

CONTA-CON

# P.C. BOARD CONNECTORS



## CONTA-CON

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# CONTA-CLIP

## The Company

We are your global partner for electrical and electronic connection technology, customised system solutions and marking components.

**CONTA-CLIP** is the perfect solution for anyone in the electrical technology business, and for good reason.

**CONTA-CLIP** has been developing products for control and automation engineering for decades.

With its resolute product development and pricing strategies, **CONTA-CLIP** is able to offer a comprehensive line of connection systems, electronic functional modules and marking solutions. For years, **CONTA-CLIP** has been an established name in systems and mechanical engineering. This has been achieved through exceptional levels of versatility and the highest standards of quality.

**CONTA-CLIP** products are tested and certified by all well-known certifying institutes around the world. In order to ensure that our products remain at the cutting edge of technological development, we have been successfully cooperating for years with experts at TÜV Rheinland Product Safety GmbH. They test our products to ensure conformity with international (IEC) and European standards (EN). These tests are docu-

mented in inspection reports. At the beginning of 1994, our company was certified for the first time to DIN ISO 9001 by the DQS, an independent, German based institute for quality management system certification. In 2004, we successfully gained certification in accordance with DIN ISO 9001/2000.

We have provided objective proof that we are in full control of the technical, administrative and human factors that influence the quality of our products and services. Within the framework of our continually growing marketing network, our top quality products and services are being offered in all of the key world markets.

Our company philosophy is characterised by clear-cut principles! Our qualified and motivated staff is our company's most important asset in our quest for success. The company management supports and demands initiative and commitment. This results in a high level of individual responsibility. That in turn enables us to recognise customer-requirements and market trends at an early stage and respond with high-quality **CONTA-CLIP** product solutions.

Over many years, a corporate culture has developed whose most important virtues are reliability, fairness and loyalty – a corporate culture that is mirrored in our motto – “*Linking technology*”.



**CONTA-CON**

*Overview*

**CONTA-CLIP** – for many years, this name has stood for innovative products in the field of mechanical and systems engineering. With its wide variety of electrical connection system products, **CONTA-CLIP** has been the industry partner for decades. You can find solutions to your applications quickly by using the clear organization in our catalogs, which divide the products into three areas.

**CONTA-CONNECT**

- Connection level for the switchgear cabinet and control engineering
- Tools for working with conductors and cables
- Branch and terminal housing in a variety of designs and materials
- **CONTA-LABEL** marking systems for labeling terminal blocks, devices, conductors and cables

Our workers and production facilities are your guarantee for permanent and continuous quality. This quality has been repeatedly proven to be a level above the national and international certifications of well-known testing institutions.

**CONTA-CON**

- Connection level for the PCB
- PCB terminals and PCB connectors

The plastic materials that we use are specialized for the demands of electro-technical systems, and are free from toxic contaminants.

**CONTA-ELECTRONICS**

- Passive and active coupling level for analog and digital signals

You are assured of a trouble-free electrical connection because of our combination of materials which are specially fit to each other, and the high quality surfaces of the metal parts.



**CONTA-CON**

*on the Internet*

You can find all about product innovations, trade fair appointments, press releases, and more at our official **CONTA-CLIP** web site.

If you want to make sure you do not miss any news, then subscribe with no obligation to our **CONTA-CLIP** newsletter by e-mail.

[www.conta-clip.com](http://www.conta-clip.com)



**Germany**  
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**USA**  
[www.contaclipinc.com](http://www.contaclipinc.com)



# CONTA-CON

## Product Properties



### Insulating Bases

The insulating housings of **CONTA-CON** products are made of high quality PA 6.6-V0 polyamides which are characterized by their UL 94V0 flammability classification. Tracking resistance CTI/600 according to IEC 112/ DIN 0303/ Part 1. For further electric properties please see table below and applicable characteristics.

Standard **CONTA-CON** colours are green, gray, black and orange. Special colours are available on request.

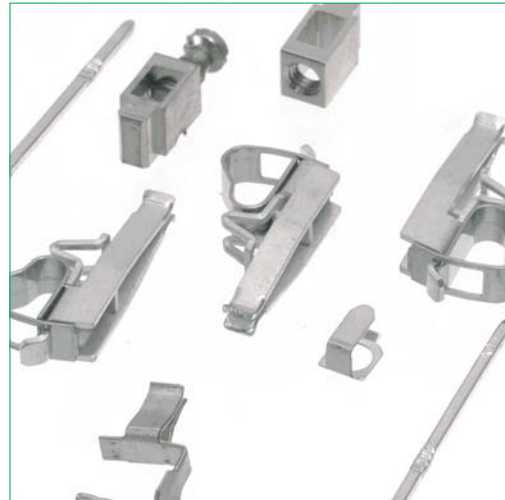
Dovetails and/or snap bars allow two-pole and three-pole units to be converted into multi-pole terminal blocks.

### Characteristics:

- flexible, unsusceptible to fracture
- good electrical and mechanical properties
- improved continuous working temperature compared to PA 6.6-V2
- improved flammability resistance compared to PA 6.6-V2
- fireproofing agents free of halogen and phosphorous
- no dioxin or furan generators

### Polyamide characteristics:

Burning characteristics:	UL 94 V0
Tracking resistance IEC 112/ DIN VDE 0303 Teil 1:	>600
Spec. volume resistance IEC 93/DIN 53482:	$10^{13}$ Ohm x cm
Spec. surface resistance IEC 93/DIN 53482:	$10^{15}$ Ohm x cm
Temperature stability:	-30°C / +105°C



### Metal Parts

All metal parts contained in **CONTA-CLIP** products are electroplated according to latest processing methods including state-of-the-art surface treatment. As a rule, all steel parts are electrogalvanized with an additional passivation by means of a blue chromatic plating being applied to the galvanized coating. In addition to its good and stable electric properties this galvanized coating also acts as an excellent protection against a corro-sive ambience. As regards the terminals which are made according to the wire protection principle, the clamping body consists of brass alloy. The stainless steel wire protection is designed to protect the connector from extreme deformation while the electric contact is being kept at an optimum.

The clamping part of the terminals which operate according to the strain-relief clamp principle (lifting principle) are made from brass alloy using a suitable annealing process to keep it free from tension. The nickel plated clamping part surface along with its tinned soldering lug bring about low volume resistance and high corrosion protection.

High quality corrosion and acid resistant steel is used for the tension spring system.

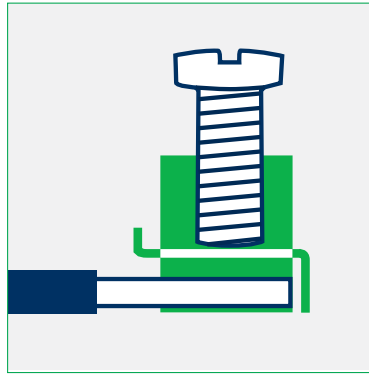
CONTA-CON

Types of Connection



Wire-protection-principle DS

The wire protection principle may be considered a customized low cost alternative to the strain-relief clamp principle. The wire protection serves to prevent the wire from shearing off or tearing away.



Stain-relief-clamp-principle ZB

The strain-relief clamp principle consists of pressing the wire indirectly via the screw and strain relief clamp against the conductor bar (soldering lug) whereas the necessary contact force is generated via the easy to operate screwed connection. This system also serves to provide a gastight and shatterproof connection between wire and conductor bar. With this increased starting torque – due to the elastic deformation of the clamping bodies – additional thread friction is provided this automatic and auxiliary safety.



Eccentric-top-principle Ex

As regards the eccentric top principle the wire is pushed into the clamping point in parallel direction of the screw-driver. With view to certain types of installations, e.g. small lateral distances in mounting frame, this system offers outstanding accessibility to the contacts. As a rule, this system comes with two soldering lugs.

Order Details

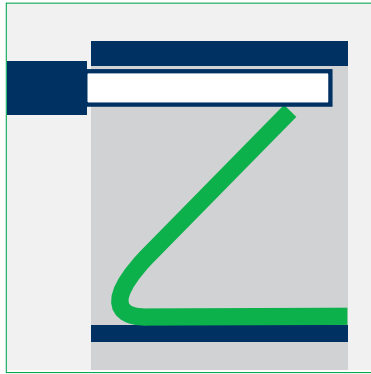
for standard printed circuit board connectors

<b>PK</b>	<b>100 / 12 / 5,08</b>	<b>V</b>	<b>F</b>	Colour Description
<b>Series Description</b>	<b>pole number</b>	<b>Spacings (mm)</b>	<b>Connecting Direction</b>	<b>Additional information</b>
PK   PKZ   PKD   PKDR   PKDL   PZK   PKT   PBK   PBKZ   PKB   PZB   PBT   STL   PK-TS			V = vertical screw/ plug-in direction  H = horizontal screw/ plug-in direction	F = with flange G = with side wall KD = with blade pressure lever FD = with finger pressure lever WD = with angular pressure lever VP = with staggered poles BL = block version
				<b>Colour Code</b>  will be mentioned for colours other than standard green colour



**Tension-spring-principle ZF**

The tension spring principle is similar to the proven strain-relief clamp principle with the tension spring also featuring the separation between mechanical and electrical functions. The corrosion and acid resistant steel tension spring is designed to pull the wire toward the galvanized copper conductor bar. Minor contact resistance and high corrosion resistance are achieved by the tinned surface of the conductor bar. This condition is being maintained due to this equalizing effect.



**Leg-spring-principle SFS**

As regards the leg spring principle, it is possible to position solid conductors or stranded wires with ferrules directly into the clamping point without the use of any tools. The leg spring brings the wire in contact with the conductor bar. When stranded wires without ferrules are connected or disconnected, it is imperative that the blade pressure lever be actuated.

## Approvals



EN 60998  
EN 61984

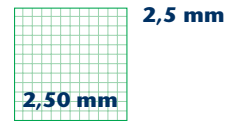


UL 1059  
CSA 22.2 No. 158

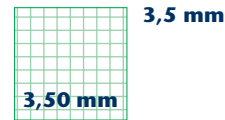
**Approvals issued or applied for.**

## Spacings

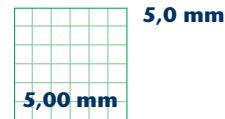
### metric



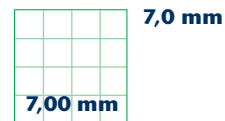
2,5 mm



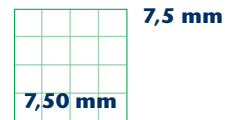
3,5 mm



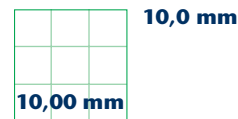
5,0 mm



7,0 mm



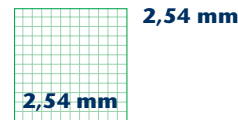
7,5 mm



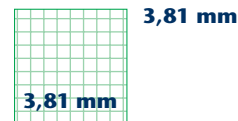
10,0 mm

## Spacings

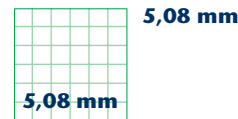
### Inches



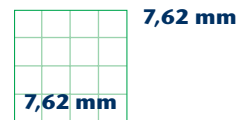
2,54 mm



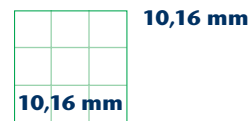
3,81 mm



5,08 mm



7,62 mm



10,16 mm

Product Range

CONTA-CON Printed circuit board terminals

<p>Type <b>PK 550 V/H</b></p>    <p>Page 12, 21</p>	<p>Type <b>PK 500 V/H</b></p>    <p>Page 13, 14, 19, 23, 27</p>	<p>Type <b>PK 590</b></p>    <p>Page 15</p>	<p>Type <b>PK 100 V/H</b></p>    <p>Page 16, 17, 25, 26</p>	<p>Type <b>PK 104 V</b></p>    <p>Page 18</p>
<p>Type <b>PK 120 V/H</b></p>    <p>Page 20</p>	<p>Type <b>PK 110 V/H</b></p>    <p>Page 22</p>	<p>Type <b>PK 114 V</b></p>    <p>Page 23</p>	<p>Type <b>PKZ 602 V</b></p>    <p>Page 28</p>	<p>Type <b>PK 300</b></p>    <p>Page 28, 34, 42, 44</p>
<p>Type <b>PK 350 V</b></p>    <p>Page 29, 35, 43, 44</p>	<p>Type <b>PK 2,5</b></p>    <p>Page 29, 35</p>	<p>Type <b>PK 700 V/H</b></p>    <p>Page 30, 36</p>	<p>Type <b>PKD 370 V</b></p>    <p>Page 31</p>	<p>Type <b>PKD 750 V</b></p>    <p>Page 31, 37</p>
<p>Type <b>PKD 790 V</b></p>    <p>Page 32</p>	<p>Type <b>PKH 793 V</b></p>    <p>Page 32</p>	<p>Type <b>PKDL 2,5</b></p>    <p>Page 33, 37</p>	<p>Type <b>PKDR 2,5</b></p>    <p>Page 33, 38</p>	<p>Type <b>PK 250 V</b></p>    <p>Page 34, 43</p>
<p>Type <b>PKDZ 770 V</b></p>    <p>Page 38</p>	<p>Type <b>PK 360 V/H</b></p>    <p>Page 40</p>	<p>Type <b>PK 710 V</b></p>    <p>Page 42</p>	<p>Type <b>PZK 3191</b></p>    <p>Page 46, 47</p>	<p>Type <b>PZK 3000, 3001</b></p>    <p>Page 48, 49</p>
<p>Type <b>PZK 3100, 3101</b></p>    <p>Page 51, 52</p>	<p>Type <b>PZK 3010, 3011, 3020, 3021</b></p>    <p>Page 52, 53, 54</p>	<p>Type <b>PZK 3750</b></p>    <p>Page 49, 50, 51</p>	<p>Type <b>PKT 2200 V/H</b></p>    <p>Page 56, 57, 58</p>	<p>Type <b>PBK 4291</b></p>    <p>Page 60</p>
<p>Type <b>PBK 4100</b></p>    <p>Page 61</p>	<p>Type <b>PBK 4101</b></p>    <p>Page 61</p>	<p>Type <b>PBK 4301</b></p>    <p>Page 62</p>	<p><b>Types of Connection</b></p> <ul style="list-style-type: none"> <li> Wire-protection-principle</li> <li> Strain-relief-clamp-principle</li> <li> Eccentric-top-principle</li> <li> Tension-spring-principle</li> <li> Leg-spring-principle</li> </ul>	

# Product Range

## CONTA-CON Printed circuit board plug-in connectors

<p>Type <b>PKB 1350</b></p>  <p>3,50 mm</p> <p>Page 68</p>	<p>Type <b>PKB 130</b></p>  <p>5,00 mm 5,08 mm</p> <p>10,00 mm 10,16 mm</p> <p>Page 69, 70, 71</p>	<p>Type <b>PKB 1550</b></p>  <p>3,50 mm 3,81 mm</p> <p>Page 72, 73</p>	<p>Type <b>PKB 1550 with flange</b></p>  <p>3,50 mm 3,81 mm</p> <p>Page 72, 73</p>	<p>Type <b>PKBZ 1551</b></p>  <p>3,81 mm</p> <p>Page 74</p>
<p>Type <b>PKBZ 1552</b></p>  <p>3,81 mm</p> <p>Page 74</p>	<p>Type <b>PKB 950</b></p>  <p>5,00 mm 5,08 mm</p> <p>Page 75, 77</p>	<p>Type <b>PK 950 with flange</b></p>  <p>5,00 mm 5,08 mm</p> <p>Page 75, 77</p>	<p>Type <b>PKB 1100</b></p>  <p>5,00 mm 5,08 mm</p> <p>Page 76, 78</p>	<p>Type <b>PKB 1110</b></p>  <p>5,00 mm 5,08 mm</p> <p>Page 76, 78</p>
<p>Type <b>PKB 960</b></p>  <p>7,62 mm</p> <p>Page 79</p>	<p>Type <b>PZB 3950</b></p>  <p>5,00 mm</p> <p>Page 80</p>	<p>Type <b>PBT 1200</b></p>  <p>5,08 mm</p> <p>Page 82</p>	<p>Type <b>PKB 4350</b></p>  <p>3,50 mm</p> <p>Page 83</p>	<p>Type <b>STL 1350 V/H</b></p>  <p>3,50 mm</p> <p>Page 84</p>
<p>Type <b>STL 130 V</b></p>  <p>5,00 mm 5,08 mm</p> <p>10,00 mm 10,16 mm</p> <p>Page 86, 87, 89</p>	<p>Type <b>STL 132 V</b></p>  <p>5,00 mm</p> <p>Page 86</p>	<p>Type <b>STL 140 H</b></p>  <p>5,00 mm 5,08 mm</p> <p>Page 87, 88</p>	<p>Type <b>STL 1550 V/H</b></p>  <p>3,50 mm 3,81 mm</p> <p>Page 90, 92</p>	<p>Type <b>STL 1550 V/H with flange</b></p>  <p>3,50 mm 3,81 mm</p> <p>Page 91, 93</p>
<p>Type <b>STL 1590</b></p>  <p>3,81 mm</p> <p>Page 94</p>	<p>Type <b>STL 1570 V/H</b></p>  <p>3,81 mm</p> <p>Page 95</p>	<p>Type <b>STL 950 V/H</b></p>  <p>5,00 mm 5,08 mm</p> <p>Page 96, 97, 100, 101</p>	<p>Type <b>STL 950 V/H with flange</b></p>  <p>5,00 mm 5,08 mm</p> <p>Page 98, 102</p>	<p>Type <b>STL 975 V/H</b></p>  <p>5,00 mm</p> <p>Page 99</p>
<p>Type <b>STL 990</b></p>  <p>5,08 mm</p> <p>Page 103</p>	<p>Type <b>STL 970 V/H</b></p>  <p>5,08 mm</p> <p>Page 104, 105</p>	<p>Type <b>STL 970 V/H with flange</b></p>  <p>5,08 mm</p> <p>Page 106</p>	<p>Type <b>STL 960 V/H</b></p>  <p>5,08 mm</p> <p>Page 108, 109</p>	<p>Type <b>PK-TS for mounting rail TS 15, TS 32, TS 35</b></p>  <p>5,08 mm</p> <p>Page 112</p>
<p>Type <b>PK-TS with flange for mounting rail TS 15, TS 32, TS 35</b></p>  <p>5,08 mm</p> <p>Page 113</p>	<p>Type <b>STL 950 w. long soldering lug</b></p>  <p>5,08 mm</p> <p>Page 119</p>	<p><b>Types of Connection</b></p> <ul style="list-style-type: none"> <li> Wire-protection-principle</li> <li> Strain-relief-clamp-principle</li> <li> Eccentric-top-principle</li> <li> Tension-spring-principle</li> <li> Leg-spring-principle</li> </ul>		

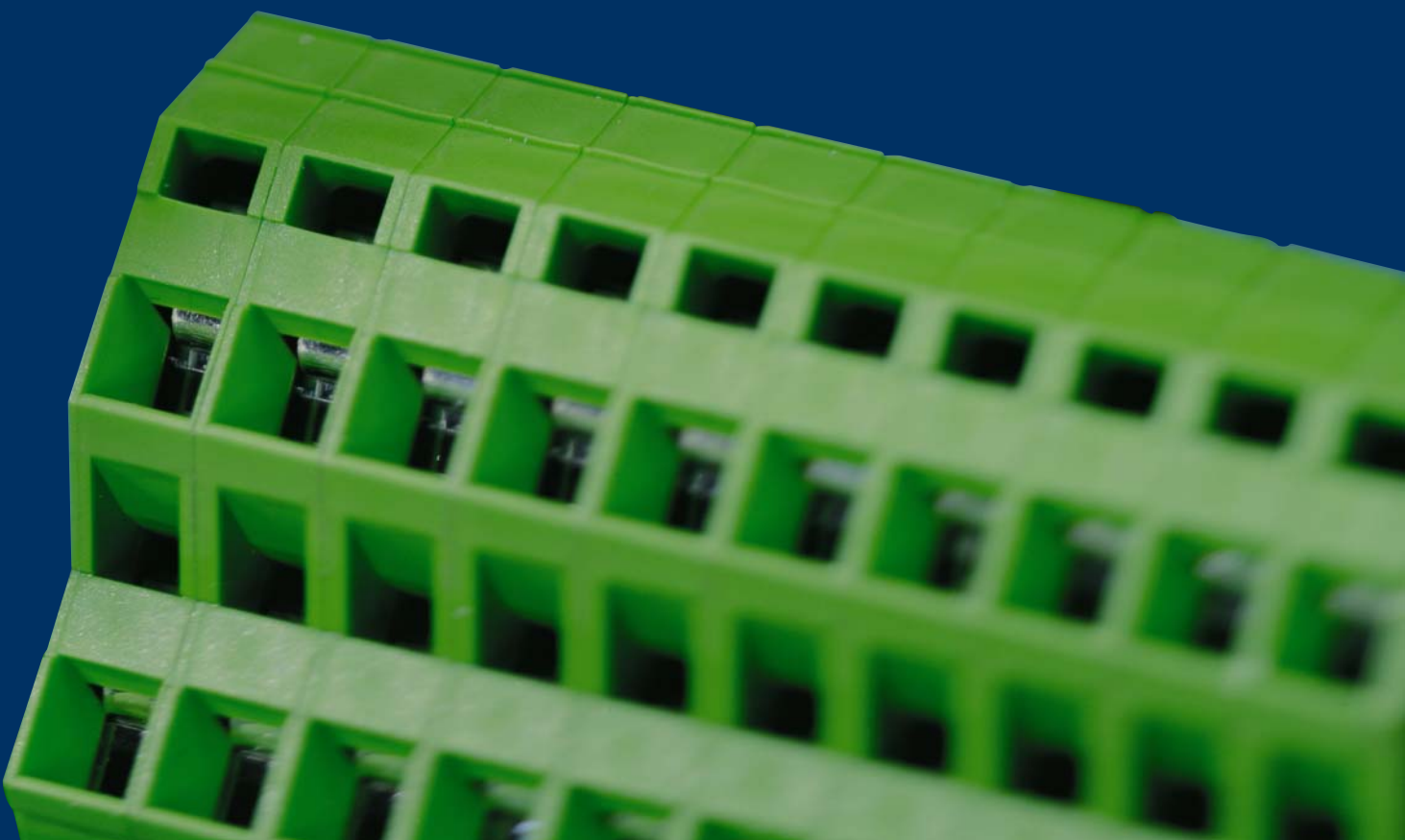
## Printed circuit board terminals

### CONTA-CON

*Since many years, CONTA-CON-PK print terminals for printed circuit board connections offer numerous possibilities of low cost and economical connection techniques.*

Screw type print terminals have been tried and tested for quite a number of years now and it is hard to imagine the printed circuit board without them. Available are the wire-protection, eccentric-top and strain-relief-clamp-principles. All of them are based on modular designs with two-pole and three-pole individual terminals which can be converted into multi-pole terminal block by using dovetail connections. This allows for flexible and economical inventory management. In addition, some series also provide "block design" versions with a non-variable number of poles ranging from 2 to 12 which are specially suited for long pole applications.

Both the tension- and leg-spring-principles are available as alternatives. Due to their technical design, these principles are highly suited for extreme conditions such as heavy vibrations, a corrosive ambience and extreme fluctuations in temperature. The springs are operated by means of a screwdriver, actuation tools or lever. Constantly high clamping forces and good electric values can be achieved owing to perfect material quality.

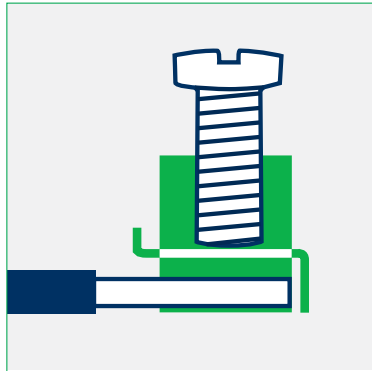


# Range of Types and Connections

## CONTA-CON



Wire-protection-principle	
PK 550/... /3,50-V	12
PK 550/... /3,50-H	12
PK 500/... /5,00-V	13
PK 500/... /5,00-H	13
PK 500/... /5,00-V-BL	14
PK 500/... /5,00-H-BL	14
PK 590/... /5,00	15
PK 100/... /5,00-V	16
PK 100/... /5,00-H	16
PK 100/... /5,00-V-BL	17
PK 100/... /5,00-H-BL	17
PK 104/... /5,00-V	18
PK 500/... /5,08-V	19
PK 500/... /5,08-H	19
PK 120/... /5,08-V	20
PK 120/... /5,08-H	20
PK 550/... /7,00-V	21
PK 550/... /7,00-H	21
PK 110/... /7,50-V	22
PK 110/... /7,50-H	22
PK 114/... /7,50-V	23
PK 500/... /10,00-V	23
PK 500/... /10,00-H	24
PK 500/... /10,00-V-BL	24
PK 100/... /10,00-V	25
PK 100/... /10,00-H	25
PK 100/... /10,00-V-BL	26
PK 100/... /10,00-H-BL	26
PK 500/... /10,16-V	27
PK 500/... /10,16-H	27



Strain-relief-clamp-principle	
PKZ 602/... /3,81-V	28
PK 300/... /5,00	28
PK 350/... /5,00-V	29
PK 2,5/... /5,00	29
PK 700/... /5,00-V	30
PK 700/... /5,00-H	30
PKD 370/... /5,00-V	31
PKD 750/... /5,00-V	31
PKD 790/... /5,00-V	32
PKH 793/... /5,00-V	32
PKDL 2,5/... /5,00	33
PKDR 2,5/... /5,00	33
PK 250/... /5,08-V	34
PK 300/... /5,08	34
PK 350/... /5,08-V	35
PK 2,5/... /5,08	35
PK 700/... /5,00-V	36
PK 700/... /5,08-H	36
PKD 750/... /5,08-V	37
PKDL 2,5/... /5,08	37
PKDR 2,5/... /5,08	38
PKDZ 770/... /5,08-V	38
PK 2,5/... /7,50	39
PK 360/... /7,50-V	40
PK 360/... /7,50-H	40
PK 710/... /7,50-V	41
PK 2,5/... /7,62	41
PK 710/... /7,62-V	42
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PZK 3001/... /5,00/5,08-KD	48
PZK 3001/... /5,00/5,08-FD	49
PZK 3750/... /5,00	49
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PZK 3010/... /7,50/7,62	52
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PZK 3011/... /7,50/7,62-FD	53
PZK 3020/... /10,00/10,16	54
PZK 3021/... /10,00/10,16-KD	54

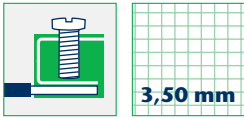


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PKT 2200/... /5,00-V	56
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PKT 2200/... /10,00-H	58



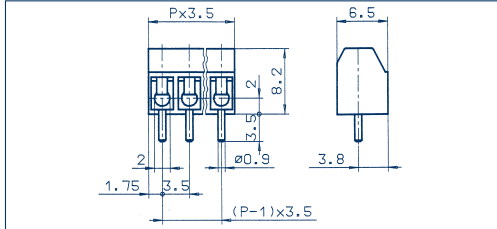
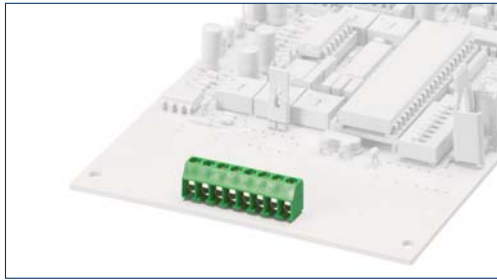
Leg-spring-principle	
PBK 4291/... /3,50-KD	60
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PBK 4100/... /5,00	61
PBK 4100/... /5,00-KD	61
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## Terminals

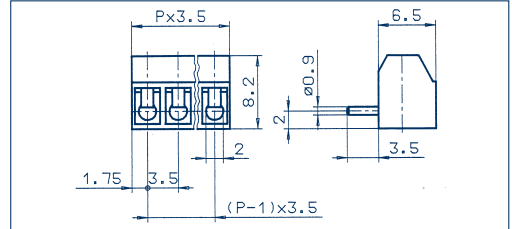
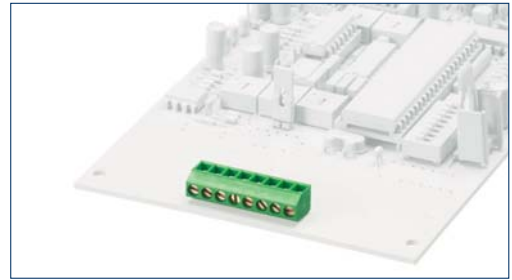


3,50 mm

## PK 550/... /3,50-V vertical



## PK 550/... /3,50-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,50
Insulation stripping length mm	5,50
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

#### Rating

Rated voltage V	125 V	130 V
Rated current A	6 A	13,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,00
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,40 Nm/M2
Contamination degree	—	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	stainless steel
Soldering lug	—
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Wire-protection

Spacing mm	3,50
Insulation stripping length mm	5,50
PCB hole diameter mm	1,20
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	125 V	130 V
Rated current A	6 A	13,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,00
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,40 Nm/M2
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	stainless steel
Soldering lug	—
Contact Spring	—

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10247.1	10247.4	50
3	10248.1	10248.4	50
4	10249.1	10249.4	50
5	10250.1	10250.4	50
6	10251.1	10251.4	50
7	10252.1	10252.4	50
8	10253.1	10253.4	50
9	10254.1	10254.4	50
10	10255.1	10255.4	50
11	10256.1	10256.4	50
12	10257.1	10257.4	50
13	10258.1	10258.4	50
14	10259.1	10259.4	50
15	10260.1	10260.4	50
16	10261.1	10261.4	50

### Wire-protection

Spacing mm	3,50
Insulation stripping length mm	5,50
PCB hole diameter mm	1,20
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	125 V	130 V
Rated current A	6 A	13,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,00
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,40 Nm/M2
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	stainless steel
Soldering lug	—
Contact Spring	—

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10262.1	10262.4	50
3	10263.1	10263.4	50
4	10264.1	10264.4	50
5	10265.1	10265.4	50
6	10266.1	10266.4	50
7	10267.1	10267.4	50
8	10268.1	10268.4	50
9	10269.1	10269.4	50
10	10270.1	10270.4	50
11	10271.1	10271.4	50
12	10272.1	10272.4	50
13	10273.1	10273.4	50
14	10274.1	10274.4	50
15	10275.1	10275.4	50
16	10276.1	10276.4	50

## Accessories

Marking

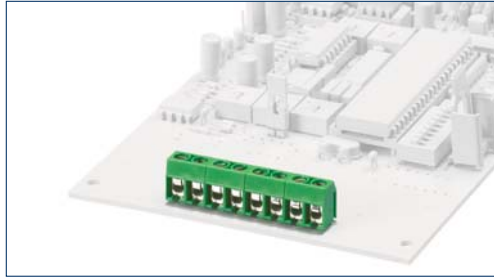
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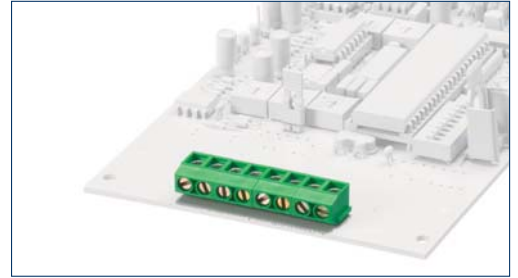
## Terminals



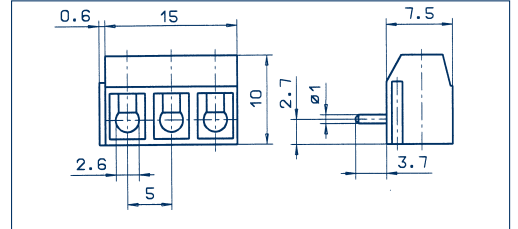
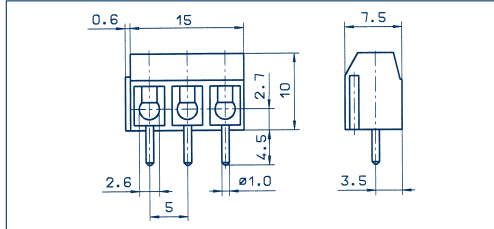
## PK 500/... /5,00-V vertical



## PK 500/... /5,00-H horizontal



## Drawings



## Connection principle

### Dimensions

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Wire-protection

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10143.1	10143.4	50
3	10144.1	10144.4	50
4	10145.1	10145.4	50
5	10146.1	10146.4	50
6	10147.1	10147.4	50
7	10148.1	10148.4	50
8	10149.1	10149.4	50
9	10150.1	10150.4	50
10	10151.1	10151.4	50
11	10152.1	10152.4	50
12	10153.1	10153.4	50
13	12493.1	12493.4	50
14	12494.1	12494.4	50
15	12495.1	12495.4	50
16	12496.1	12496.4	50
17	12497.1	12497.4	50
18	12498.1	12498.4	50
19	12499.1	12499.4	50
20	12500.1	12500.4	50
21	12501.1	12501.4	50
22	12502.1	12502.4	50
23	12503.1	12503.4	50
24	12504.1	12504.4	50

## Wire-protection

Spacing mm	5,00
Insulation stripping length mm	5,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10165.1	10165.4	50
3	10166.1	10166.4	50
4	10167.1	10167.4	50
5	10168.1	10168.4	50
6	10169.1	10169.4	50
7	10170.1	10170.4	50
8	10171.1	10171.4	50
9	10172.1	10172.4	50
10	10173.1	10173.4	50
11	10174.1	10174.4	50
12	10175.1	10175.4	50
13	12517.1	12517.4	50
14	12518.1	12518.4	50
15	12519.1	12519.4	50
16	12520.1	12520.4	50
17	12521.1	12521.4	50
18	12522.1	12522.4	50
19	12523.1	12523.4	50
20	12524.1	12524.4	50
21	12525.1	12525.4	50
22	12526.1	12526.4	50
23	12527.1	12527.4	50
24	12528.1	12528.4	50

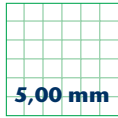
## Accessories

Marking

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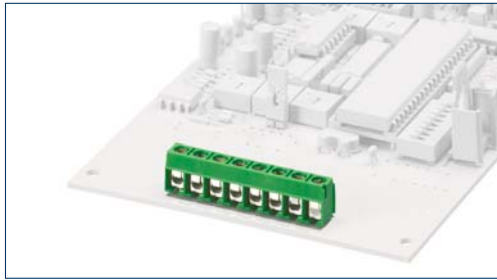
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## Terminals



5,00 mm

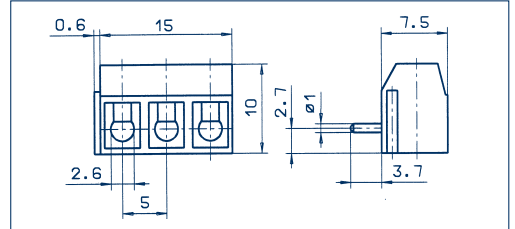
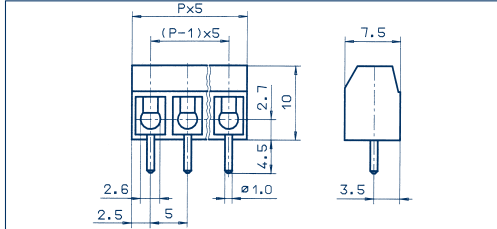
## PK 500/... /5,00-V-BL vertical



## PK 500/... /5,00-H-BL horizontal



## Drawings



## Connection principle

### Dimensions

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Wire-protection

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### No. of poles

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10231.1	10231.4	50
3	10232.1	10232.4	50
4	10233.1	10233.4	50
5	10234.1	10234.4	50
6	10235.1	10235.4	50
7	10236.1	10236.4	50
8	10237.1	10237.4	50
9	10238.1	10238.4	50
10	10239.1	10239.4	50
11	10240.1	10240.4	50
12	10241.1	10241.4	50

## Wire-protection

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### No. of poles

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)		
2	10713.1		50
3	10714.1		50
4	10715.1		50
5	10716.1		50
6	10717.1		50
7	10718.1		50
8	10719.1		50
9	10720.1		50
10	10721.1		50
11	10722.1		50
12	10723.1		50

## Accessories

Marking

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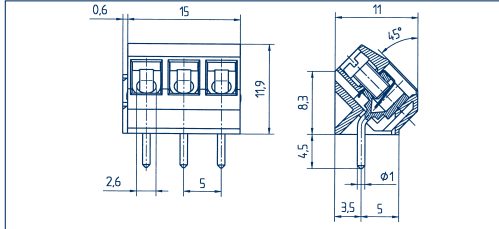
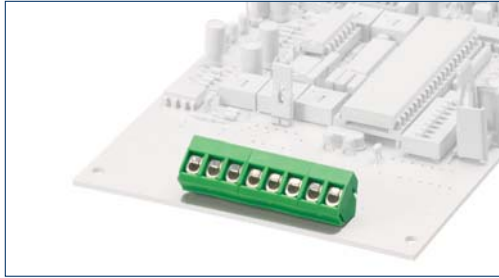
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## Terminals



5,00 mm

## PK 590/... /5,00



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

#### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

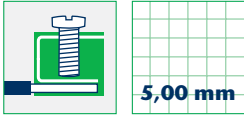
#### Order information

	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green (Ral 6018)	
(further colours on request, see page 5)			
	2	12855.1	50
	3	12856.1	50
	4	12857.1	50
	5	12858.1	50
	6	12859.1	50
	7	12860.1	50
	8	12861.1	50
	9	12862.1	50
	10	12863.1	50
	11	12864.1	50
	12	12865.1	50
	13	12866.1	50
	14	12867.1	50
	15	12868.1	50
	16	12869.1	50
	17	12870.1	50
	18	12871.1	50
	19	12872.1	50
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	21	12874.1	50
	22	12875.1	50
	23	12876.1	50
	24	12877.1	50

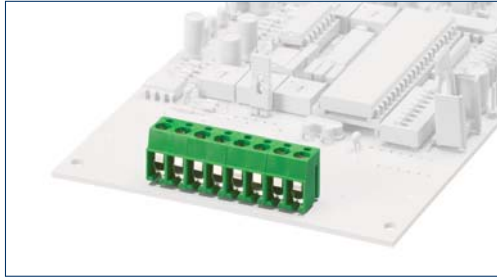
#### Accessories

Marking	Page 126 - 129
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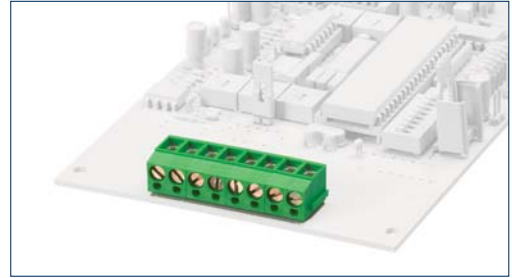
## Terminals



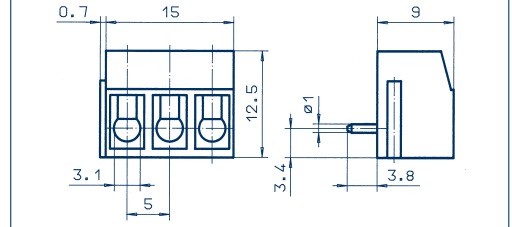
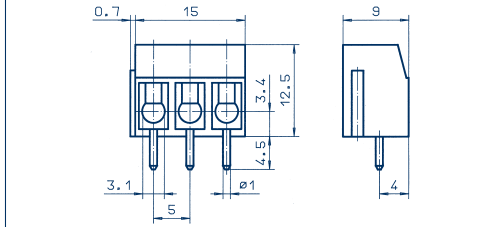
## PK 100/... /5,00-V vertical



## PK 100/... /5,00-H horizontal



## Drawings



## Connection principle

### Dimensions

Spacing mm	5,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,50 Nm/M3
Contamination degree	—	—

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	stainless steel
Soldering lug	—
Contact Spring	—

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Wire-protection

Spacing mm	5,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,50 Nm/M3
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	stainless steel
Soldering lug	—
Contact Spring	—

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
2	10001.1	10001.4	50
3	10002.1	10002.4	50
4	10003.1	10003.4	50
5	10004.1	10004.4	50
6	10005.1	10005.4	50
7	10006.1	10006.4	50
8	10007.1	10007.4	50
9	10008.1	10008.4	50
10	10009.1	10009.4	50
11	10010.1	10010.4	50
12	10011.1	10011.4	50
13	12385.1	12385.4	50
14	12386.1	12386.4	50
15	12387.1	12387.4	50
16	12388.1	12388.4	50
17	12389.1	12389.4	50
18	12390.1	12390.4	50
19	12391.1	12391.4	50
20	12392.1	12392.4	50
21	12393.1	12393.4	50
22	12394.1	12394.4	50
23	12395.1	12395.4	50
24	12396.1	12396.4	50

## Wire-protection

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,50 Nm/M3
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	stainless steel
Soldering lug	—
Contact Spring	—

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
2	10012.1	10012.4	50
3	10013.1	10013.4	50
4	10014.1	10014.4	50
5	10015.1	10015.4	50
6	10016.1	10016.4	50
7	10017.1	10017.4	50
8	10018.1	10018.4	50
9	10019.1	10019.4	50
10	10020.1	10020.4	50
11	10021.1	10021.4	50
12	10022.1	10022.4	50
13	12373.1	12372.4	50
14	12374.1	12374.4	50
15	12375.1	12375.4	50
16	12376.1	12376.4	50
17	12377.1	12377.4	50
18	12378.1	12378.4	50
19	12379.1	12379.4	50
20	12380.1	12380.4	50
21	12381.1	12381.4	50
22	12382.1	12382.4	50
23	12383.1	12383.4	50
24	12384.1	12384.4	50

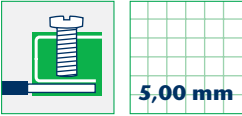
## Accessories

Marking

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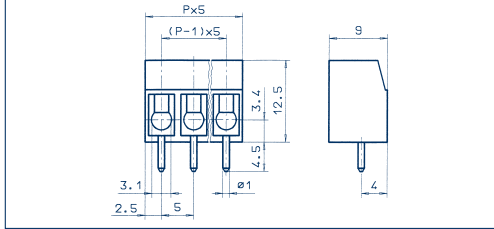
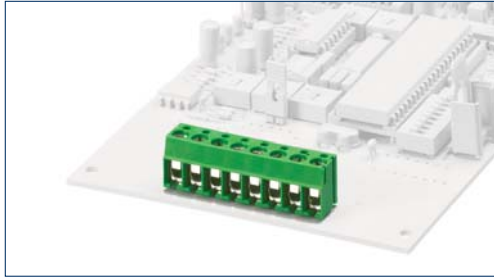
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## Terminals

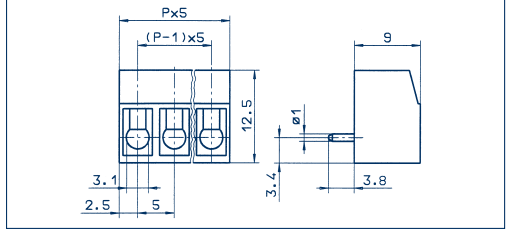
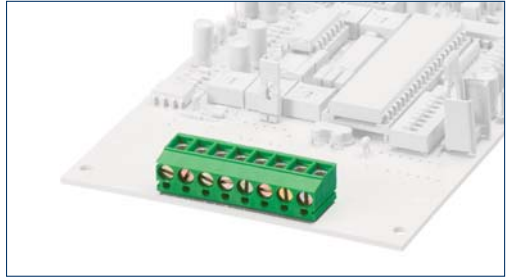


5,00 mm

## PK 100/... /5,00-V-BL vertical



## PK 100/... /5,00-H-BL horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	CuZn	
Clamping cage/Eccentric	–	
Contact pin	–	
Cage tension spring	–	
Wire protection	stainless steel	
Soldering lug	–	
Contact Spring	–	

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Wire-protection

Spacing mm	5,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	CuZn	
Clamping cage/Eccentric	–	
Contact pin	–	
Cage tension spring	–	
Wire protection	stainless steel	
Soldering lug	–	
Contact Spring	–	

#### Order information

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10045.1	10045.4	50
3	10046.1	10046.4	50
4	10047.1	10047.4	50
5	10048.1	10048.4	50
6	10049.1	10049.4	50
7	10050.1	10050.4	50
8	10051.1	10051.4	50
9	10052.1	10052.4	50
10	10053.1	10053.4	50
11	10054.1	10054.4	50
12	10055.1	10055.4	50
13	12421.1	12421.4	50
14	12422.1	12422.4	50
15	12423.1	12423.4	50
16	12424.1	12424.4	50
17	12425.1	12425.4	50
18	12426.1	12426.4	50
19	12427.1	12427.4	50
20	12428.1	12428.4	50
21	12429.1	12429.4	50
22	12430.1	12430.4	50
23	12431.1	12431.4	50
24	12432.1	12432.4	50

### Wire-protection

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	CuZn	
Clamping cage/Eccentric	–	
Contact pin	–	
Cage tension spring	–	
Wire protection	stainless steel	
Soldering lug	–	
Contact Spring	–	

#### Order information

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10056.1	10056.4	50
3	10057.1	10057.4	50
4	10058.1	10058.4	50
5	10059.1	10059.4	50
6	10060.1	10060.4	50
7	10061.1	10061.4	50
8	10062.1	10062.4	50
9	10063.1	10063.4	50
10	10064.1	10064.4	50
11	10065.1	10065.4	50
12	10066.1	10066.4	50
13	12433.1	12433.4	50
14	12434.1	12434.4	50
15	12435.1	12435.4	50
16	12436.1	12436.4	50
17	12437.1	12437.4	50
18	12438.1	12438.4	50
19	12439.1	12439.4	50
20	12440.1	12440.4	50
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23	12443.1	12443.4	50
24	12444.1	12444.4	50

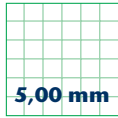
### Accessories

Marking

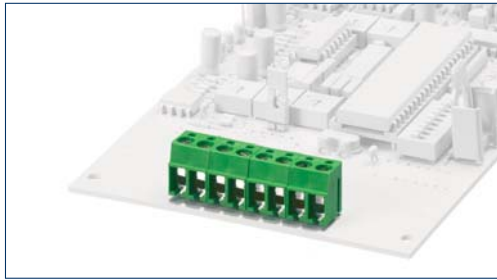
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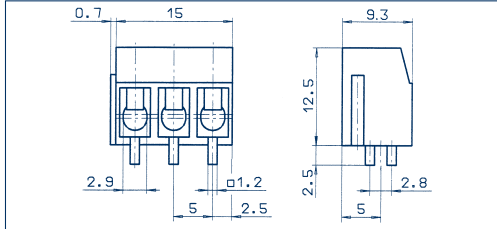
**Terminals**



**PK 104/... /5,00-V vertical**



**Drawings**



**Connection principle**

**Dimensions**

Spacing mm	5,00
Insulation stripping length mm	7,00
PCB hole diameter mm	2,00 x 2,80

**Connection data**

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

**Rating**

Rated voltage V	300 V	250 V
Rated current A	15 A	32 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	4,00
Rated surge voltage	-	2,00 kV
Rated torque/Screw size	-	0,80 Nm/M3
Contamination degree	-	-

**Materials**

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30 °C / +105 °C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	stainless steel
Soldering lug	-
Contact Spring	-

**Order information**

Standard colour(s)

(further colours on request, see page 5)

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10077.1	10077.4	50
3	10078.1	10078.4	50
4	10079.1	10079.4	50
5	10080.1	10080.4	50
6	10081.1	10081.4	50
7	10082.1	10082.4	50
8	10083.1	10083.4	50
9	10084.1	10084.4	50
10	10085.1	10085.4	50
11	10086.1	10086.4	50
12	10087.1	10087.4	50
13	12397.1	12397.4	50
14	12398.1	12398.4	50
15	12399.1	12399.4	50
16	12400.1	12400.4	50
17	12401.1	12401.4	50
18	12402.1	12402.4	50
19	12403.1	12403.4	50
20	12404.1	12404.4	50
21	12405.1	12405.4	50
22	12406.1	12406.4	50
23	12407.1	12407.4	50
24	12408.1	12408.4	50

**Accessories**

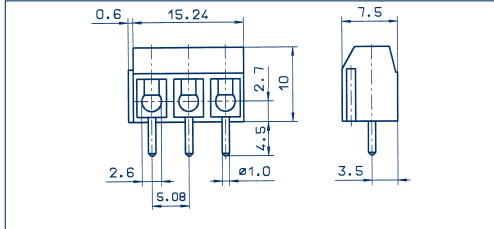
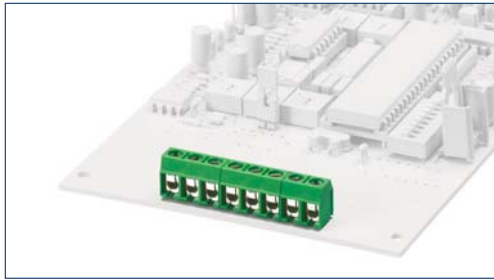
Marking

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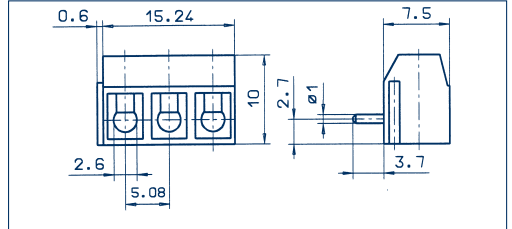
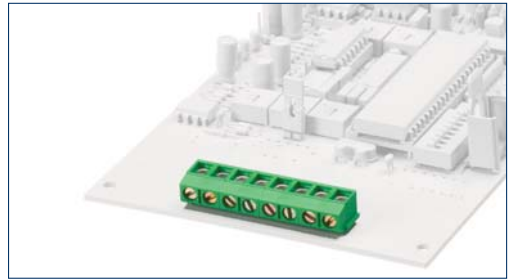
## Terminals



## PK 500/... /5,08-V vertical



## PK 500/... /5,08-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

#### Rating

	US	
Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Wire-protection

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

	US	
Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

No. of poles	Cat.-No.		Qty.p.pck.
	green (Ral 6018)	dark grey (Ral 7016)	
2	10154.1	10154.4	50
3	10155.1	10155.4	50
4	10156.1	10156.4	50
5	10157.1	10157.4	50
6	10158.1	10158.4	50
7	10159.1	10159.4	50
8	10160.1	10160.4	50
9	10161.1	10161.4	50
10	10162.1	10162.4	50
11	10163.1	10163.4	50
12	10164.1	10164.4	50
13	12505.1	12505.4	50
14	12506.1	12506.4	50
15	12507.1	12507.4	50
16	12508.1	12508.4	50
17	12509.1	12509.4	50
18	12510.1	12510.4	50
19	12511.1	12511.4	50
20	12512.1	12512.4	50
21	12513.1	12513.4	50
22	12514.1	12514.4	50
23	12515.1	12515.4	50
24	12516.1	12516.4	50

### Wire-protection

Spacing mm	5,08
Insulation stripping length mm	5,00
PCB hole diameter mm	1,30

	US	
Rated voltage V	300 V	250 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

No. of poles	Cat.-No.		Qty.p.pck.
	green (Ral 6018)	dark grey (Ral 7016)	
2	10176.1	10176.4	50
3	10177.1	10177.4	50
4	10178.1	10178.4	50
5	10179.1	10179.4	50
6	10180.1	10180.4	50
7	10181.1	10181.4	50
8	10182.1	10182.4	50
9	10183.1	10183.4	50
10	10184.1	10184.4	50
11	10185.1	10185.4	50
12	10186.1	10186.4	50
13	12529.1	12529.4	50
14	12530.1	12530.4	50
15	12531.1	12531.4	50
16	12532.1	12532.4	50
17	12533.1	12533.4	50
18	12534.1	12534.4	50
19	12535.1	12535.4	50
20	12536.1	12536.4	50
21	12537.1	12537.4	50
22	12538.1	12538.4	50
23	12539.1	12539.4	50
24	12540.1	12540.4	50

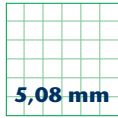
### Accessories

Marking

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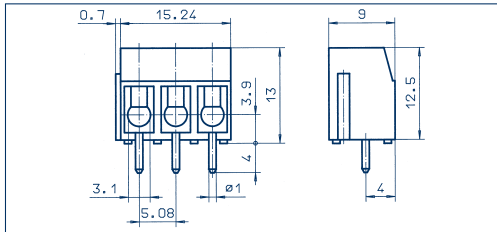
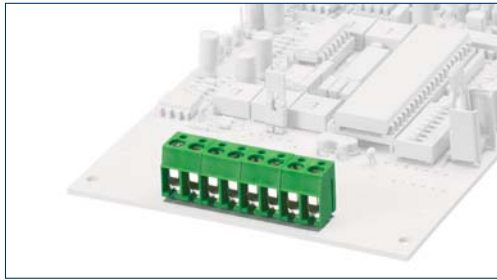
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## Terminals

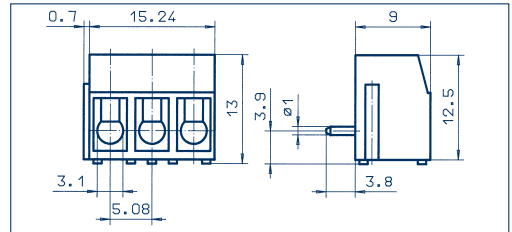
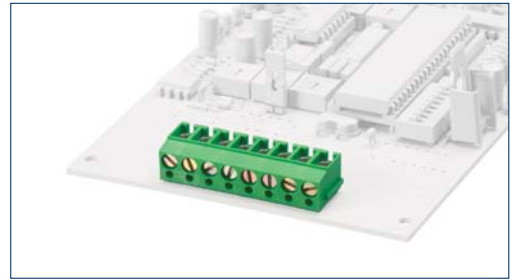


5,08 mm

## PK 120/... /5,08-V vertical



## PK 120/... /5,08-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Wire-protection

Spacing mm	5,08
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10121.1	10121.4	50
3	10122.1	10122.4	50
4	10123.1	10123.4	50
5	10124.1	10124.4	50
6	10125.1	10125.4	50
7	10126.1	10126.4	50
8	10127.1	10127.4	50
9	10128.1	10128.4	50
10	10129.1	10129.4	50
11	10130.1	10130.4	50
12	10131.1	10131.4	50
13	12409.1	12409.4	50
14	12410.1	12410.4	50
15	12411.1	12411.4	50
16	12412.1	12412.4	50
17	12413.1	12413.4	50
18	12414.1	12414.4	50
19	12415.1	12415.4	50
20	12416.1	12416.4	50
21	12417.1	12417.4	50
22	12418.1	12418.4	50
23	12419.1	12419.4	50
24	12420.1	12420.4	50

### Wire-protection

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10132.1	10132.4	50
3	10133.1	10133.4	50
4	10134.1	10134.4	50
5	10135.1	10135.4	50
6	10136.1	10136.4	50
7	10137.1	10137.4	50
8	10138.1	10138.4	50
9	10139.1	10139.4	50
10	10140.1	10140.4	50
11	10141.1	10141.4	50
12	10142.1	10142.4	50
13	12481.1	12481.4	50
14	12482.1	12482.4	50
15	12483.1	12483.4	50
16	12484.1	12484.4	50
17	12485.1	12485.4	50
18	12486.1	12486.4	50
19	12487.1	12487.4	50
20	12488.1	12488.4	50
21	12489.1	12489.4	50
22	12490.1	12490.4	50
23	12491.1	12491.4	50
24	12492.1	12492.4	50

## Accessories

Marking

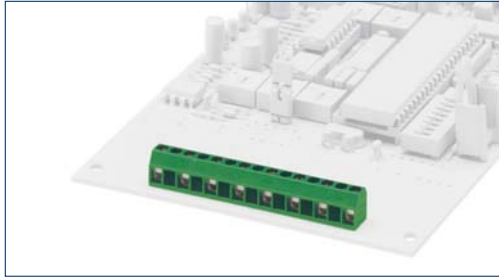
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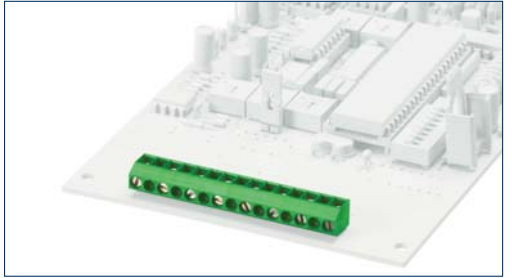
## Terminals



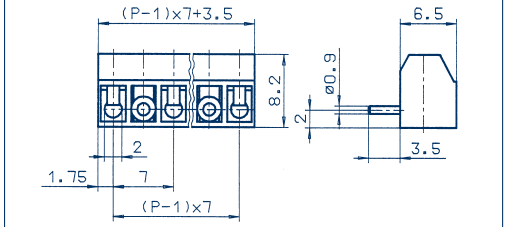
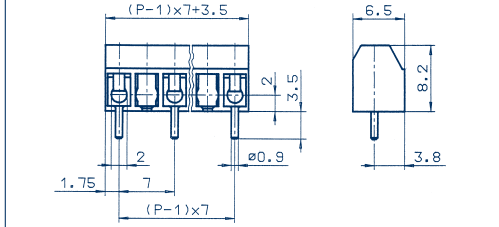
## PK 550/... /7,00-V vertical



## PK 550/... /7,00-H horizontal



## Drawings



## Connection principle

### Dimensions

Spacing mm	7,00
Insulation stripping length mm	5,50
PCB hole diameter mm	1,20

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

### Rating

	300 V	450 V
Rated voltage V	300 V	450 V
Rated current A	6 A	13,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,00
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,40 Nm/M2
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.	No. of poles	Cat.-No.		Qty.p.pck.
		green (Ral 6018)	dark grey (Ral 7016)			green (Ral 6018)	dark grey (Ral 7016)	
	2	10277.1	10277.4	50	2	10284.1	10284.4	50
	3	10278.1	10278.4	50	3	10285.1	10285.4	50
	4	10279.1	10279.4	50	4	10286.1	10286.4	50
	5	10280.1	10280.4	50	5	10287.1	10287.4	50
	6	10281.1	10281.4	50	6	10288.1	10288.4	50
	7	10282.1	10282.4	50	7	10289.1	10289.4	50
	8	10283.1	10283.4	50	8	10290.1	10290.4	50

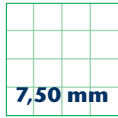
## Accessories

Marking

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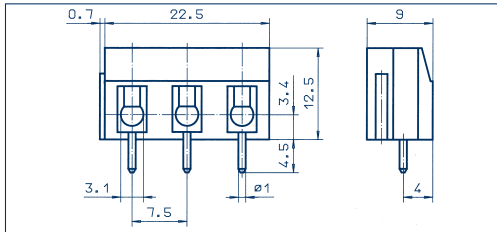
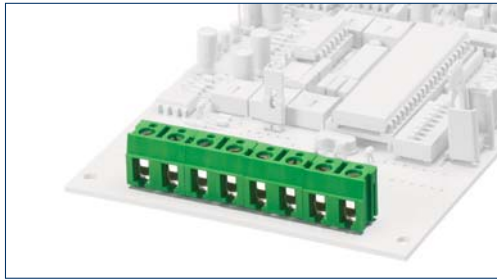
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## Terminals

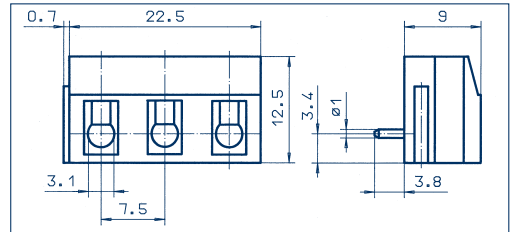
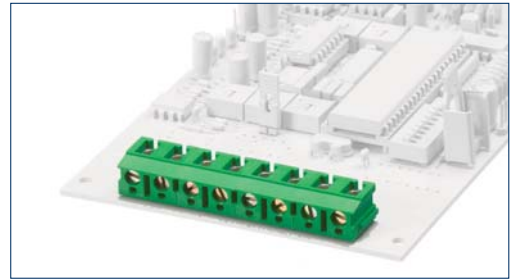


7,50 mm

## PK 110/... /7,50-V vertical



## PK 110/... /7,50-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	7,50
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	500 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Wire-protection

Spacing mm	7,50
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	500 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10099.1	10099.4	50
3	10100.1	10100.4	50
4	10101.1	10101.4	50
5	10102.1	10102.4	50
6	10103.1	10103.4	50
7	10104.1	10104.4	50
8	10105.1	10105.4	50
9	10106.1	10106.4	50
10	10107.1	10107.4	50
11	10108.1	10108.4	50
12	10109.1	10109.4	50
13	12457.1	12457.4	50
14	12458.1	12458.4	50
15	12459.1	12459.4	50
16	12460.1	12460.4	50
17	12461.1	12461.4	50
18	12462.1	12462.4	50
19	12463.1	12463.4	50
20	12464.1	12464.4	50
21	12465.1	12465.4	50
22	12466.1	12466.4	50
23	12467.1	12467.4	50
24	12468.1	12468.4	50

### Wire-protection

Spacing mm	7,50
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	500 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10110.1	10110.4	50
3	10111.1	10111.4	50
4	10112.1	10112.4	50
5	10113.1	10113.4	50
6	10114.1	10114.4	50
7	10115.1	10115.4	50
8	10116.1	10116.4	50
9	10117.1	10117.4	50
10	10118.1	10118.4	50
11	10119.1	10119.4	50
12	10120.1	10120.4	50
13	12469.1	12469.4	50
14	12470.1	12470.4	50
15	12471.1	12471.4	50
16	12472.1	12472.4	50
17	12473.1	12473.4	50
18	12474.1	12474.4	50
19	12475.1	12475.4	50
20	12476.1	12476.4	50
21	12477.1	12477.4	50
22	12478.1	12478.4	50
23	12479.1	12479.4	50
24	12480.1	12480.4	50

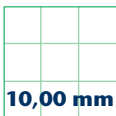
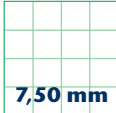
## Accessories

Marking

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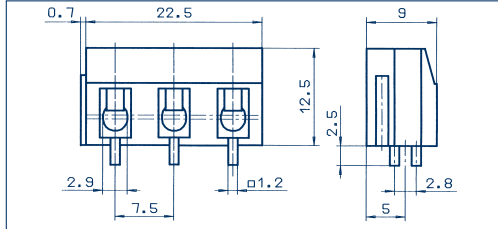
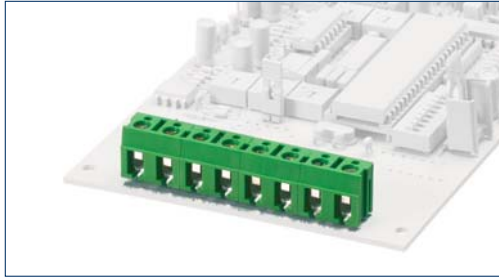
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## Terminals

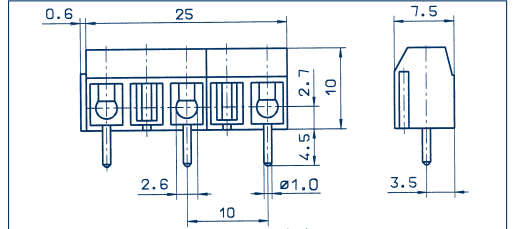
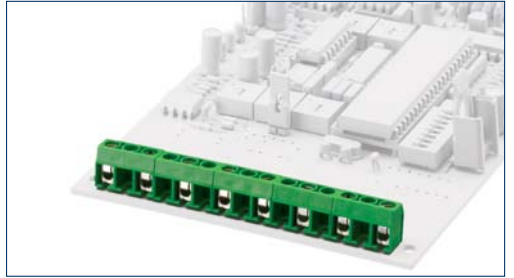


## Drawings

### PK 114/... /7,50-V vertical



### PK 500/... /10,00-V vertical



## Connection principle

### Dimensions

Spacing mm	7,50
Insulation stripping length mm	7,00
PCB hole diameter mm	2,00 x 2,80

### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

### Rating

	300 V	500 V
Rated voltage V	300 V	500 V
Rated current A	15 A	32 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	4,00
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,80 Nm/M3
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		green (Ral 6018)	dark grey (Ral 7016)	
	2	10088.1	10088.4	50
	3	10089.1	10089.4	50
	4	10090.1	10090.4	50
	5	10091.1	10091.4	50
	6	10092.1	10092.4	50
	7	10093.1	10093.4	50
	8	10094.1	10094.4	50
	9	10095.1	10095.4	50
	10	10096.1	10096.4	50
	11	10097.1	10097.4	50
	12	10098.1	10098.4	50
	13	12445.1	12445.4	50
	14	12446.1	12446.4	50
	15	12447.1	12447.4	50
	16	12448.1	12448.4	50
	17	12449.1	12449.4	50
	18	12450.1	12450.4	50
	19	12451.1	12451.4	50
	20	12452.1	12452.4	50
	21	12453.1	12453.4	50
	22	12454.1	12454.4	50
	23	12455.1	12455.4	50
	24	12456.1	12456.4	50

## Accessories

Marking

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## Wire-protection

Spacing mm	7,50
Insulation stripping length mm	7,00
PCB hole diameter mm	2,00 x 2,80

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

	300 V	500 V
Rated voltage V	300 V	500 V
Rated current A	15 A	32 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	4,00
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,80 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

	No. of poles	Cat.-No.		Qty.p.pck.
		green (Ral 6018)	dark grey (Ral 7016)	
	2	10187.1	10187.4	50
	3	10188.1	10188.4	50
	4	10189.1	10189.4	50
	5	10190.1	10190.4	50
	6	10191.1	10191.4	50
	7	10192.1	10192.4	50
	8	10193.1	10193.4	50
	9	10194.1	10194.4	50
	10	10195.1	10195.4	50
	11	10196.1	10196.4	50
	12	10197.1	10197.4	50
	13	13473.1	13473.4	50
	14	13474.1	13474.4	50
	15	13475.1	13475.4	50
	16	13476.1	13476.4	50
	17	13477.1	13477.4	50
	18	13478.1	13478.4	50
	19	13479.1	13479.4	50
	20	13480.1	13480.4	50
	21	13481.1	13481.4	50
	22	13482.1	13482.4	50
	23	13483.1	13483.4	50
	24	13484.1	13484.4	50

## Wire-protection

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

	No. of poles	Cat.-No.		Qty.p.pck.
		green (Ral 6018)	dark grey (Ral 7016)	
	2	10187.1	10187.4	50
	3	10188.1	10188.4	50
	4	10189.1	10189.4	50
	5	10190.1	10190.4	50
	6	10191.1	10191.4	50
	7	10192.1	10192.4	50
	8	10193.1	10193.4	50
	9	10194.1	10194.4	50
	10	10195.1	10195.4	50
	11	10196.1	10196.4	50
	12	10197.1	10197.4	50
	13	13473.1	13473.4	50
	14	13474.1	13474.4	50
	15	13475.1	13475.4	50
	16	13476.1	13476.4	50
	17	13477.1	13477.4	50
	18	13478.1	13478.4	50
	19	13479.1	13479.4	50
	20	13480.1	13480.4	50
	21	13481.1	13481.4	50
	22	13482.1	13482.4	50
	23	13483.1	13483.4	50
	24	13484.1	13484.4	50

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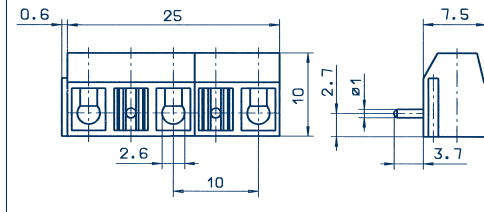
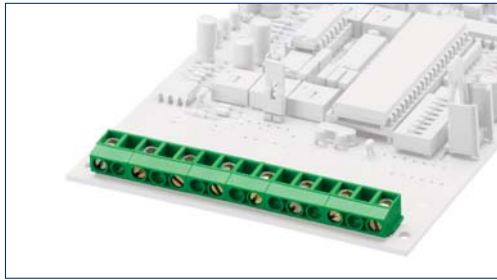
## Terminals



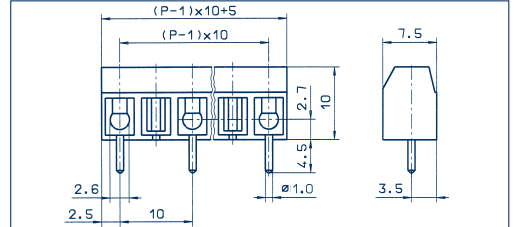
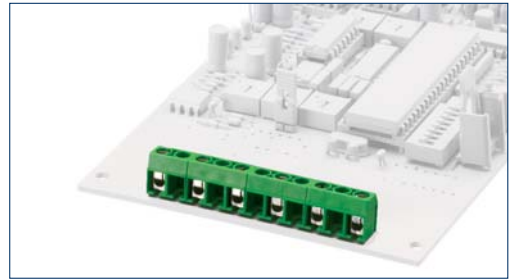
10,00 mm

## Drawings

### PK 500/... /10,00-H vertical



### PK 500/... /10,00-V-BL vertical



## Connection principle

### Dimensions

Spacing mm	10,00
Insulation stripping length mm	5,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

### Rating

Rated voltage V	300 V	750 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Wire-protection

Spacing mm	10,00
Insulation stripping length mm	5,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	750 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### No. of poles

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10209.1	10209.4	50
3	10210.1	10210.4	50
4	10211.1	10211.4	50
5	10212.1	10212.4	50
6	10213.1	10213.4	50
7	10214.1	10214.4	50
8	10215.1	10215.4	50
9	10216.1	10216.4	50
10	10217.1	10217.4	50
11	10218.1	10218.4	50
12	10219.1	10219.4	50
13	13485.1	13485.4	50
14	13486.1	13486.4	50
15	13487.1	13487.4	50
16	13488.1	13488.4	50
17	13489.1	13489.4	50
18	13490.1	13490.4	50
19	13491.1	13491.4	50
20	13492.1	13492.4	50
21	13493.1	13493.4	50
22	13494.1	13494.4	50
23	13495.1	13495.4	50
24	13496.1	13496.4	50

## Wire-protection

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	750 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### No. of poles

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10242.1	10242.4	50
3	10243.1	10243.4	50
4	10244.1	10244.4	50
5	10245.1	10245.4	50
6	10246.1	10246.4	50

## Accessories

Marking

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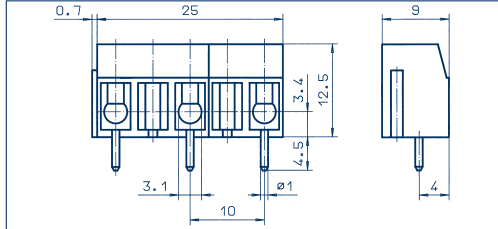
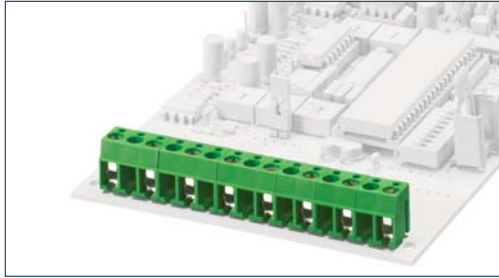
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## Terminals

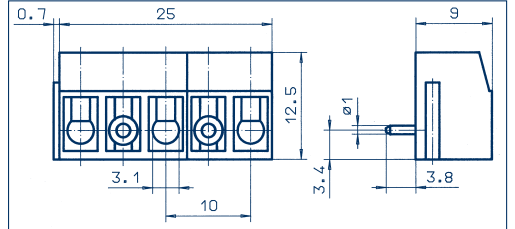
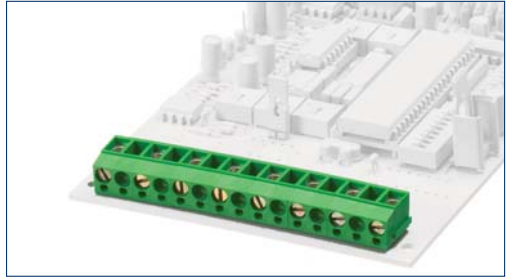


10,00 mm

## PK 100/... /10,00-V vertical



## PK 100/... /10,00-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	10,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		green (Ral 6018)	dark grey (Ral 7016)	
	2	10023.1	10023.4	50
	3	10024.1	10024.4	50
	4	10025.1	10025.4	50
	5	10026.1	10026.4	50
	6	10027.1	10027.4	50
	7	10028.1	10028.4	50
	8	10029.1	10029.4	50
	9	10030.1	10030.4	50
	10	10031.1	10031.4	50
	11	10032.1	10032.4	50
	12	10033.1	10033.4	50
	13	13497.1	13497.4	50
	14	13498.1	13498.4	50
	15	13499.1	13499.4	50
	16	13500.1	13500.4	50
	17	13501.1	13501.4	50
	18	13502.1	13501.4	50
	19	13503.1	13503.4	50
	20	13504.1	13504.4	50
	21	13505.1	13505.4	50
	22	13506.1	13506.4	50
	23	13507.1	13507.4	50
	24	13508.1	13508.4	50

#### Accessories

Marking

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### Wire-protection

Spacing mm	10,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		green (Ral 6018)	dark grey (Ral 7016)	
	2	10034.1	10034.4	50
	3	10035.1	10035.4	50
	4	10036.1	10036.4	50
	5	10037.1	10037.4	50
	6	10038.1	10038.4	50
	7	10039.1	10039.4	50
	8	10040.1	10040.4	50
	9	10041.1	10041.4	50
	10	10042.1	10042.4	50
	11	10043.1	10043.4	50
	12	10044.1	10044.4	50
	13	13509.1	13509.4	50
	14	13510.1	13510.4	50
	15	13511.1	13511.4	50
	16	13512.1	13512.4	50
	17	13513.1	13513.4	50
	18	13514.1	13514.4	50
	19	13515.1	13515.4	50
	20	13516.1	13516.4	50
	21	13517.1	13517.4	50
	22	13518.1	13518.4	50
	23	13519.1	13519.4	50
	24	13520.1	13520.4	50

### Wire-protection

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

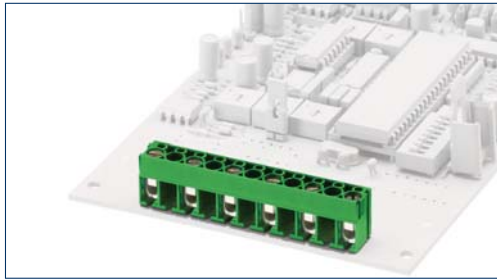
	No. of poles	Cat.-No.		Qty.p.pck.
		green (Ral 6018)	dark grey (Ral 7016)	
	2	10034.1	10034.4	50
	3	10035.1	10035.4	50
	4	10036.1	10036.4	50
	5	10037.1	10037.4	50
	6	10038.1	10038.4	50
	7	10039.1	10039.4	50
	8	10040.1	10040.4	50
	9	10041.1	10041.4	50
	10	10042.1	10042.4	50
	11	10043.1	10043.4	50
	12	10044.1	10044.4	50
	13	13509.1	13509.4	50
	14	13510.1	13510.4	50
	15	13511.1	13511.4	50
	16	13512.1	13512.4	50
	17	13513.1	13513.4	50
	18	13514.1	13514.4	50
	19	13515.1	13515.4	50
	20	13516.1	13516.4	50
	21	13517.1	13517.4	50
	22	13518.1	13518.4	50
	23	13519.1	13519.4	50
	24	13520.1	13520.4	50

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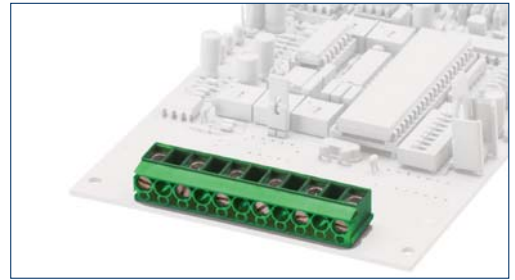
## Terminals



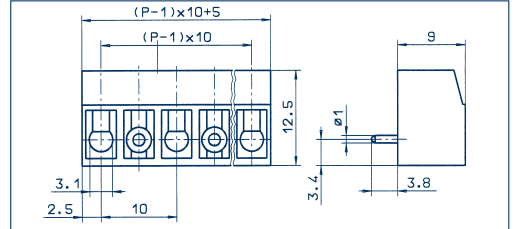
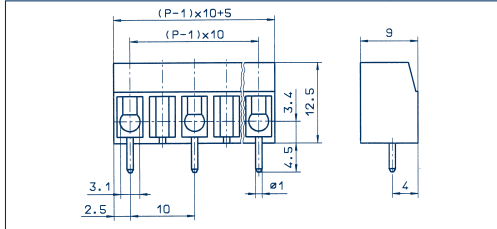
## PK 100/... /10,00-V-BL vertical



## PK 100/... /10,00-H-BL horizontal



## Drawings



## Connection principle

### Dimensions

Spacing mm	10,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

### Rating

Rated voltage V	300 V	750 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Wire-protection

Spacing mm	10,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	750 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10067.1	10067.4	50
3	10068.1	10068.4	50
4	10069.1	10069.4	50
5	10070.1	10070.4	50
6	10071.1	10071.4	50

## Wire-protection

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	750 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10072.1	10072.4	50
3	10073.1	10073.4	50
4	10074.1	10074.4	50
5	10075.1	10075.4	50
6	10076.1	10076.4	50

## Accessories

Marking

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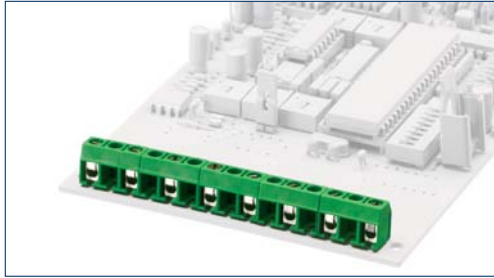
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## Terminals

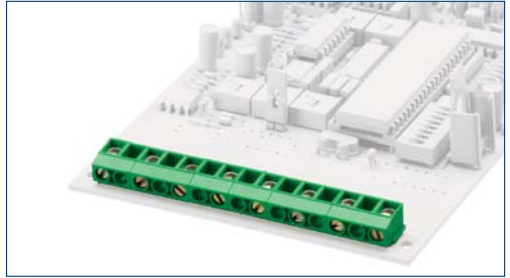


10,16 mm

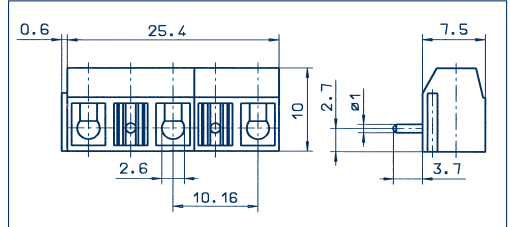
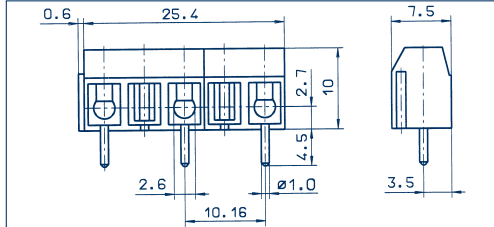
## PK 500/... /10,16-V vertical



## PK 500/... /10,16-H horizontal



## Drawings



## Connection principle

### Dimensions

Spacing mm	10,16
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

### Rating

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Wire-protection

Spacing mm	10,16
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### No. of poles

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10198.1	10198.4	50
3	10199.1	10199.4	50
4	10200.1	10200.4	50
5	10201.1	10201.4	50
6	10202.1	10202.4	50
7	10203.1	10203.4	50
8	10204.1	10204.4	50
9	10205.1	10205.4	50
10	10206.1	10206.4	50
11	10207.1	10207.4	50
12	10208.1	10208.4	50
13	13521.1	13521.4	50
14	13522.1	13522.4	50
15	13523.1	13523.4	50
16	13524.1	13524.4	50
17	13525.1	13525.4	50
18	13526.1	13526.4	50
19	13527.1	13527.4	50
20	13528.1	13528.4	50
21	13529.1	13529.4	50
22	13530.1	13530.4	50
23	13531.1	13531.4	50
24	13532.1	13532.4	50

## Wire-protection

Spacing mm	10,16
Insulation stripping length mm	5,00
PCB hole diameter mm	1,30

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	17,50 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	stainless steel
Soldering lug	–
Contact Spring	–

### No. of poles

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10220.1	10220.4	50
3	10221.1	10221.4	50
4	10222.1	10222.4	50
5	10223.1	10223.4	50
6	10224.1	10224.4	50
7	10225.1	10225.4	50
8	10226.1	10226.4	50
9	10227.1	10227.4	50
10	10228.1	10228.4	50
11	10229.1	10229.4	50
12	10230.1	10230.4	50
13	13533.1	13533.4	50
14	13534.1	13534.4	50
15	13535.1	13535.4	50
16	13536.1	13536.4	50
17	13537.1	13537.4	50
18	13538.1	13538.4	50
19	13539.1	13539.4	50
20	13540.1	13540.4	50
21	13541.1	13541.4	50
22	13542.1	13542.4	50
23	13543.1	13543.4	50
24	13544.1	13544.4	50

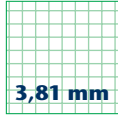
## Accessories

Marking

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## Terminals

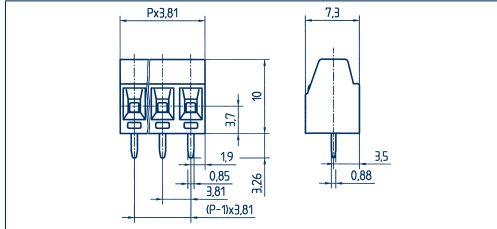
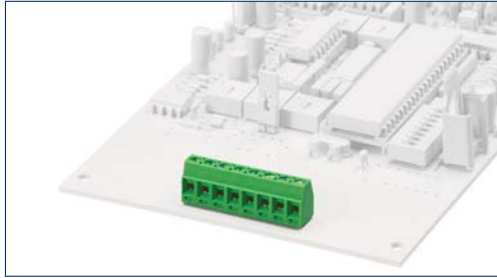


3,81 mm

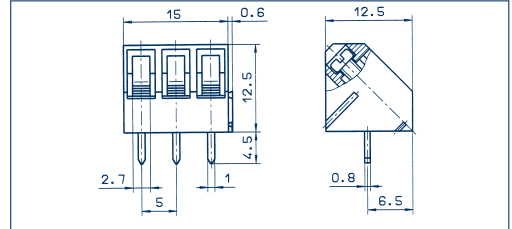
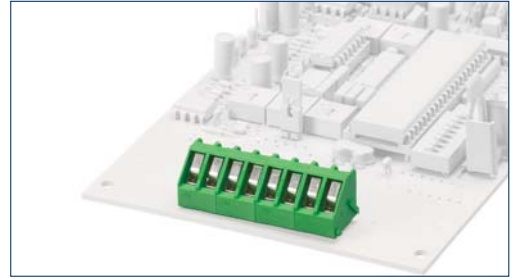
5,00 mm

## Drawings

### PKZ 602/... /3,81-V vertical



### PK 300/... /5,00



## Connection principle

### Dimensions

Spacing mm	3,81
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,50

### Rating

Rated voltage V	300 V	130 V
Rated current A	10 A	13,5 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-16	1,00
Rated surge voltage	–	1,25 kV
Rated torque/Screw size	–	0,40 Nm/M2
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Strain-relief-clamp

Spacing mm	3,81
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	0,50

Rated voltage V	300 V	130 V
Rated current A	10 A	13,5 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-16	1,00
Rated surge voltage	–	1,25 kV
Rated torque/Screw size	–	0,40 Nm/M2
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	12878.1	50
3	12879.1	50
4	12880.1	50
5	12881.1	50
6	12882.1	50
7	12883.1	50
8	12884.1	50
9	12885.1	50
10	12886.1	50
11	12887.1	50
12	12888.1	50
13	12889.1	50
14	12890.1	50
15	12891.1	50
16	12892.1	50

## Strain-relief-clamp

Spacing mm	5,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
	● dark grey (Ral 7016)	
2	10313.1	50
3	10314.1	50
4	10315.1	50
5	10316.1	50
6	10317.1	50
7	10318.1	50
8	10319.1	50
9	10320.1	50
10	10321.1	50
11	10322.1	50
12	10323.1	50
13	12553.1	50
14	12554.1	50
15	12555.1	50
16	12556.1	50
17	12557.1	50
18	12558.1	50
19	12559.1	50
20	12560.1	50
21	12561.1	50
22	12562.1	50
23	12563.1	50
24	12564.1	50

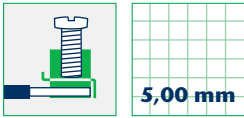
## Accessories

Marking

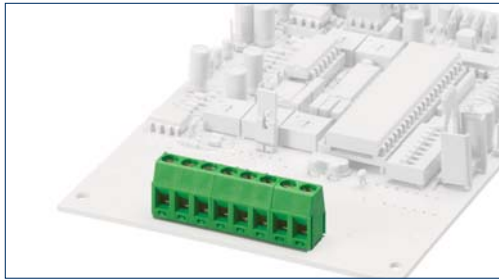
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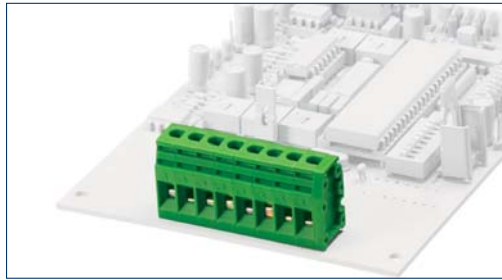
**Terminals**



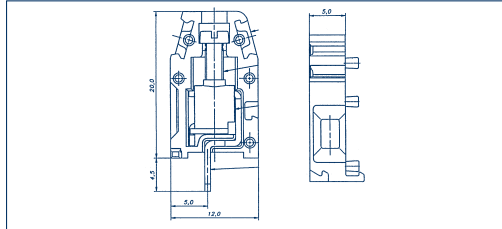
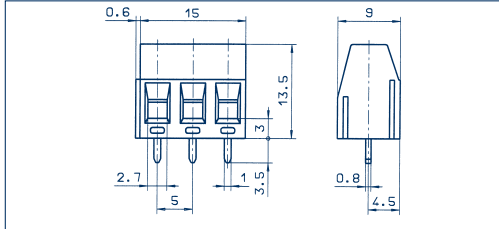
**PK 350/... /5,00-V vertical**



**PK 2,5/... /5,00 vertical**



**Drawings**



**Connection principle**

**Dimensions**

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

**Connection data**

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

**Rating**

Rated voltage V	300 V
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-12
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

**Materials**

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

**Order information**

Standard colour(s)  
(further colours on request, see page 5)

**Strain-relief-clamp**

UL	300 V	VDE	250 V
Rated current A	16 A	Rated current A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-12	Cross section max. AWG/mm <sup>2</sup>	2,50
Rated surge voltage	—	Rated surge voltage	2,00 kV
Rated torque/Screw size	—	Rated torque/Screw size	0,50 Nm/M3
Contamination degree	—	Contamination degree	—

**Order information**

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	10357.1	50
3	10358.1	50
4	10359.1	50
5	10360.1	50
6	10361.1	50
7	10362.1	50
8	10363.1	50
9	10364.1	50
10	10365.1	50
11	10366.1	50
12	10367.1	50
13	12349.1	50
14	12350.1	50
15	12351.1	50
16	12352.1	50
17	12353.1	50
18	12354.1	50
19	12355.1	50
20	12356.1	50
21	12357.1	50
22	12358.1	50
23	12359.1	50
24	12360.1	50

**Accessories**

Marking

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**Strain-relief-clamp**

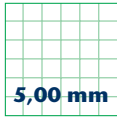
UL	250 V	CSA	300 V	VDE	250 V
Rated current A	15 A	Rated current A	15 A	Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	22-14	Cross section max. AWG/mm <sup>2</sup>	22-14	Cross section max. AWG/mm <sup>2</sup>	2,50
Rated surge voltage	—	Rated surge voltage	—	Rated surge voltage	4,00 kV
Rated torque/Screw size	—	Rated torque/Screw size	—	Rated torque/Screw size	0,60 Nm/M2,5
Contamination degree	—	Contamination degree	—	Contamination degree	—

**Order information**

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
	● orange (Ral 2011)	
2	5002.1	5002.3 50
3	5003.1	5003.3 50
4	5004.1	5004.3 50
5	5005.1	5005.3 50
6	5006.1	5006.3 50
7	5007.1	5007.3 50
8	5008.1	5008.3 50
9	5009.1	5009.3 50
10	5010.1	5010.3 50
11	5011.1	5011.3 50
12	5012.1	5012.3 50
13	5013.1	5013.3 50
14	5014.1	5014.3 50
15	5015.1	5015.3 50
16	5016.1	5016.3 50
17	5017.1	5017.3 50
18	5018.1	5018.3 50
19	5019.1	5019.3 50
20	5020.1	5020.3 50
21	5021.1	5021.3 50
22	5022.1	5022.3 50
23	5023.1	5023.3 50
24	5024.1	5024.3 50

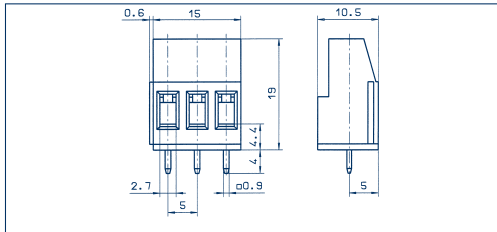
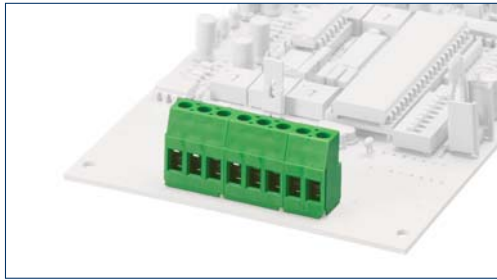
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## Terminals

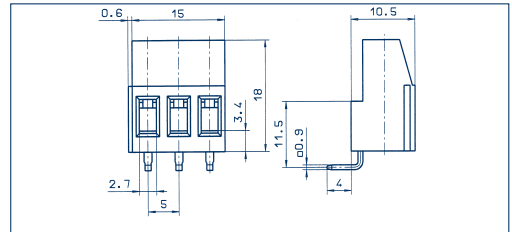
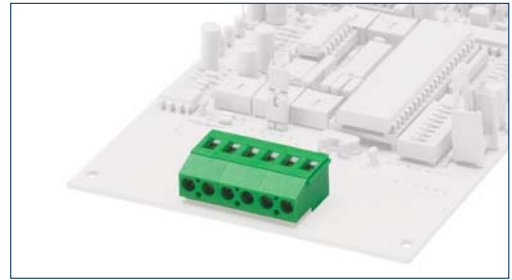


5,00 mm

## PK 700/... /5,00-V vertical



## PK 700/... /5,00-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	5,00
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Rated voltage V	300 V	250 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

No. of poles	Cat.-No.	Qty.p.pck.
--------------	----------	------------

	●		Qty.p.pck.
	green (Ral 6018)	dark grey (Ral 7016)	
2	10423.1	10423.4	50
3	10424.1	10424.4	50
4	10425.1	10425.4	50
5	10426.1	10426.4	50
6	10427.1	10427.4	50
7	10428.1	10428.4	50
8	10429.1	10429.4	50
9	10430.1	10430.4	50
10	10431.1	10431.4	50
11	10432.1	10432.4	50
12	10433.1	10433.4	50
13	12609.1	12609.4	50
14	12610.1	12610.4	50
15	12611.1	12611.4	50
16	12612.1	12612.4	50
17	12613.1	12613.4	50
18	12614.1	12614.4	50
19	12615.1	12615.4	50
20	12616.1	12616.4	50
21	12617.1	12617.4	50
22	12618.1	12618.4	50
23	12619.1	12619.4	50
24	12620.1	12620.4	50

### Strain-relief-clamp

Spacing mm	5,00
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

No. of poles	Cat.-No.	Qty.p.pck.
--------------	----------	------------

	●		Qty.p.pck.
	green (Ral 6018)	dark grey (Ral 7016)	
2	10445.1	10445.4	50
3	10446.1	10446.4	50
4	10447.1	10447.4	50
5	10448.1	10448.4	50
6	10449.1	10449.4	50
7	10450.1	10450.4	50
8	10451.1	10451.4	50
9	10452.1	10452.4	50
10	10453.1	10453.4	50
11	10454.1	10454.4	50
12	10455.1	10455.4	50
13	12633.1	12633.4	50
14	12634.1	12634.4	50
15	12635.1	12635.4	50
16	12636.1	12636.4	50
17	12637.1	12637.4	50
18	12638.1	12638.4	50
19	12639.1	12639.4	50
20	12640.1	12640.4	50
21	12641.1	12641.4	50
22	12642.1	12642.4	50
23	12643.1	12643.4	50
24	12644.1	12644.4	50

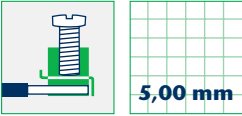
## Accessories

Marking

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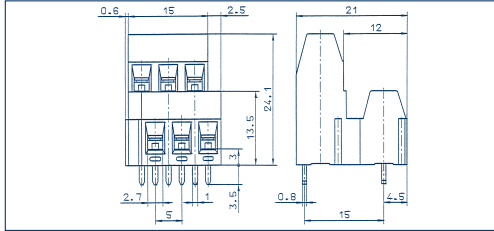
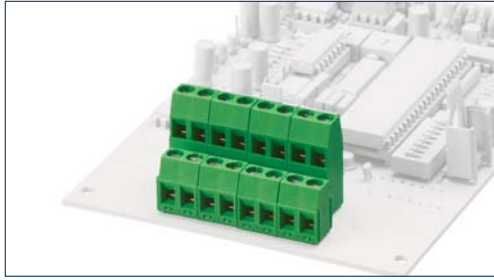
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## Terminals

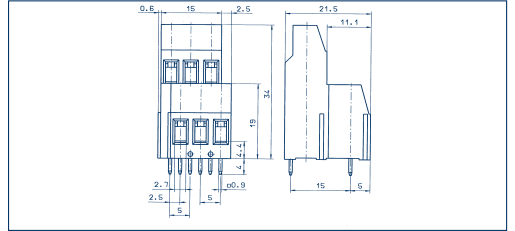
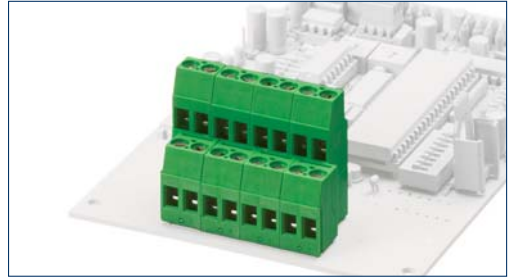


5,00 mm

## PKD 370/... /5,00-V vertical



## PKD 750/... /5,00-V vertical



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	● dark grey (Ral 7016)	
	2	10412.1	10412.4	50
	3	10413.1	10413.4	50
	4	10414.1	10414.4	50
	5	10415.1	10415.4	50
	6	10416.1	10416.4	50
	7	10417.1	10417.4	50
	8	10418.1	10418.4	50
	9	10419.1	10419.4	50
	10	10420.1	10420.4	50
	11	10421.1	10421.4	50
	12	10422.1	10422.4	50
	13	12589.1	12589.4	50
	14	12590.1	12590.4	50
	15	12591.1	12591.4	50
	16	12592.1	12592.4	50
	17	12593.1	12593.4	50
	18	12594.1	12594.4	50
	19	12595.1	12595.4	50
	20	12596.1	12596.4	50
	21	12597.1	12597.4	50
	22	12598.1	12598.4	50
	23	12599.1	12599.4	50
	24	12600.1	12600.4	50

1 pole = 2 electrical connectors

#### Accessories

Marking

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### Strain-relief-clamp

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

#### Rating

Rated voltage V	300 V	250 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

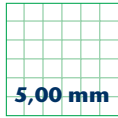
Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	● dark grey (Ral 7016)	
	2	10489.1	10489.4	50
	3	10490.1	10490.4	50
	4	10491.1	10491.4	50
	5	10492.1	10492.4	50
	6	10493.1	10493.4	50
	7	10494.1	10494.4	50
	8	10495.1	10495.4	50
	9	10496.1	10496.4	50
	10	10497.1	10497.4	50
	11	10498.1	10498.4	50
	12	10499.1	10499.4	50
	13	12681.1	12681.4	50
	14	12682.1	12682.4	50
	15	12683.1	12683.4	50
	16	12684.1	12684.4	50
	17	12685.1	12685.4	50
	18	12686.1	12686.4	50
	19	12687.1	12687.4	50
	20	12688.1	12688.4	50
	21	12689.1	12689.4	50
	22	12690.1	12690.4	50
	23	12691.1	12691.4	50
	24	12692.1	12692.4	50

1 pole = 2 electrical connectors

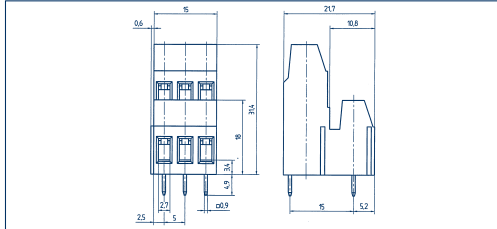
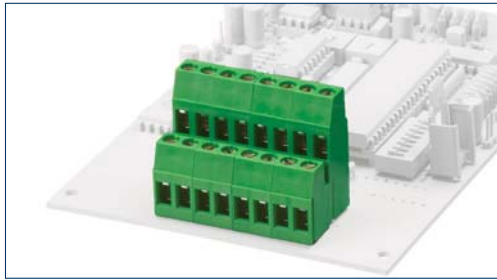
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## Terminals

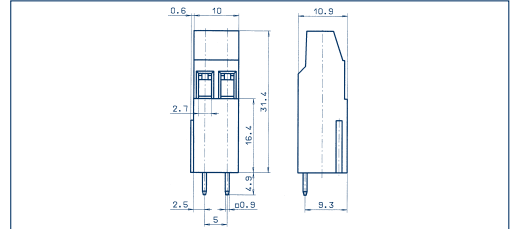
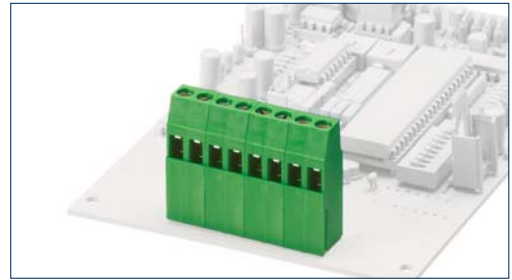


5,00 mm

## PKD 790/... /5,00-V vertical



## PKH 793/... /5,00-V vertical



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,50 Nm/M3
Contamination degree	—	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	5,00
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Rated voltage V	300 V	250 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,50 Nm/M3
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10511.1	10511.4	50
3	13163.1	13163.4	
4	10512.1	10512.4	50
5	13164.1	13164.4	
6	10513.1	10513.4	50
7	13165.1	13165.4	
8	10514.1	10514.4	50
9	13166.1	13166.4	
10	10515.1	10515.4	50
11	13167.1	13167.4	
12	10516.1	10516.4	50
13	13168.1	13168.4	
14	12701.1	12701.4	50
15	13169.1	13169.4	
16	12702.1	12702.4	50
17	13170.1	13170.4	
18	12703.1	12703.4	50
19	13171.1	13171.4	
20	12704.1	12704.4	50
21	13172.1	13172.4	
22	12705.1	12705.4	50
23	13173.1	13173.4	
24	12706.1	12706.4	50

1 pole = 2 electrical connectors

#### Accessories

Marking

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### Strain-relief-clamp

Spacing mm	5,00
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Rated voltage V	300 V	250 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,50 Nm/M3
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10517.1	10517.4	50
3	—	—	
4	10518.1	10518.4	50
5	—	—	
6	10519.1	10519.4	50
7	—	—	
8	10520.1	10520.4	50
9	—	—	
10	10521.1	10521.4	50
11	—	—	
12	10522.1	10522.4	50
13	—	—	
14	12708.1	12708.4	50
15	—	—	
16	12709.1	12709.4	50
17	—	—	
18	12710.1	12710.4	50
19	—	—	
20	12711.1	12711.4	50
21	—	—	
22	12712.1	12712.4	50
23	—	—	
24	12713.1	12713.4	50

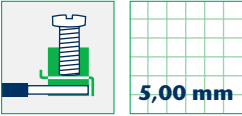
1 pole = 2 electrical connectors

#### Accessories

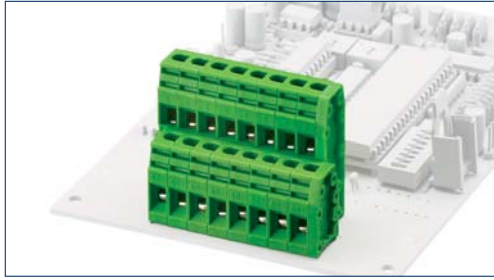
Marking

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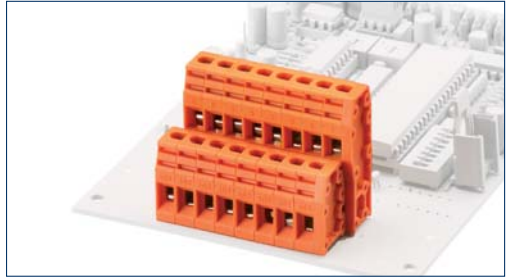
## Terminals



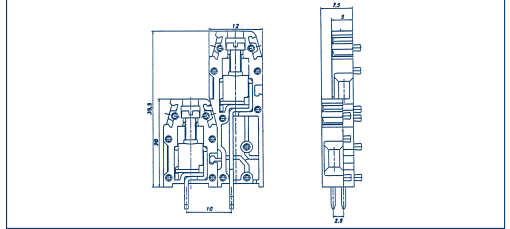
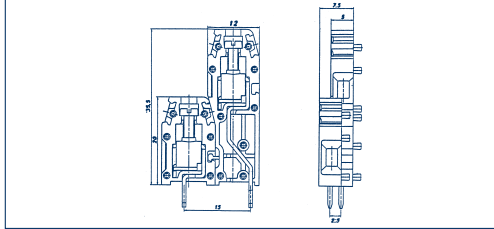
## PKDL 2,5/... /5,00 vertical



## PKDR 2,5/... /5,00 vertical



## Drawings



## Connection principle

### Dimensions

Spacing mm	5,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	—

### Rating

Rated voltage V	250 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	22-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

### Materials

Insulating material/Flammability class	PA 6.6 V2 / UL 94 V2
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Strain-relief-clamp

5,00

7,00

1,30

4,00

2,50

—

UL

CSA



250 V

300 V

760 V

15 A

15 A

13 A

22-14

22-14

2,50

—

4,00 kV

—

0,60 Nm/M2,5

—

—

## Strain-relief-clamp

5,00

7,00

1,30

4,00

2,50

—

UL

CSA



250 V

300 V

760 V

15 A

15 A

13 A

22-14

22-14

2,50

—

4,00 kV

—

0,60 Nm/M2,5

—

—

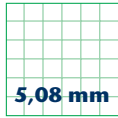
## Accessories

Marking

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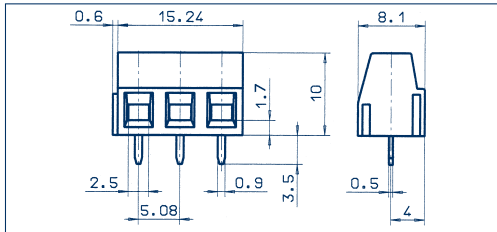
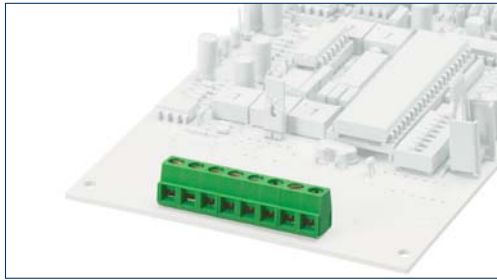
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## Terminals

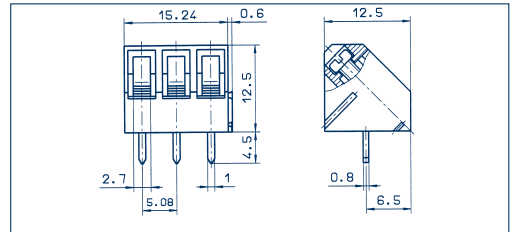
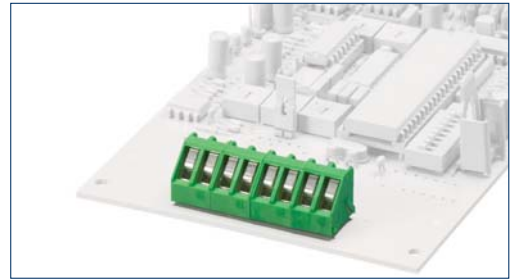


5,08 mm

## PK 250/... /5,08-V vertical



## PK 300/... /5,08



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	13 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	15 A	13 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	1,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10291.1	10291.4	50
3	10292.1	10292.4	50
4	10293.1	10293.4	50
5	10294.1	10294.4	50
6	10295.1	10295.4	50
7	10296.1	10296.4	50
8	10297.1	10297.4	50
9	10298.1	10298.4	50
10	10299.1	10299.4	50
11	10300.1	10300.4	50
12	10301.1	10301.4	50
13	12541.1	12541.4	50
14	12542.1	12542.4	50
15	12543.1	12543.4	50
16	12544.1	12544.4	50
17	12545.1	12545.4	50
18	12546.1	12546.4	50
19	12547.1	12547.4	50
20	12548.1	12548.4	50
21	12549.1	12549.4	50
22	12550.1	12550.4	50
23	12551.1	12551.4	50
24	12552.1	12552.4	50

### Strain-relief-clamp

Spacing mm	5,08
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M2,6
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	● dark grey	
	(Ral 6018)	(Ral 7016)	
2	10324.1	10324.4	50
3	10325.1	10325.4	50
4	10326.1	10326.4	50
5	10327.1	10327.4	50
6	10328.1	10328.4	50
7	10329.1	10329.4	50
8	10330.1	10330.4	50
9	10331.1	10331.4	50
10	10332.1	10332.4	50
11	10333.1	10333.4	50
12	10334.1	10334.4	50
13	12565.1	12565.4	50
14	12566.1	12566.4	50
15	12567.1	12567.4	50
16	12568.1	12568.4	50
17	12569.1	12569.4	50
18	12570.1	12570.4	50
19	12571.1	12571.4	50
20	12572.1	12572.4	50
21	12573.1	12573.4	50
22	12574.1	12574.4	50
23	12575.1	12575.4	50
24	12576.1	12576.4	50

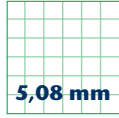
## Accessories

Marking

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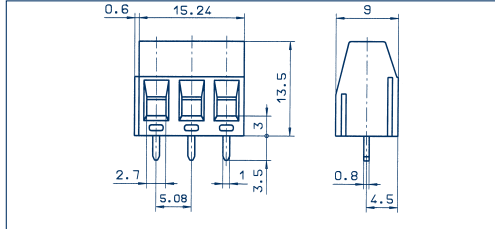
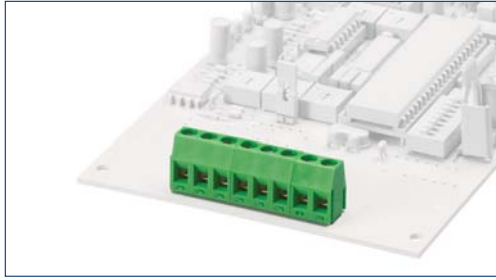
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## Terminals

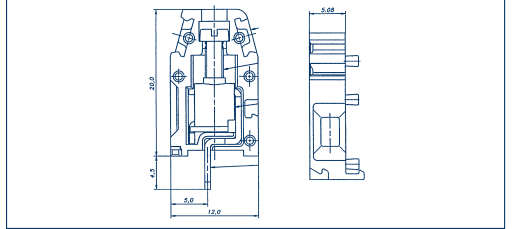
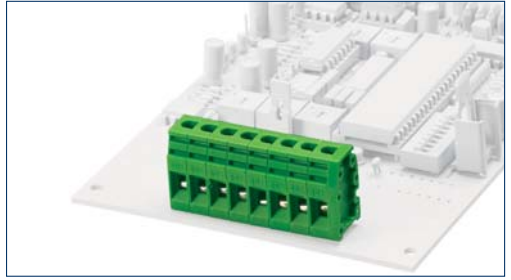


5,08 mm

## PK 350/... /5,08-V vertical



## PK 2,5/... /5,08 vertical



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 VB
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-12
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.		Qty.p.pck.
					●	●	
		●			●	●	
		green			green	orange	
		(Ral 6018)			(Ral 6018)	(Ral 2011)	
	2	10368.1	50	2	5102.1	5102.3	50
	3	10369.1	50	3	5103.1	5103.3	50
	4	10370.1	50	4	5104.1	5104.3	50
	5	10371.1	50	5	5105.1	5105.3	50
	6	10372.1	50	6	5106.1	5106.3	50
	7	10373.1	50	7	5107.1	5107.3	50
	8	10374.1	50	8	5108.1	5108.3	50
	9	10375.1	50	9	5109.1	5109.3	50
	10	10376.1	50	10	5110.1	5110.3	50
	11	10377.1	50	11	5111.1	5111.3	50
	12	10378.1	50	12	5112.1	5112.3	50
	13	12361.1	50	13	5113.1	5113.3	50
	14	12362.1	50	14	5114.1	5114.3	50
	15	12363.1	50	15	5115.1	5115.3	50
	16	12364.1	50	16	5116.1	5116.3	50
	17	12365.1	50	17	5117.1	5117.3	50
	18	12366.1	50	18	5118.1	5118.3	50
	19	12367.1	50	19	5119.1	5119.3	50
	20	12368.1	50	20	5120.1	5120.3	50
	21	12369.1	50	21	5121.1	5121.3	50
	22	12370.1	50	22	5122.1	5122.3	50
	23	12371.1	50	23	5123.1	5123.3	50
	24	12372.1	50	24	5124.1	5124.3	50

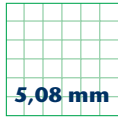
#### Accessories

Marking

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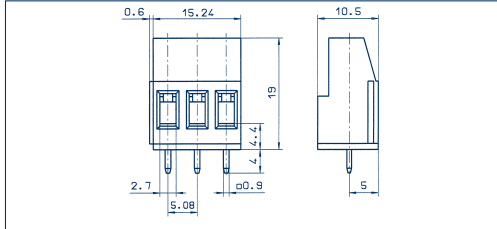
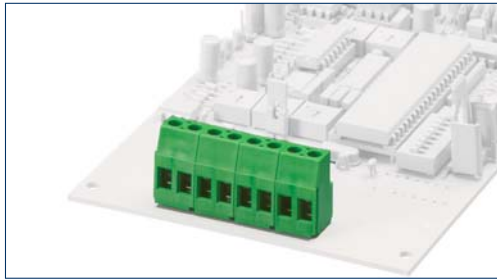
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## Terminals

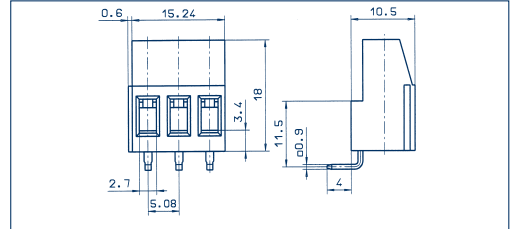
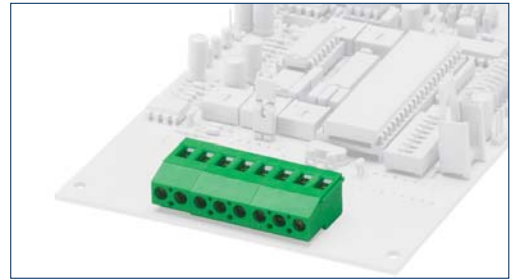


5,08 mm

## PK 700/... /5,08-V vertical



## PK 700/... /5,08-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	5,08
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Rated voltage V	300 V	250 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	● dark grey (Ral 7016)	
	2	10434.1	10434.4	50
	3	10435.1	10435.4	50
	4	10436.1	10436.4	50
	5	10437.1	10437.4	50
	6	10438.1	10438.4	50
	7	10439.1	10439.4	50
	8	10440.1	10440.4	50
	9	10441.1	10441.4	50
	10	10442.1	10442.4	50
	11	10443.1	10443.4	50
	12	10444.1	10444.4	50
	13	10621.1	10621.4	50
	14	10622.1	10622.4	50
	15	10623.1	10623.4	50
	16	10624.1	10624.4	50
	17	10625.1	10625.4	50
	18	10626.1	10626.4	50
	19	10627.1	10627.4	50
	20	10628.1	10628.4	50
	21	10629.1	10629.4	50
	22	10630.1	10630.4	50
	23	10631.1	10631.4	50
	24	10632.1	10632.4	50

### Strain-relief-clamp

Spacing mm	5,08
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	2,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	● dark grey (Ral 7016)	
	2	10456.1	10456.4	50
	3	10457.1	10457.4	50
	4	10458.1	10458.4	50
	5	10459.1	10459.4	50
	6	10460.1	10460.4	50
	7	10461.1	10461.4	50
	8	10462.1	10462.4	50
	9	10463.1	10463.4	50
	10	10464.1	10464.4	50
	11	10465.1	10465.4	50
	12	10466.1	10466.4	50
	13	12645.1	12645.4	50
	14	12646.1	12646.4	50
	15	12647.1	12647.4	50
	16	12648.1	12648.4	50
	17	12649.1	12649.4	50
	18	12650.1	12650.4	50
	19	12651.1	12651.4	50
	20	12652.1	12652.4	50
	21	12653.1	12653.4	50
	22	12654.1	12654.4	50
	23	12655.1	12655.4	50
	24	12656.1	12656.4	50

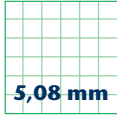
## Accessories

Marking

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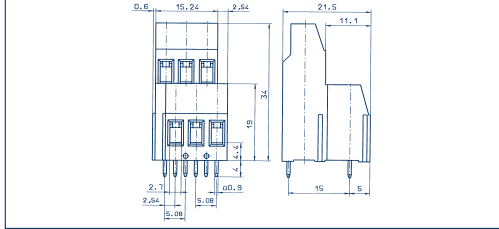
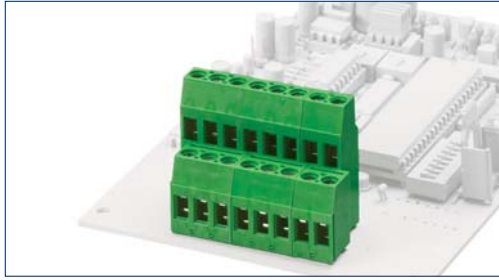
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## Terminals

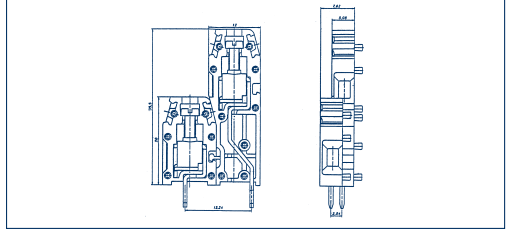
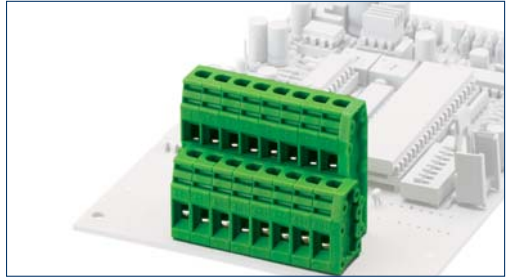


5,08 mm

## PKD 750/... /5,08-V vertical



## PKDL 2,5/... /5,08 vertical



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V
Rated current A	20 A
Cross section max. AWG/mm <sup>2</sup>	30-12
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.	No. of poles	Cat.-No.		Qty.p.pck.
		●	●			●		
		green (Ral 6018)	dark grey (Ral 7016)			green (Ral 6018)		
	2	10500.1	10500.4	50	2	—		
	3	10501.1	10501.4	50	3	—		
	4	10502.1	10502.4	50	4	5304.1	50	
	5	10503.1	10503.4	50	5	—		
	6	10504.1	10504.4	50	6	5306.1	50	
	7	10505.1	10505.4	50	7	—		
	8	10506.1	10506.4	50	8	5308.1	50	
	9	10507.1	10507.4	50	9	—		
	10	10508.1	10508.4	50	10	5310.1	50	
	11	10509.1	10509.4	50	11	—		
	12	10510.1	10510.4	50	12	5312.1	50	
	13	12789.1	12789.4	50	13	—		
	14	12790.1	12790.4	50	14	5314.1	50	
	15	12791.1	12791.4	50	15	—		
	16	12792.1	12792.4	50	16	5316.1	50	
	17	12793.1	12793.4	50	17	—		
	18	12794.1	12794.4	50	18	5318.1	50	
	19	12795.1	12795.4	50	19	—		
	20	12796.1	12796.4	50	20	5320.1	50	
	21	12797.1	12797.4	50	21	—		
	22	12798.1	12798.4	50	22	5322.1	50	
	23	12799.1	12799.4	50	23	—		
	24	12800.1	12800.4	50	24	5324.1	50	

1 pole = 2 electrical connectors

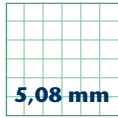
#### Accessories

Marking

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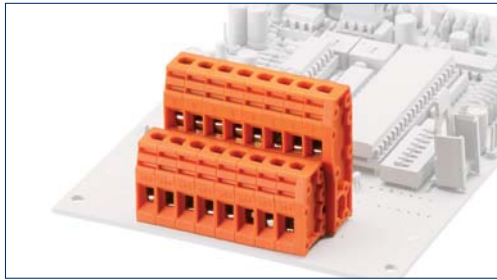
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## Terminals



5,08 mm

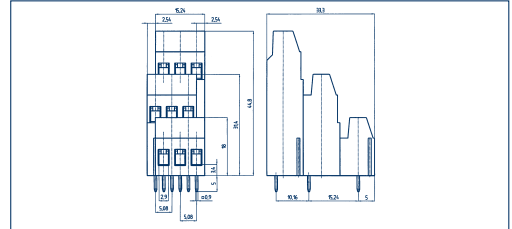
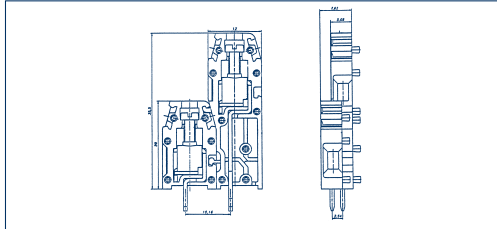
## PKDR 2,5/... /5,08 vertical



## PKDZ 770/... /5,08-V vertical



## Drawings



## Connection principle

### Dimensions

Spacing mm	5,08
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	—

### Rating

	UL	CSA	VDE
Rated voltage V	250 V	300 V	250 V
Rated current A	15 A	15 A	13 A
Cross section max. AWG/mm <sup>2</sup>	22-14	22-14	2,50
Rated surge voltage	—	—	4,00 kV
Rated torque/Screw size	—	—	0,60 Nm/M2,5
Contamination degree	—	—	—

### Materials

Insulating material/Flammability class	PA 6.6 V2 / UL 94 V2
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Strain-relief-clamp

Spacing mm	5,08
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	—

	UL	CSA	VDE
Rated voltage V	250 V	300 V	250 V
Rated current A	15 A	15 A	13 A
Cross section max. AWG/mm <sup>2</sup>	22-14	22-14	2,50
Rated surge voltage	—	—	4,00 kV
Rated torque/Screw size	—	—	0,60 Nm/M2,5
Contamination degree	—	—	—

Insulating material/Flammability class	PA 6.6 V2 / UL 94 V2
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	orange (Ral 2011)	

No. of poles	Cat.-No.	Qty.p.pck.
2	—	
3	—	
4	5304.3	50
5	—	
6	5306.3	50
7	—	
8	5308.3	50
9	—	
10	5310.3	50
11	—	
12	5312.3	50
13	—	
14	5314.3	50
15	—	
16	5316.3	50
17	—	
18	5318.3	50
19	—	
20	5320.3	50
21	—	
22	5322.3	50
23	—	
24	5324.3	50

## Strain-relief-clamp

Spacing mm	5,08
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

	UL	VDE
Rated voltage V	300 V	250 V
Rated current A	20 A	22 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	0,50 Nm/M3
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	green (Ral 6018)	

No. of poles	Cat.-No.	Qty.p.pck.
2	12924.1	50
3	12925.1	50
4	12926.1	50
5	12927.1	50
6	12928.1	50
7	12929.1	50
8	12930.1	50
9	12931.1	50
10	12932.1	50
11	12933.1	50
12	12934.1	50
13	12935.1	50
14	12936.1	50
15	12937.1	50
16	12938.1	50
17	12939.1	50
18	12940.1	50
19	12941.1	50
20	12942.1	50
21	12943.1	50
22	12944.1	50
23	12945.1	50
24	12946.1	50

1 pole = 2 electrical connectors

## Accessories

Marking

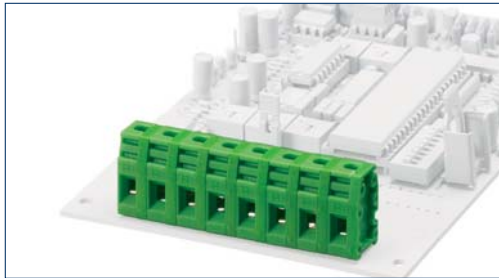
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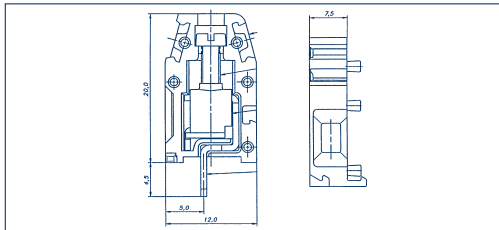
**Terminals**



**PK 2,5/... /7,50 vertical**



**Drawings**



**Connection principle**

**Dimensions**

Spacing mm	7,50
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

**Connection data**

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	–

**Rating**

	UL	CSA	VDE
Rated voltage V	250 V	300 V	450 V
Rated current A	15 A	15 A	16 A
Cross section max. AWG/mm <sup>2</sup>	22-14	22-14	2,50
Rated surge voltage	–	–	4,00 kV
Rated torque/Screw size	–	–	0,60 Nm/M2,5
Contamination degree	–	–	–

**Materials**

Insulating material/Flammability class	PA 6.6 V2 / UL 94 V2
Temperature Range	-30°C / +105°C
Clamping part	–
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

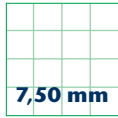
**Order information**

	No. of poles	Cat.-No.		Qty.p.pck.
Standard colour(s)		● green (Ral 6018)	● orange (Ral 2011)	
(further colours on request, see page 5)				
	2	5052.1	5052.3	50
	3	5053.1	5053.3	50
	4	5054.1	5054.3	50
	5	5055.1	5055.3	50
	6	5056.1	5056.3	50
	7	5057.1	5057.3	50
	8	5058.1	5058.3	50
	9	5059.1	5059.3	50
	10	5060.1	5060.3	50
	11	5061.1	5061.3	50
	12	5062.1	5062.3	50
	13	5063.1	5063.3	50
	14	5064.1	5064.3	50
	15	5065.1	5065.3	50
	16	5066.1	5066.3	50

**Accessories**

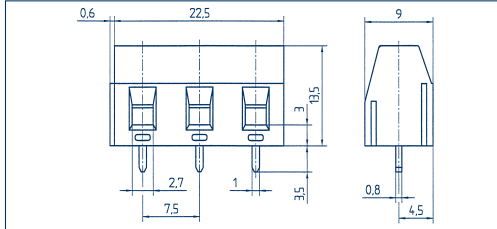
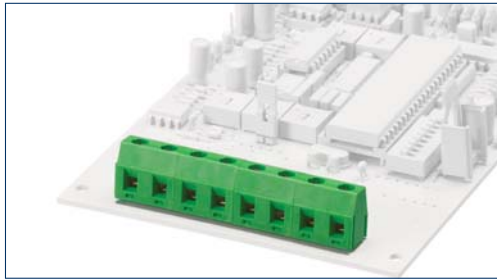
Marking	Page 126 - 129
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## Terminals

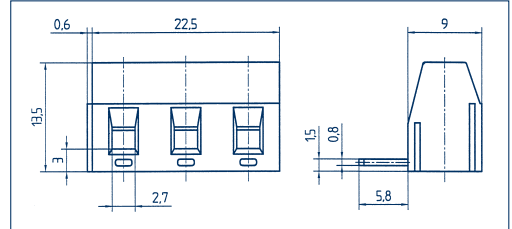
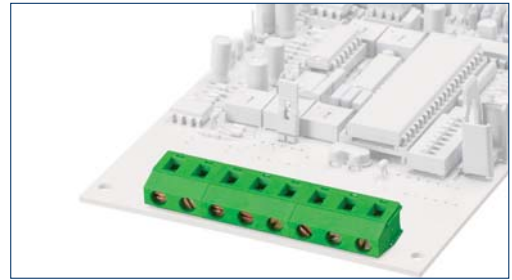


7,50 mm

## PK 360/... /7,50-V vertical



## PK 360/... /7,50-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	7,50
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	7,50
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	10401.1	10401.4	50
3	10402.1	10402.4	50
4	10403.1	10403.4	50
5	10404.1	10404.4	50
6	10405.1	10405.4	50
7	10406.1	10406.4	50
8	10407.1	10407.4	50
9	10408.1	10408.4	50
10	10409.1	10409.4	50
11	10410.1	10410.4	50
12	10411.1	10411.4	50
7	12577.1	12577.4	50
14	12578.1	12578.4	50
15	12579.1	12579.4	50
16	12580.1	12580.4	50
17	12581.1	12581.4	50
18	12582.1	12582.4	50
19	12583.1	12583.4	50
20	12584.1	12584.4	50
21	12585.1	12585.4	50
22	12586.1	12586.4	50
23	12587.1	12587.4	50
24	12588.1	12588.4	50

### Strain-relief-clamp

Spacing mm	7,50
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

	300 V	750 V
Rated voltage V	300 V	750 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	13605.1	13605.4	50
3	13606.1	13606.4	50
4	13607.1	13607.4	50
5	13608.1	13608.4	50
6	13609.1	13609.4	50
7	13610.1	13610.4	50
8	13611.1	13611.4	50
9	13612.1	13612.4	50
10	13613.1	13613.4	50
11	13614.1	13614.4	50
12	13615.1	13615.4	50
13	13616.1	13616.4	50
14	13617.1	13617.4	50
15	13618.1	13618.4	50
16	13619.1	13619.4	50
17	13620.1	13620.4	50
18	13621.1	13621.4	50
19	13622.1	13622.4	50
20	13623.1	13623.4	50
21	13624.1	13624.4	50
22	13625.1	13625.4	50
23	13626.1	13626.4	50
24	13627.1	13627.4	50

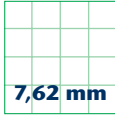
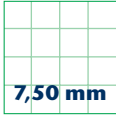
## Accessories

Marking

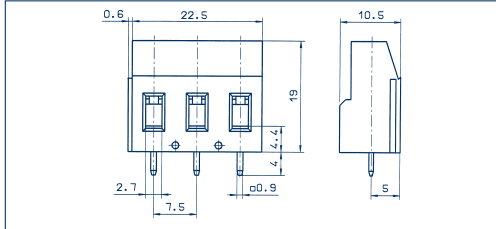
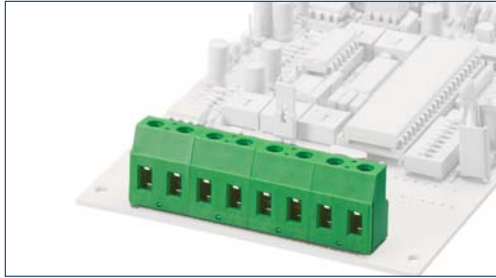
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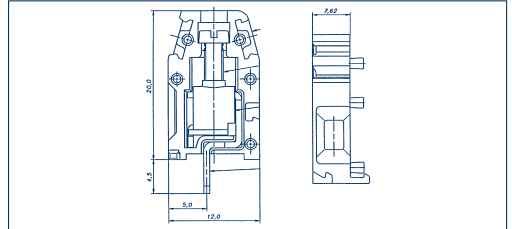
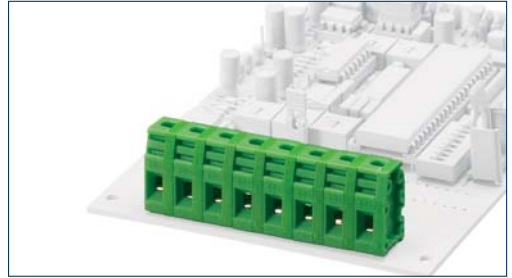
### Terminals



### PK 710/... /7,50-V vertical



### PK 2,5/... /7,62 vertical



### Drawings

#### Connection principle

#### Dimensions

Spacing mm	7,50
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V
Rated current A	20 A
Cross section max. AWG/mm <sup>2</sup>	30-12
Rated surge voltage	–
Rated torque/Screw size	–
Contamination degree	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	● dark grey (Ral 7016)	
	2	10467.1	10467.4	50
	3	10468.1	10468.4	50
	4	10469.1	10469.4	50
	5	10470.1	10470.4	50
	6	10471.1	10471.4	50
	7	10472.1	10472.4	50
	8	10473.1	10473.4	50
	9	10474.1	10474.4	50
	10	10475.1	10475.4	50
	11	10476.1	10476.4	50
	12	10477.1	10477.4	50
	13	12657.1	12657.4	50
	14	12658.1	12658.4	50
	15	12659.1	12659.4	50
	16	12660.1	12660.4	50
	17	12661.1	12661.4	50
	18	12662.1	12662.4	50
	19	12663.1	12663.4	50
	20	12664.1	12664.4	50
	21	12665.1	12665.4	50
	22	12666.1	12666.4	50
	23	12667.1	12667.4	50
	24	12668.1	12668.4	50

#### Accessories

Marking

#### Strain-relief-clamp

UL	300 V	VDE	750 V
Rated current A	20 A	Rated current A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	Cross section max. AWG/mm <sup>2</sup>	2,50
Rated surge voltage	–	Rated surge voltage	3,00 kV
Rated torque/Screw size	–	Rated torque/Screw size	0,50 Nm/M3
Contamination degree	–	Contamination degree	–

UL	250 V	Cul	300 V	VDE	450 V
Rated current A	15 A	Rated current A	15 A	Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	22-14	Cross section max. AWG/mm <sup>2</sup>	22-14	Cross section max. AWG/mm <sup>2</sup>	2,50
Rated surge voltage	–	Rated surge voltage	–	Rated surge voltage	4,00 kV
Rated torque/Screw size	–	Rated torque/Screw size	–	Rated torque/Screw size	0,60 Nm/M2,5
Contamination degree	–	Contamination degree	–	Contamination degree	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 7016)	● orange (Ral 2011)	
	2	5072.1	5072.3	50
	3	5073.1	5073.3	50
	4	5074.1	5074.3	50
	5	5075.1	5075.3	50
	6	5076.1	5076.3	50
	7	5077.1	5077.3	50
	8	5078.1	5078.3	50
	9	5079.1	5079.3	50
	10	5080.1	5080.3	50
	11	5081.1	5081.3	50
	12	5082.1	5082.3	50
	13	5083.1	5083.3	50
	14	5084.1	5084.3	50
	15	5085.1	5085.3	50
	16	5086.1	5086.3	50

#### Strain-relief-clamp

UL	250 V	Cul	300 V	VDE	450 V
Rated current A	15 A	Rated current A	15 A	Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	22-14	Cross section max. AWG/mm <sup>2</sup>	22-14	Cross section max. AWG/mm <sup>2</sup>	2,50
Rated surge voltage	–	Rated surge voltage	–	Rated surge voltage	4,00 kV
Rated torque/Screw size	–	Rated torque/Screw size	–	Rated torque/Screw size	0,60 Nm/M2,5
Contamination degree	–	Contamination degree	–	Contamination degree	–

Insulating material/Flammability class	PA 6.6 V2 / UL 94 V2
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

Insulating material/Flammability class	PA 6.6 V2 / UL 94 V2
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 7016)	● orange (Ral 2011)	
	2	5072.1	5072.3	50
	3	5073.1	5073.3	50
	4	5074.1	5074.3	50
	5	5075.1	5075.3	50
	6	5076.1	5076.3	50
	7	5077.1	5077.3	50
	8	5078.1	5078.3	50
	9	5079.1	5079.3	50
	10	5080.1	5080.3	50
	11	5081.1	5081.3	50
	12	5082.1	5082.3	50
	13	5083.1	5083.3	50
	14	5084.1	5084.3	50
	15	5085.1	5085.3	50
	16	5086.1	5086.3	50

#### Accessories

Marking

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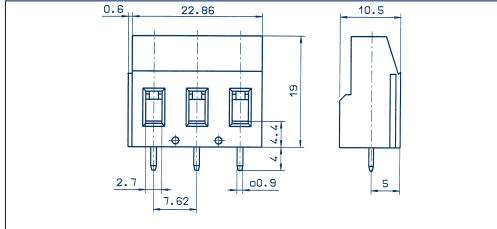
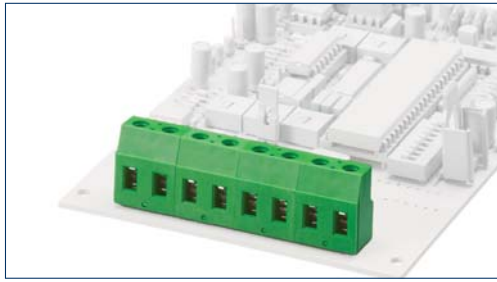
## Terminals



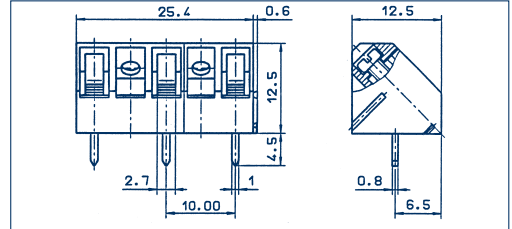
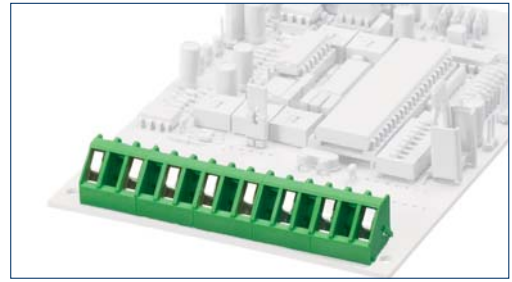
7,62 mm

10,00 mm

## PK 710/... /7,62-V vertical



## PK 300/... /10,00



## Drawings

### Connection principle

#### Dimensions

Spacing mm	7,62
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V	750 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	–	3 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	7,62
Insulation stripping length mm	8,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	4,00
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Rated voltage V	300 V	750 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	–	3 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

	●		Qty.p.pck.
	green (Ral 6018)	dark grey (Ral 7016)	
2	10478.1	10478.4	50
3	10479.1	10479.4	50
4	10480.1	10480.4	50
5	10481.1	10481.4	50
6	10482.1	10482.4	50
7	10483.1	10483.4	50
8	10484.1	10484.4	50
9	10485.1	10485.4	50
10	10486.1	10486.4	50
11	10487.1	10487.4	50
12	10488.1	10488.4	50
13	12669.1	12669.4	50
14	12670.1	12670.4	50
15	12671.1	12671.4	50
16	12672.1	12672.4	50
17	12673.1	12673.4	50
18	12674.1	12674.4	50
19	12675.1	12675.4	50
20	12676.1	12676.4	50
21	12677.1	12677.4	50
22	12678.1	12678.4	50
23	12679.1	12679.4	50
24	12680.1	12680.4	50

### Strain-relief-clamp

Spacing mm	10,00
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	–

Rated voltage V	300 V	250 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

	●		Qty.p.pck.
	green (Ral 6018)	dark grey (Ral 7016)	
2	10335.1	10335.4	50
3	10336.1	10336.4	50
4	10337.1	10337.4	50
5	10338.1	10338.4	50
6	10339.1	10339.4	50
7	10340.1	10340.4	50
8	10341.1	10341.4	50
9	10342.1	10342.4	50
10	10343.1	10343.4	50
11	10344.1	10344.4	50
12	10345.1	10345.4	50
13	13545.1	13545.4	50
14	13546.1	13546.4	50
15	13547.1	13547.4	50
16	13548.1	13548.4	50
17	13549.1	13549.4	50
18	13550.1	13550.4	50
19	13551.1	13551.4	50
20	13552.1	13552.4	50
21	13553.1	13553.4	50
22	13554.1	13554.4	50
23	13555.1	13555.4	50
24	13556.1	13556.4	50

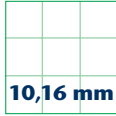
## Accessories

Marking

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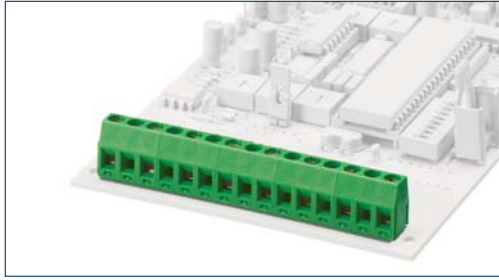
## Terminals



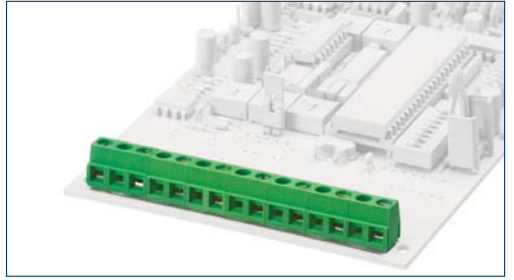
10,00 mm

10,16 mm

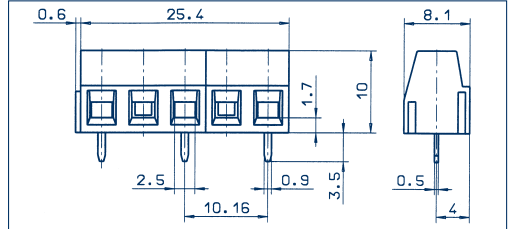
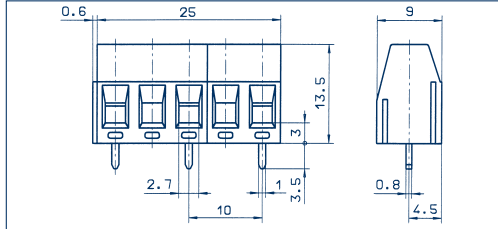
## PK 350/... /10,00-V vertical



## PK 250/... /10,16-V vertical



## Drawings



## Connection principle

### Dimensions

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

### Rating

	US	
Rated voltage V	300 V	1000 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-12	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Strain-relief-clamp

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

	US	
Rated voltage V	300 V	1000 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-12	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

### Order information

No. of poles      Cat.-No.      Qty.p.pck.

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	10379.1	50
3	10380.1	50
4	10381.1	50
5	10382.1	50
6	10383.1	50
7	10384.1	50
8	10385.1	50
9	10386.1	50
10	10387.1	50
11	10388.1	50
12	10389.1	50
13	13557.1	50
14	13558.1	50
15	13559.1	50
16	13560.1	50
17	13561.1	50
18	13562.1	50
19	13563.1	50
20	13564.1	50
21	13565.1	50
22	13566.1	50
23	13567.1	50
24	13568.1	50

## Strain-relief-clamp

Spacing mm	10,16
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

	US	
Rated voltage V	300 V	1000 V
Rated current A	15 A	13 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	1,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

### Order information

No. of poles      Cat.-No.      Qty.p.pck.

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	10302.1	50
3	10303.1	50
4	10304.1	50
5	10305.1	50
6	10306.1	50
7	10307.1	50
8	10308.1	50
9	10309.1	50
10	10310.1	50
11	10311.1	50
12	10312.1	50
13	13569.1	50
14	13570.1	50
15	13571.1	50
16	13572.1	50
17	13573.1	50
18	13574.1	50
19	13575.1	50
20	13576.1	50
21	13577.1	50
22	13578.1	50
23	13579.1	50
24	13580.1	50

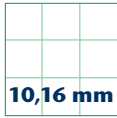
## Accessories

Marking

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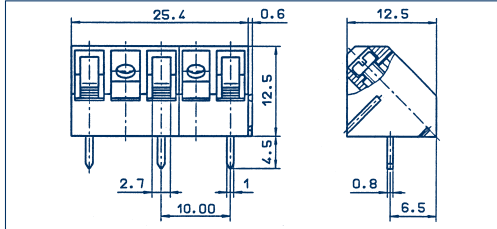
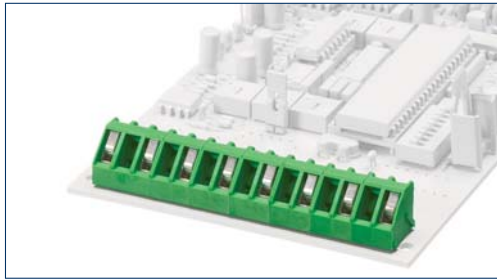
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## Terminals

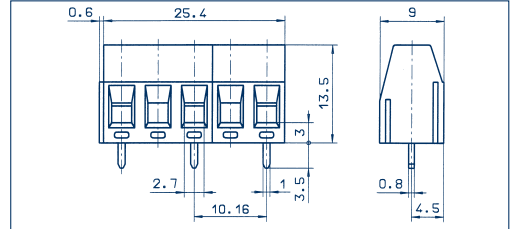
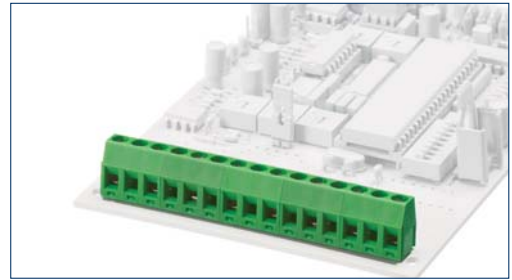


10,16 mm

## PK 300/... /10,16



## PK 350/... /10,16-V vertical



## Drawings

### Connection principle

#### Dimensions

Spacing mm	10,16
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	1000 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	10,16
Insulation stripping length mm	7,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	1000 V
Rated current A	15 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	● dark grey (Ral 7016)	
	2	10346.1	10346.4	50
	3	10347.1	10347.4	50
	4	10348.1	10348.4	50
	5	10349.1	10349.4	50
	6	10350.1	10350.4	50
	7	10351.1	10351.4	50
	8	10352.1	10352.4	50
	9	10353.1	10353.4	50
	10	10354.1	10354.4	50
	11	10355.1	10355.4	50
	12	10356.1	10356.4	50
	13	13581.1	13581.4	50
	14	13582.1	13582.4	50
	15	13583.1	13583.4	50
	16	13584.1	13584.4	50
	17	13585.1	13585.4	50
	18	13586.1	13586.4	50
	19	13587.1	13587.4	50
	20	13588.1	13588.4	50
	21	13589.1	13589.4	50
	22	13590.1	13590.4	50
	23	13591.1	13591.4	50
	24	13592.1	13592.4	50

### Strain-relief-clamp

Spacing mm	10,16
Insulation stripping length mm	6,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 VB	1000 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-12	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	0,50 Nm/M3
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

No. of poles      Cat.-No.      Qty.p.pck.

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 7016)		
	2	10390.1		50
	3	10391.1		50
	4	10392.1		50
	5	10393.1		50
	6	10394.1		50
	7	10395.1		50
	8	10396.1		50
	9	10397.1		50
	10	10398.1		50
	11	10399.1		50
	12	10400.1		50
	13	13593.1		50
	14	13594.1		50
	15	13595.1		50
	16	13596.1		50
	17	13597.1		50
	18	13598.1		50
	19	13599.1		50
	20	13600.1		50
	21	13601.1		50
	22	13602.1		50
	23	13603.1		50
	24	13604.1		50

## Accessories

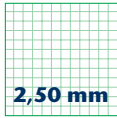
Marking

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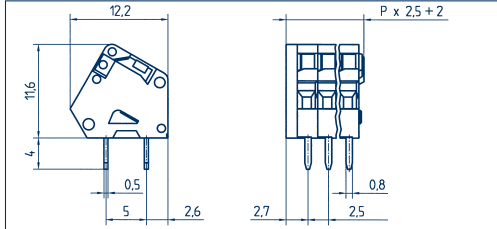
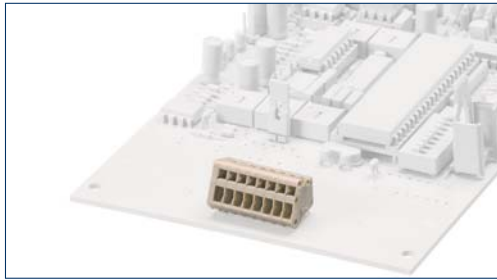


## Terminals

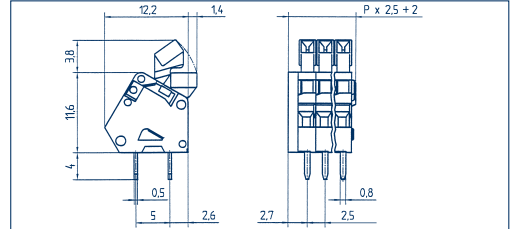
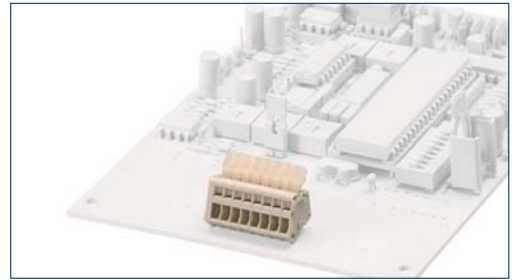


2,50 mm

## PZK 3191/... /2,50



## PZK 3191/... /2,50-KD



## Drawings

### Connection principle

#### Dimensions

Spacing mm	2,50
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10 (2x)

#### Connection data

Single wire (solid) mm <sup>2</sup>	0,50
Stranded wire (flexible) mm <sup>2</sup>	0,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,20

#### Rating

Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)	light-grey (Ral 7032)
--------------------	--------------------------

(further colours on request, see page 5)

### Tension-spring

Spacing mm	2,50
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10 (2x)
Single wire (solid) mm <sup>2</sup>	0,50
Stranded wire (flexible) mm <sup>2</sup>	0,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,20
Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—



Rated voltage V	130 V
Rated current A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	0,50
Rated surge voltage	1,25 kV
Rated torque/Screw size	—
Contamination degree	—

### Tension-spring

Spacing mm	2,50
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10 (2x)
Single wire (solid) mm <sup>2</sup>	0,50
Stranded wire (flexible) mm <sup>2</sup>	0,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,20
Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—



Rated voltage V	130 V
Rated current A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	0,50
Rated surge voltage	1,25 kV
Rated torque/Screw size	—
Contamination degree	—

No. of poles	Cat.-No.	Qty.p.pck.
	light-grey (Ral 7032)	
2	12010.0	50
3	12011.0	50
4	12012.0	50
5	12013.0	50
6	12014.0	50
7	12015.0	50
8	12016.0	50
9	12017.0	50
10	12018.0	50
11	12019.0	50
12	12020.0	50
13	12021.0	50
14	12022.0	50
15	12023.0	50
16	12024.0	50
17	12025.0	50
18	12026.0	50
19	12027.0	50
20	12028.0	50
21	12029.0	50
22	12030.0	50
23	12031.0	50
24	12032.0	50

No. of poles	Cat.-No.	Qty.p.pck.
	light-grey (Ral 7032)	
2	12057.0	50
3	12058.0	50
4	12059.0	50
5	12060.0	50
6	12061.0	50
7	12062.0	50
8	12063.0	50
9	12064.0	50
10	12065.0	50
11	12066.0	50
12	12067.0	50
13	12068.0	50
14	12069.0	50
15	12070.0	50
16	12071.0	50
17	12072.0	50
18	12073.0	50
19	12074.0	50
20	12075.0	50
21	12076.0	50
22	12077.0	50
23	12078.0	50
24	12079.0	50

## Accessories

Marking

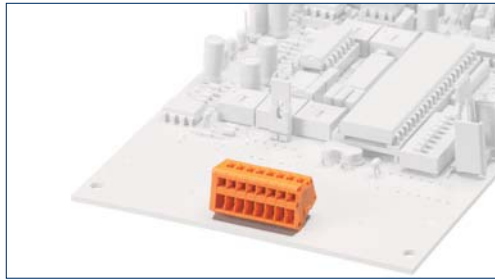
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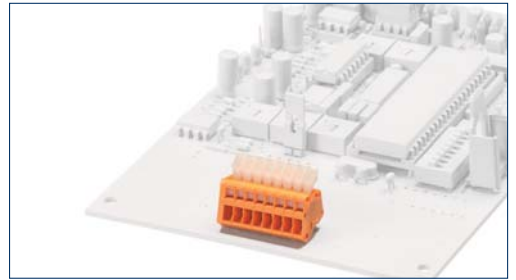
## Terminals



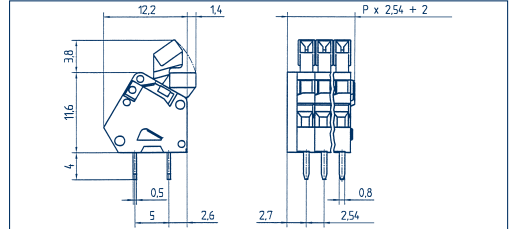
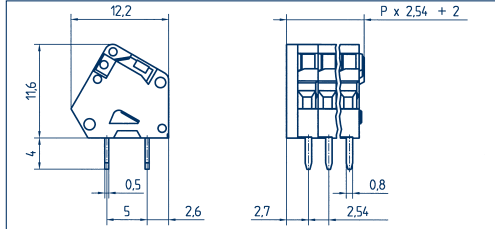
## PZK 3191/... /2,54



## PZK 3191/... /2,54-KD



## Drawings



## Connection principle

### Dimensions

Spacing mm	2,54
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10 (2x)

### Connection data

Single wire (solid) mm <sup>2</sup>	0,50
Stranded wire (flexible) mm <sup>2</sup>	0,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,20

### Rating

Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Tension-spring

Spacing mm	2,54
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10 (2x)
Single wire (solid) mm <sup>2</sup>	0,50
Stranded wire (flexible) mm <sup>2</sup>	0,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,20
Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—



Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.	Qty.p.pck.
2	12106.3	50
3	12107.3	50
4	12108.3	50
5	12109.3	50
6	12110.3	50
7	12111.3	50
8	12112.3	50
9	12113.3	50
10	12114.3	50
11	12115.3	50
12	12116.3	50
13	12117.3	50
14	12118.3	50
15	12119.3	50
16	12120.3	50
17	12121.3	50
18	12122.3	50
19	12123.3	50
20	12124.3	50
21	12125.3	50
22	12126.3	50
23	12127.3	50
24	12128.3	50

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
2	12106.3	50
3	12107.3	50
4	12108.3	50
5	12109.3	50
6	12110.3	50
7	12111.3	50
8	12112.3	50
9	12113.3	50
10	12114.3	50
11	12115.3	50
12	12116.3	50
13	12117.3	50
14	12118.3	50
15	12119.3	50
16	12120.3	50
17	12121.3	50
18	12122.3	50
19	12123.3	50
20	12124.3	50
21	12125.3	50
22	12126.3	50
23	12127.3	50
24	12128.3	50

## Tension-spring

Spacing mm	2,54
Insulation stripping length mm	5,00
PCB hole diameter mm	1,10 (2x)
Single wire (solid) mm <sup>2</sup>	0,50
Stranded wire (flexible) mm <sup>2</sup>	0,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,20
Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—



Rated voltage V	150 V
Rated current A	4 A
Cross section max. AWG/mm <sup>2</sup>	28-20 s
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.	Qty.p.pck.
2	12153.3	50
3	12154.3	50
4	12155.3	50
5	12156.3	50
6	12157.3	50
7	12158.3	50
8	12159.3	50
9	12160.3	50
10	12161.3	50
11	12162.3	50
12	12163.3	50
13	12164.3	50
14	12165.3	50
15	12166.3	50
16	12167.3	50
17	12168.3	50
18	12169.3	50
19	12170.3	50
20	12171.3	50
21	12172.3	50
22	12173.3	50
23	12174.3	50
24	12175.3	50

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
2	12153.3	50
3	12154.3	50
4	12155.3	50
5	12156.3	50
6	12157.3	50
7	12158.3	50
8	12159.3	50
9	12160.3	50
10	12161.3	50
11	12162.3	50
12	12163.3	50
13	12164.3	50
14	12165.3	50
15	12166.3	50
16	12167.3	50
17	12168.3	50
18	12169.3	50
19	12170.3	50
20	12171.3	50
21	12172.3	50
22	12173.3	50
23	12174.3	50
24	12175.3	50

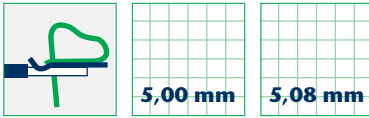
## Accessories

Marking

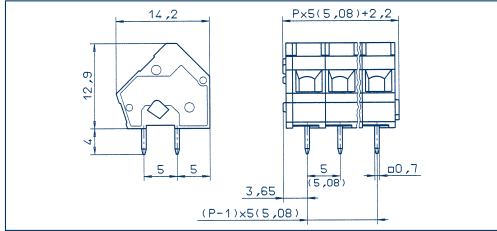
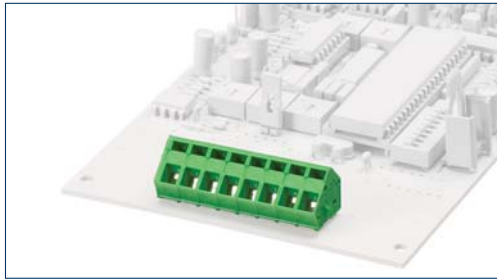
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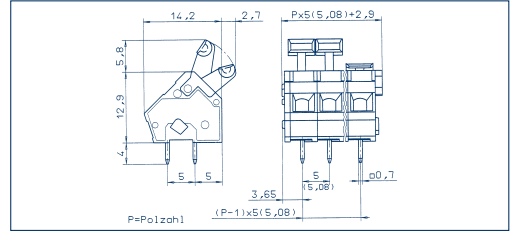
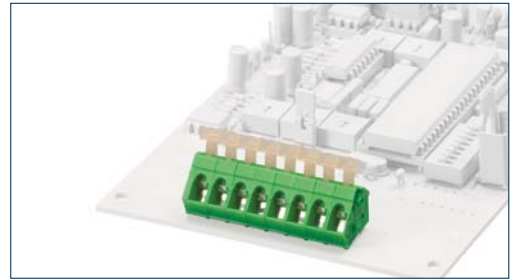
## Terminals



## PZK 3000/... /5,00/5,08



## PZK 3001/... /5,00/5,08-KD



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00/5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00 (2x)

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Tension-spring

Spacing mm	5,00/5,08	
Insulation stripping length mm	6,00	
PCB hole diameter mm	1,00 (2x)	
Single wire (solid) mm <sup>2</sup>	2,50	
Stranded wire (flexible) mm <sup>2</sup>	2,50	
Stranded wire (with ferrules) mm <sup>2</sup>	1,50	
Rated voltage V	300 V	250 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	—	
Clamping cage/Eccentric	—	
Contact pin	—	
Cage tension spring	stainless steel	
Wire protection	—	
Soldering lug	Cu	
Contact Spring	—	

No. of poles	Cat.-No.		Qty.p.pck.
--------------	----------	--	------------

	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	○ light-grey (Ral 7032)	
2	10690.1	10690.0	50
3	10691.1	10691.0	50
4	10692.1	10692.0	50
5	10693.1	10693.0	50
6	10694.1	10694.0	50
7	10695.1	10695.0	50
8	10696.1	10696.0	50
9	10697.1	10697.0	50
10	10698.1	10698.0	50
11	10699.1	10699.0	50
12	10700.1	10700.0	50
13	10701.1	10701.0	50
14	10702.1	10702.0	50
15	10703.1	10703.0	50
16	10704.1	10704.0	50
17	10705.1	10705.0	50
18	10706.1	10706.0	50
19	10707.1	10707.0	50
20	10708.1	10708.0	50
21	10709.1	10709.0	50
22	10710.1	10710.0	50
23	10711.1	10711.0	50
24	10712.1	10712.0	50

### Tension-spring

Spacing mm	5,00/5,08	
Insulation stripping length mm	6,00	
PCB hole diameter mm	1,00 (2x)	
Single wire (solid) mm <sup>2</sup>	2,50	
Stranded wire (flexible) mm <sup>2</sup>	2,50	
Stranded wire (with ferrules) mm <sup>2</sup>	1,50	
Rated voltage V	300 V	250 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	—	
Clamping cage/Eccentric	—	
Contact pin	—	
Cage tension spring	stainless steel	
Wire protection	—	
Soldering lug	Cu	
Contact Spring	—	

No. of poles	Cat.-No.		Qty.p.pck.
--------------	----------	--	------------

	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	○ light-grey (Ral 7032)	
2	10786.1	10786.0	50
3	10787.1	10787.0	50
4	10788.1	10788.0	50
5	10789.1	10789.0	50
6	10790.1	10790.0	50
7	10791.1	10791.0	50
8	10792.1	10792.0	50
9	10793.1	10793.0	50
10	10794.1	10794.0	50
11	10795.1	10795.0	50
12	10796.1	10796.0	50
13	10797.1	10797.0	50
14	10798.1	10798.0	50
15	10799.1	10799.0	50
16	10800.1	10800.0	50
17	10801.1	10801.0	50
18	10802.1	10802.0	50
19	10803.1	10803.0	50
20	10804.1	10804.0	50
21	10805.1	10805.0	50
22	10806.1	10806.0	50
23	10807.1	10807.0	50
24	10808.1	10808.0	50

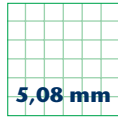
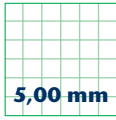
## Accessories

Marking

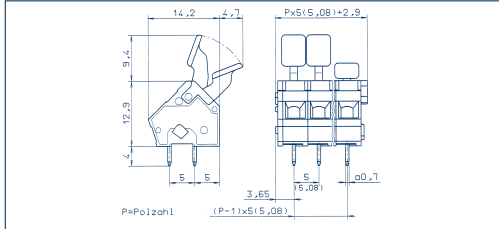
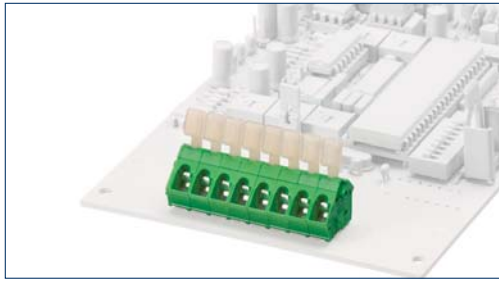
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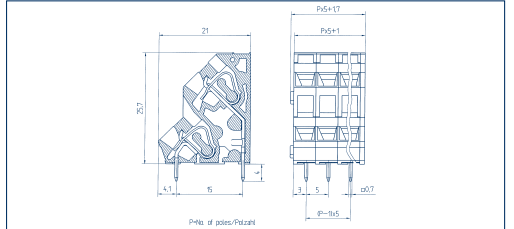
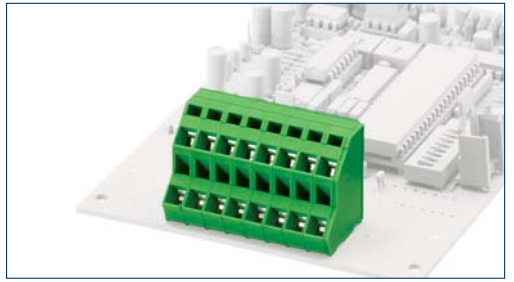
## Terminals



## PZK 3001/... /5,00/5,08-FD



## PZK 3750/... /5,00



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00/5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00 (2x)

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	○ light-grey (Ral 7032)	
	2	10834.1	10834.0	50
	3	10835.1	10835.0	50
	4	10836.1	10836.0	50
	5	10837.1	10837.0	50
	6	10838.1	10838.0	50
	7	10839.1	10839.0	50
	8	10840.1	10840.0	50
	9	10841.1	10841.0	50
	10	10842.1	10842.0	50
	11	10843.1	10843.0	50
	12	10844.1	10844.0	50
	13	10845.1	10845.0	50
	14	10846.1	10846.0	50
	15	10847.1	10847.0	50
	16	10848.1	10848.0	50
	17	10849.1	10849.0	50
	18	10850.1	10850.0	50
	19	10851.1	10851.0	50
	20	10852.1	10852.0	50
	21	10853.1	10853.0	50
	22	10854.1	10854.0	50
	23	10855.1	10855.0	50
	24	10856.1	10856.0	50

#### Accessories

Marking

### Tension-spring

Spacing mm	5,00/5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00 (2x)

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	○ light-grey (Ral 7032)	
	2	10834.1	10834.0	50
	3	10835.1	10835.0	50
	4	10836.1	10836.0	50
	5	10837.1	10837.0	50
	6	10838.1	10838.0	50
	7	10839.1	10839.0	50
	8	10840.1	10840.0	50
	9	10841.1	10841.0	50
	10	10842.1	10842.0	50
	11	10843.1	10843.0	50
	12	10844.1	10844.0	50
	13	10845.1	10845.0	50
	14	10846.1	10846.0	50
	15	10847.1	10847.0	50
	16	10848.1	10848.0	50
	17	10849.1	10849.0	50
	18	10850.1	10850.0	50
	19	10851.1	10851.0	50
	20	10852.1	10852.0	50
	21	10853.1	10853.0	50
	22	10854.1	10854.0	50
	23	10855.1	10855.0	50
	24	10856.1	10856.0	50

### Tension-spring

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00 (2x)

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	16 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

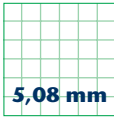
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	○ light-grey (Ral 7032)	
	2	13334.1		50
	3	13335.1		50
	4	13336.1		50
	5	13337.1		50
	6	13338.1		50
	7	13339.1		50
	8	13340.1		50
	9	13341.1		50
	10	13342.1		50
	11	13343.1		50
	12	13344.1		50
	13	13345.1		50
	14	13346.1		50
	15	13347.1		50
	16	13348.1		50
	17	13349.1		50
	18	13350.1		50
	19	13351.1		50
	20	13352.1		50
	21	13353.1		50
	22	13354.1		50
	23	13355.1		50
	24	13356.1		50

1 pole = 2 electrical connectors

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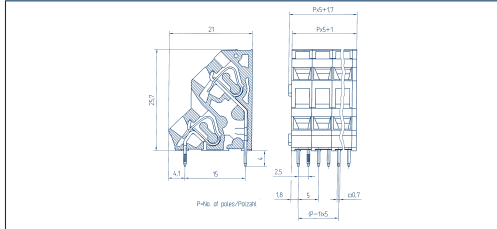
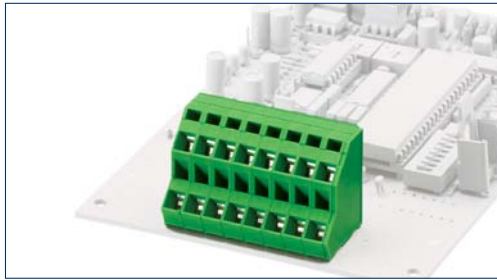
## Terminals



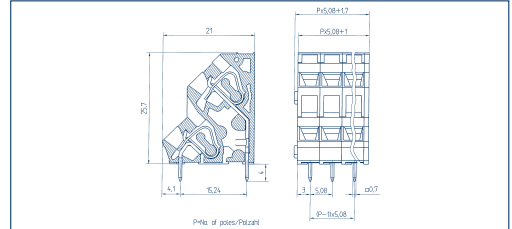
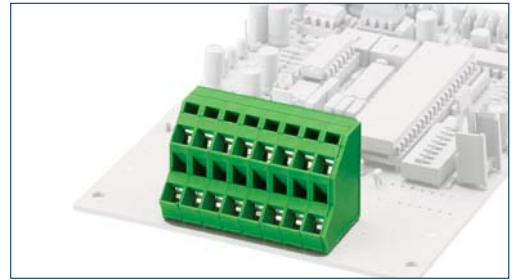
5,00 mm

5,08 mm

## PZK 3750/... /5,00-VP



## PZK 3750/... /5,08



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	250 V
Rated current A	16 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Tension-spring

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	16 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	13382.1	50
3	13383.1	50
4	13384.1	50
5	13385.1	50
6	13386.1	50
7	13387.1	50
8	13388.1	50
9	13389.1	50
10	13390.1	50
11	13391.1	50
12	13392.1	50
13	13393.1	50
14	13394.1	50
15	13395.1	50
16	13396.1	50
17	13397.1	50
18	13398.1	50
19	13399.1	50
20	13400.1	50
21	13401.1	50
22	13402.1	50
23	13403.1	50
24	13404.1	50

1 pole = 2 electrical connectors

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### Tension-spring

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	16 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	13358.1	50
3	13359.1	50
4	13360.1	50
5	13361.1	50
6	13362.1	50
7	13363.1	50
8	13364.1	50
9	13365.1	50
10	13366.1	50
11	13367.1	50
12	13368.1	50
13	13369.1	50
14	13370.1	50
15	13371.1	50
16	13372.1	50
17	13373.1	50
18	13374.1	50
19	13375.1	50
20	13376.1	50
21	13377.1	50
22	13378.1	50
23	13379.1	50
24	13380.1	50

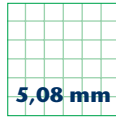
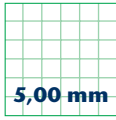
1 pole = 2 electrical connectors

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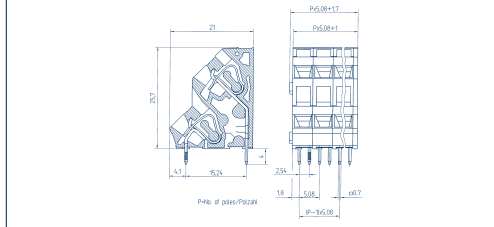
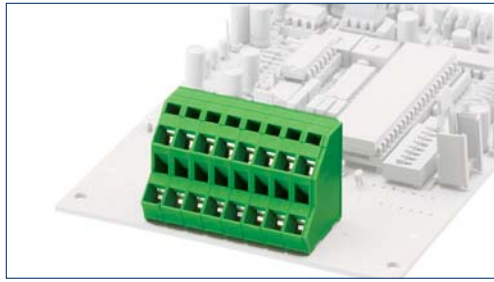
## Accessories

Marking

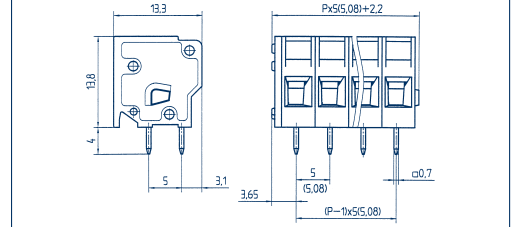
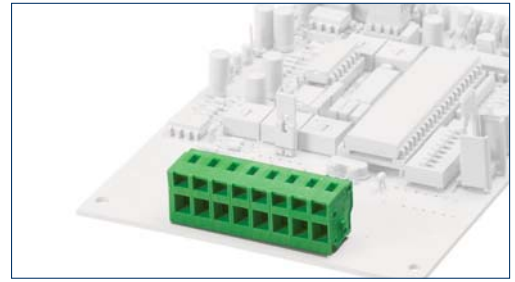
## Terminals



## PZK 3750/... /5,08-VP



## PZK 3100/... /5,00/5,08



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	Fe
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Tension-spring

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	16 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	Fe
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	13406.1	50
3	13407.1	50
4	13408.1	50
5	13409.1	50
6	13410.1	50
7	13411.1	50
8	13412.1	50
9	13413.1	50
10	13414.1	50
11	13415.1	50
12	13416.1	50
13	13417.1	50
14	13418.1	50
15	13419.1	50
16	13420.1	50
17	13421.1	50
18	13422.1	50
19	13423.1	50
20	13424.1	50
21	13425.1	50
22	13426.1	50
23	13427.1	50
24	13428.1	50

1 pole = 2 electrical connectors

### Accessories

Marking

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### Tension-spring

Spacing mm	5,00/5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	250 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	Fe
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
	○ light-grey (Ral 7032)	
2	11074.1	50
3	11075.1	50
4	11076.1	50
5	11077.1	50
6	11078.1	50
7	11079.1	50
8	11080.1	50
9	11081.1	50
10	11082.1	50
11	11083.1	50
12	11084.1	50
13	11085.1	50
14	11086.1	50
15	11087.1	50
16	11088.1	50
17	11089.1	50
18	11090.1	50
19	11091.1	50
20	11092.1	50
21	11093.1	50
22	11094.1	50
23	11095.1	50
24	11096.1	50

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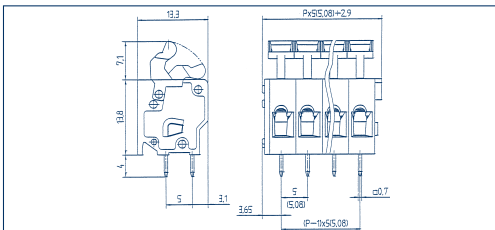
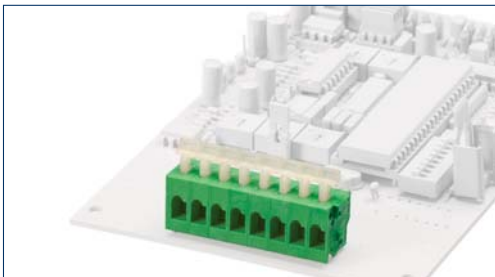
## Terminals



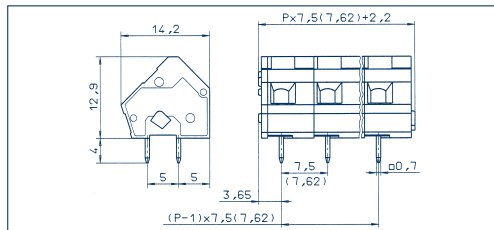
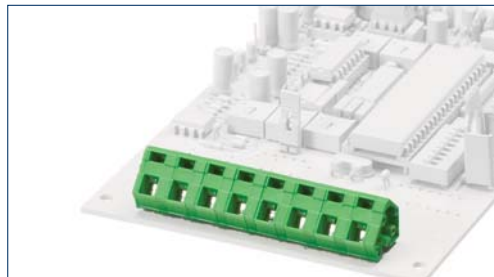
5,00 mm	5,08 mm
7,50 mm	7,62 mm

## Drawings

### PZK 3101/... /5,00/5,08-WD



### PZK 3010/... /7,50/7,62



## Connection principle

### Dimensions

Spacing mm	5,00/5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

### Rating

Rated voltage V	300 V
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Tension-spring

Spacing mm	5,00/5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.		Qty.p.pck.
	● green	○ light-grey	
	(Ral 6018)	(Ral 7032)	

2	11122.1	11122.0	50
3	11123.1	11123.0	50
4	11124.1	11124.0	50
5	11125.1	11125.0	50
6	11126.1	11126.0	50
7	11127.1	11127.0	50
8	11128.1	11128.0	50
9	11129.1	11129.0	50
10	11130.1	11130.0	50
11	11131.1	11131.0	50
12	11132.1	11132.0	50
13	11133.1	11133.0	50
14	11134.1	11134.0	50
15	11135.1	11135.0	50
16	11136.1	11136.0	50
17	11137.1	11137.0	50
18	11138.1	11138.0	50
19	11139.1	11139.0	50
20	11140.1	11140.0	50
21	11141.1	11141.0	50
22	11142.1	11142.0	50
23	11143.1	11143.0	50
24	11144.1	11144.0	50

## Tension-spring

Spacing mm	7,50/7,62
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.		Qty.p.pck.
	● green	○ light-grey	
	(Ral 6018)	(Ral 7032)	

2	10738.1	10738.0	50
3	10739.1	10739.0	50
4	10740.1	10740.0	50
5	10741.1	10741.0	50
6	10742.1	10742.0	50
7	10743.1	10743.0	50
8	10744.1	10744.0	50
9	10745.1	10745.0	50
10	10746.1	10746.0	50
11	10747.1	10747.0	50
12	10748.1	10748.0	50
13	10749.1	10749.0	50
14	10750.1	10750.0	50
15	10751.1	10751.0	50
16	10752.1	10752.0	50
17	10753.1	10753.0	50
18	10754.1	10754.0	50
19	10755.1	10755.0	50
20	10756.1	10756.0	50
21	10757.1	10757.0	50
22	10758.1	10758.0	50
23	10759.1	10759.0	50
24	10760.1	10760.0	50

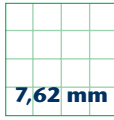
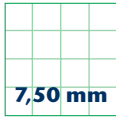
## Accessories

Marking

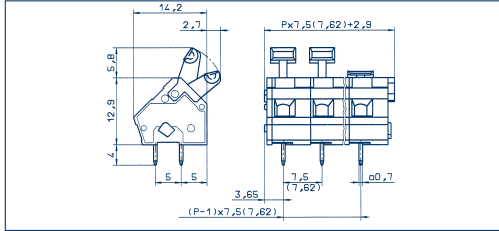
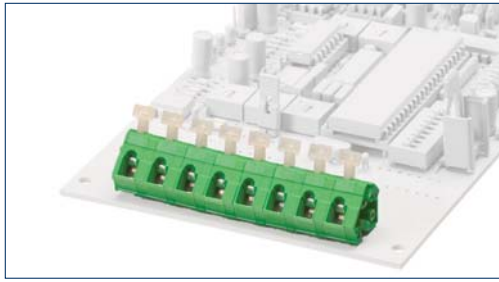
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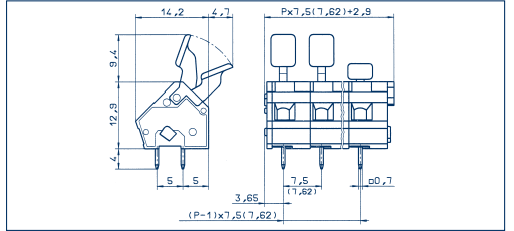
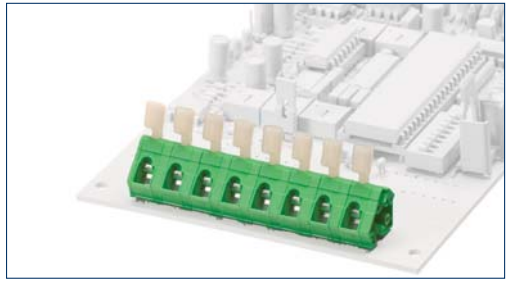
## Terminals



## PZK 3011/... /7,50/7,62-KD



## PZK 3011/... /7,50/7,62-FD



## Drawings

### Connection principle

#### Dimensions

Spacing mm	7,50/7,62
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V
Rated current A	16 A
Cross section max. AWG/mm <sup>2</sup>	28-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	○ light-grey (Ral 7032)	
	2	10882.1	10882.0	50
	3	10883.1	10883.0	50
	4	10884.1	10884.0	50
	5	10885.1	10885.0	50
	6	10886.1	10886.0	50
	7	10887.1	10887.0	50
	8	10888.1	10888.0	50
	9	10889.1	10889.0	50
	10	10890.1	10890.0	50
	11	10891.1	10891.0	50
	12	10892.1	10892.0	50
	13	10893.1	10893.0	50
	14	10894.1	10894.0	50
	15	10895.1	10895.0	50
	16	10896.1	10896.0	50
	17	10897.1	10897.0	50
	18	10898.1	10898.0	50
	19	10899.1	10899.0	50
	20	10900.1	10900.0	50
	21	10901.1	10901.0	50
	22	10903.1	10903.0	50
	24	10904.1	10904.0	50

#### Accessories

Marking

### Tension-spring

Spacing mm	7,50/7,62
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	750 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	3,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	○ light-grey (Ral 7032)	
	2	10930.1	10930.0	50
	3	10931.1	10931.0	50
	4	10932.1	10932.0	50
	5	10933.1	10933.0	50
	6	10934.1	10934.0	50
	7	10935.1	10935.0	50
	8	10936.1	10936.0	50
	9	10937.1	10937.0	50
	10	10938.1	10938.0	50
	11	10939.1	10939.0	50
	12	10940.1	10940.0	50
	13	10941.1	10941.0	50
	14	10942.1	10942.0	50
	15	10943.1	10943.0	50
	16	10944.1	10944.0	50
	17	10945.1	10945.0	50
	18	10946.1	10946.0	50
	19	10947.1	10947.0	50
	20	10948.1	10948.0	50
	21	10949.1	10949.0	50
	22	10950.1	10950.0	50
	23	10951.1	10951.0	50
	24	10952.1	10952.0	50

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### Tension-spring

Spacing mm	7,50/7,62
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	750 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	—	3,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

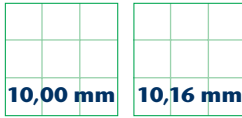
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	stainless steel
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

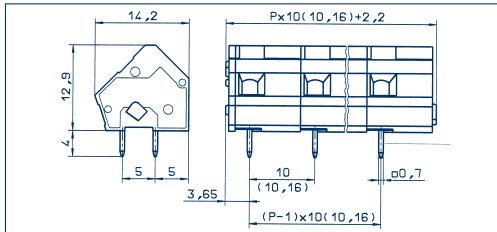
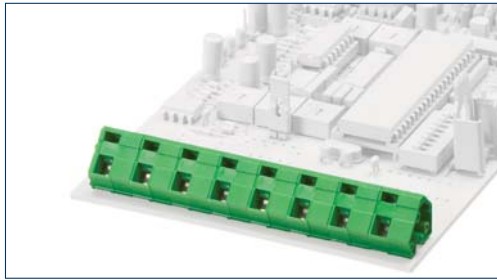
	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	○ light-grey (Ral 7032)	
	2	10930.1	10930.0	50
	3	10931.1	10931.0	50
	4	10932.1	10932.0	50
	5	10933.1	10933.0	50
	6	10934.1	10934.0	50
	7	10935.1	10935.0	50
	8	10936.1	10936.0	50
	9	10937.1	10937.0	50
	10	10938.1	10938.0	50
	11	10939.1	10939.0	50
	12	10940.1	10940.0	50
	13	10941.1	10941.0	50
	14	10942.1	10942.0	50
	15	10943.1	10943.0	50
	16	10944.1	10944.0	50
	17	10945.1	10945.0	50
	18	10946.1	10946.0	50
	19	10947.1	10947.0	50
	20	10948.1	10948.0	50
	21	10949.1	10949.0	50
	22	10950.1	10950.0	50
	23	10951.1	10951.0	50
	24	10952.1	10952.0	50

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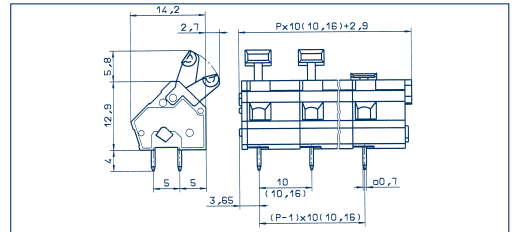
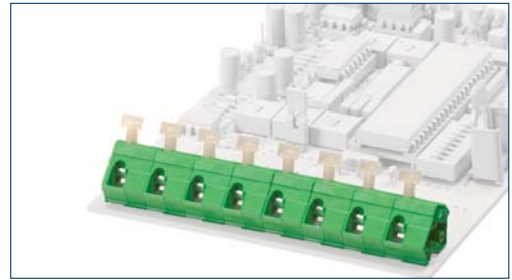
## Terminals



## PZK 3020/... /10,00/10,16



## PZK 3021/... /10,00/10,16-KD



## Drawings

### Connection principle

#### Dimensions

Spacing mm	10,00/10,16
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

#### Rating

Rated voltage V	300 V	1000 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	–
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	–
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	stainless steel
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Tension-spring

Spacing mm	10,00/10,16
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	1000 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	–
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	–
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	stainless steel
Wire protection	–
Soldering lug	Cu
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	○ light-grey	
	(Ral 6018)	(Ral 7032)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	○ light-grey	
	(Ral 6018)	(Ral 7032)	
2	10978.1	10978.0	50
3	10979.1	10979.0	50
4	10980.1	10980.0	50
5	10981.1	10981.0	50
6	10982.1	10982.0	50
7	10983.1	10983.0	50
8	10984.1	10984.0	50
9	10985.1	10985.0	50
10	10986.1	10986.0	50
11	10987.1	10987.0	50
12	10988.1	10988.0	50
13	10989.1	10989.0	50
14	10990.1	10990.0	50
15	10991.1	10991.0	50
16	10992.1	10992.0	50
17	10993.1	10993.0	50
18	10994.1	10994.0	50
19	10995.1	10995.0	50
20	10996.1	10996.0	50
21	10997.1	10997.0	50
22	10998.1	10998.0	50
23	10999.1	10999.0	50
24	11000.1	11000.0	50

### Tension-spring

Spacing mm	10,00/10,16
Insulation stripping length mm	6,00
PCB hole diameter mm	1,00(2x)
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	1,50

Rated voltage V	300 V	1000 V
Rated current A	16 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	–	3,50 kV
Rated torque/Screw size	–	–
Contamination degree	–	–

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	–
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	stainless steel
Wire protection	–
Soldering lug	Cu
Contact Spring	–

No. of poles	Cat.-No.		Qty.p.pck.
	● green	○ light-grey	
	(Ral 6018)	(Ral 7032)	

No. of poles	Cat.-No.		Qty.p.pck.
	● green	○ light-grey	
	(Ral 6018)	(Ral 7032)	
2	11026.1	11026.0	50
3	11027.1	11027.0	50
4	11028.1	11028.0	50
5	11029.1	11029.0	50
6	11030.1	11030.0	50
7	11031.1	11031.0	50
8	11032.1	11032.0	50
9	11033.1	11033.0	50
10	11034.1	11034.0	50
11	11035.1	11035.0	50
12	11036.1	11036.0	50
13	11037.1	11037.0	50
14	11038.1	11038.0	50
15	11039.1	11039.0	50
16	11040.1	11040.0	50
17	11041.1	11041.0	50
18	11042.1	11042.0	50
19	11043.1	11043.0	50
20	11044.1	11044.0	50
21	11045.1	11045.0	50
22	11046.1	11046.0	50
23	11047.1	11047.0	50
24	11048.1	11048.0	50

## Accessories

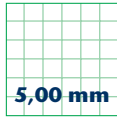
Marking

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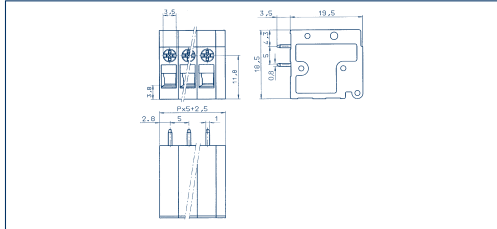
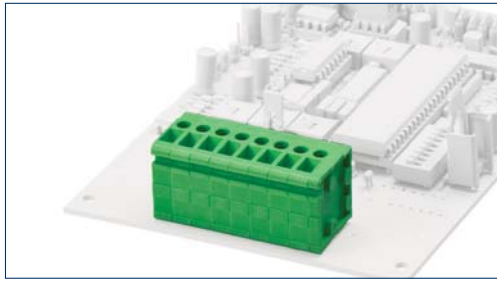

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## Terminals

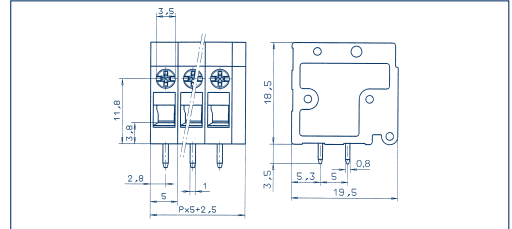
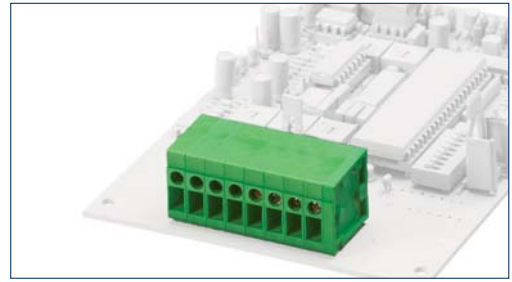


5,00 mm

## PKT 2200/... /5,00-V vertical



## PKT 2200/... /5,00-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V
Rated current A	20 A
Cross section max. AWG/mm <sup>2</sup>	30-12
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	Fe/Fe
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
2	10546.1	50
3	10547.1	50
4	10548.1	50
5	10549.1	50
6	10550.1	50
7	10551.1	50
8	10552.1	50
9	10553.1	50
10	10554.1	50
11	10555.1	50
12	10556.1	50
13	10557.1	50
14	10558.1	50
15	10559.1	50
16	10560.1	50
17	10561.1	50
18	10562.1	50
19	10563.1	50
20	10564.1	50
21	10565.1	50
22	10566.1	50
23	10567.1	50
24	10568.1	50

### Eccentric-top

Spacing mm	5,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50
Rated voltage V	250 V
Rated current A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	2,50
Rated surge voltage	2,00 kV
Rated torque/Screw size	0,5 Nm/M2,5
Contamination degree	—



Rated voltage V	300 V
Rated current A	20 A
Cross section max. AWG/mm <sup>2</sup>	30-12
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

PA 6.6 V0 / UL 94 V0  
-30°C / +105°C

Clamping part	—
Clamping cage/Eccentric	Fe/Fe
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	

No. of poles	Cat.-No.	Qty.p.pck.
2	10570.1	50
3	10571.1	50
4	10572.1	50
5	10573.1	50
6	10574.1	50
7	10575.1	50
8	10576.1	50
9	10577.1	50
10	10578.1	50
11	10579.1	50
12	10580.1	50
13	10581.1	50
14	10582.1	50
15	10583.1	50
16	10584.1	50
17	10585.1	50
18	10586.1	50
19	10587.1	50
20	10588.1	50
21	10589.1	50
22	10590.1	50
23	10591.1	50
24	10592.1	50

### Eccentric-top

Spacing mm	5,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50
Rated voltage V	300 V
Rated current A	20 A
Cross section max. AWG/mm <sup>2</sup>	30-12
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—



Rated voltage V	250 V
Rated current A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	2,50
Rated surge voltage	2,00 kV
Rated torque/Screw size	0,5 Nm/M2,5
Contamination degree	—

PA 6.6 V0 / UL 94 V0  
-30°C / +105°C

Clamping part	—
Clamping cage/Eccentric	Fe/Fe
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	

No. of poles	Cat.-No.	Qty.p.pck.
2	10570.1	50
3	10571.1	50
4	10572.1	50
5	10573.1	50
6	10574.1	50
7	10575.1	50
8	10576.1	50
9	10577.1	50
10	10578.1	50
11	10579.1	50
12	10580.1	50
13	10581.1	50
14	10582.1	50
15	10583.1	50
16	10584.1	50
17	10585.1	50
18	10586.1	50
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22	10590.1	50
23	10591.1	50
24	10592.1	50

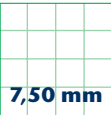
## Accessories

Marking

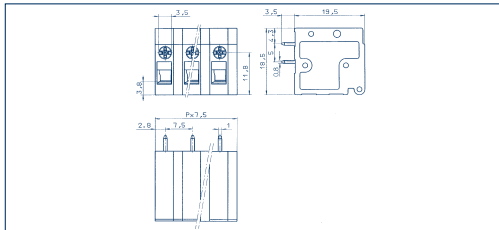
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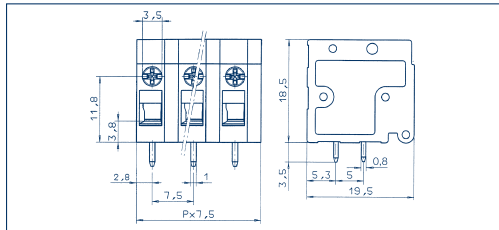
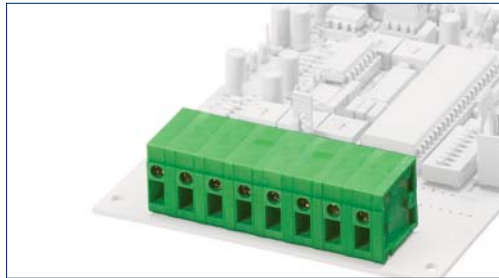
## Terminals



## PKT 2200/... /7,50-V vertical



## PKT 2200/... /7,50-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	7,50
Insulation stripping length mm	9,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	300 V	450 V
Rated current A	20 A	24 A (T60)
Cross section max. AWG/mm <sup>2</sup>	30-12	2,50
Rated surge voltage	–	3,00 kV
Rated torque/Screw size	–	0,5 Nm/M2,5
Contamination degree	–	–

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	–
Clamping cage/Eccentric	Fe/Fe
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	Cu
Contact Spring	–

#### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

	No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.	Qty.p.pck.
		● green			● green	
		(Ral 6018)			(Ral 6018)	
	2	10594.1	50	2	10618.1	50
	3	10595.1	50	3	10619.1	50
	4	10596.1	50	4	10620.1	50
	5	10597.1	50	5	10621.1	50
	6	10598.1	50	6	10622.1	50
	7	10599.1	50	7	10623.1	50
	8	10600.1	50	8	10624.1	50
	9	10601.1	50	9	10625.1	50
	10	10602.1	50	10	10626.1	50
	11	10603.1	50	11	10627.1	50
	12	10604.1	50	12	10628.1	50
	13	10605.1	50	13	10629.1	50
	14	10606.1	50	14	10630.1	50
	15	10607.1	50	15	10631.1	50
	16	10608.1	50	16	10632.1	50
	17	10609.1	50	17	10633.1	50
	18	10610.1	50	18	10634.1	50
	19	10611.1	50	19	10635.1	50
	20	10612.1	50	20	10636.1	50
	21	10613.1	50	21	10637.1	50
	22	10614.1	50	22	10638.1	50
	23	10615.1	50	23	10639.1	50
	24	10616.1	50	24	10640.1	50

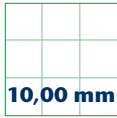
#### Accessories

Marking

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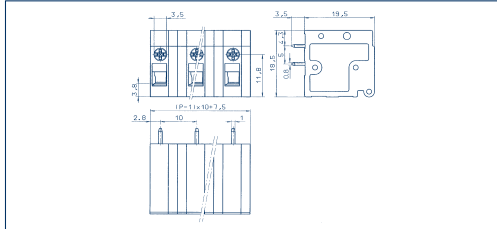
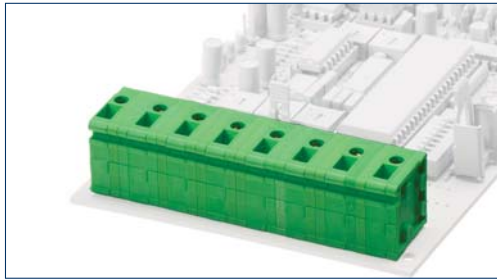
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## Terminals

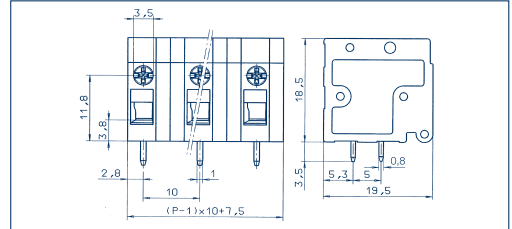
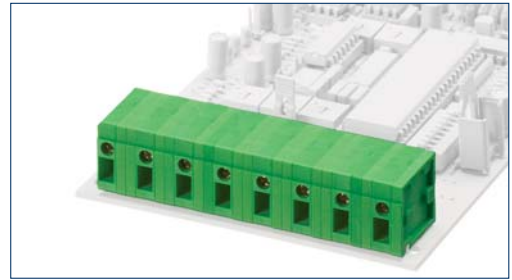


10,00 mm

## PKT 2200/... /10,00-V vertical



## PKT 2200/... /10,00-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	10,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,30

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Rating

Rated voltage V	600 V
Rated current A	20 A
Cross section max. AWG/mm <sup>2</sup>	30-12
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	Fe/Fe
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	10642.1	50
3	10643.1	50
4	10644.1	50
5	10645.1	50
6	10646.1	50
7	10647.1	50
8	10648.1	50
9	10649.1	50
10	10650.1	50
11	10651.1	50
12	10652.1	50
13	10653.1	50
14	10654.1	50
15	10655.1	50
16	10656.1	50
17	10657.1	50
18	10658.1	50
19	10659.1	50
20	10660.1	50
21	10661.1	50
22	10662.1	50
23	10663.1	50
24	10664.1	50

### Eccentric-top

Spacing mm	10,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50



600 V

20 A

30-12

—

—

—



1000 V

24 A (T60)

2,50

3,50 kV

0,5 Nm/M2,5

—

### Eccentric-top

Spacing mm	10,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,30
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50



600 V

20 A

30-12

—

—

—



1000 V

24 A (T60)

2,50

3,00 kV

0,5 Nm/M2,5

—

PA 6.6 V0 / UL 94 V0  
-30°C / +105°C

Fe/Fe

—

Cu

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	10666.1	50
3	10667.1	50
4	10668.1	50
5	10669.1	50
6	10670.1	50
7	10671.1	50
8	10672.1	50
9	10673.1	50
10	10674.1	50
11	10675.1	50
12	10676.1	50
13	10677.1	50
14	10678.1	50
15	10679.1	50
16	10680.1	50
17	10681.1	50
18	10682.1	50
19	10683.1	50
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21	10685.1	50
22	10686.1	50
23	10687.1	50
24	10688.1	50

## Accessories

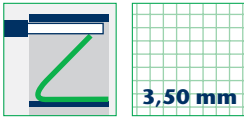
Marking

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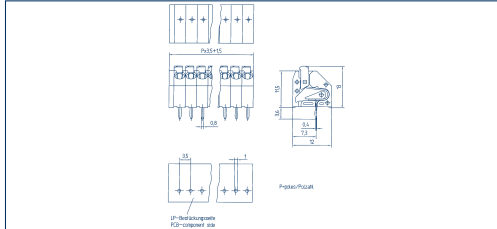
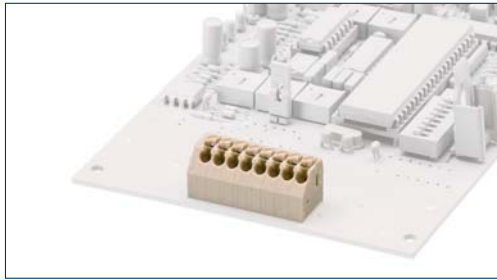


## Terminals

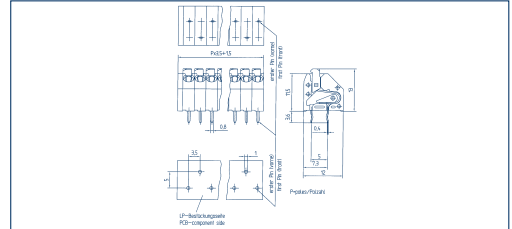
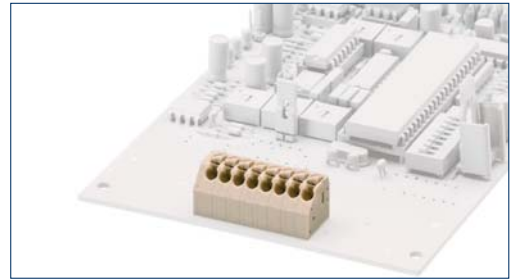


3,50 mm

## PBK 4291/... /3,50-KD



## PBK 4291/... /3,50-KDVP



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,50
Insulation stripping length mm	9,00
PCB hole diameter mm	1,00

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,50

#### Rating

Rated voltage V	300 V
Rated current A	6 A
Cross section max. AWG/mm <sup>2</sup>	22-16
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	Cu

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	light-grey (Ral 7032)	
2	13286.0	50
3	13287.0	50
4	13288.0	50
5	13289.0	50
6	13290.0	50
7	13291.0	50
8	13292.0	50
9	13293.0	50
10	13294.0	50
11	13295.0	50
12	13296.0	50
13	13297.0	50
14	13298.0	50
15	13299.0	50
16	13300.0	50
17	13301.0	50
18	13302.0	50
19	13303.0	50
20	13304.0	50
21	13305.0	50
22	13306.0	50
23	13307.0	50
24	13308.0	50

#### Accessories

Marking

### Leg-spring

Spacing mm	3,50
Insulation stripping length mm	9,00
PCB hole diameter mm	1,00
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,50
Rated voltage V	300 V
Rated current A	6 A
Cross section max. AWG/mm <sup>2</sup>	22-16
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	Cu

No. of poles	Cat.-No.	Qty.p.pck.
	light-grey (Ral 7032)	
2	13286.0	50
3	13287.0	50
4	13288.0	50
5	13289.0	50
6	13290.0	50
7	13291.0	50
8	13292.0	50
9	13293.0	50
10	13294.0	50
11	13295.0	50
12	13296.0	50
13	13297.0	50
14	13298.0	50
15	13299.0	50
16	13300.0	50
17	13301.0	50
18	13302.0	50
19	13303.0	50
20	13304.0	50
21	13305.0	50
22	13306.0	50
23	13307.0	50
24	13308.0	50

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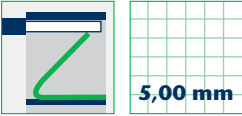
### Leg-spring

Spacing mm	3,50
Insulation stripping length mm	9,00
PCB hole diameter mm	1,00
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,50
Rated voltage V	300 V
Rated current A	6 A
Cross section max. AWG/mm <sup>2</sup>	22-16
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	Cu

No. of poles	Cat.-No.	Qty.p.pck.
	light-grey (Ral 7032)	
2	13310.0	50
3	13311.0	50
4	13312.0	50
5	13313.0	50
6	13314.0	50
7	13315.0	50
8	13316.0	50
9	13317.0	50
10	13318.0	50
11	13319.0	50
12	13320.0	50
13	13321.0	50
14	13322.0	50
15	13323.0	50
16	13324.0	50
17	13325.0	50
18	13326.0	50
19	13327.0	50
20	13328.0	50
21	13329.0	50
22	13330.0	50
23	13331.0	50
24	13332.0	50

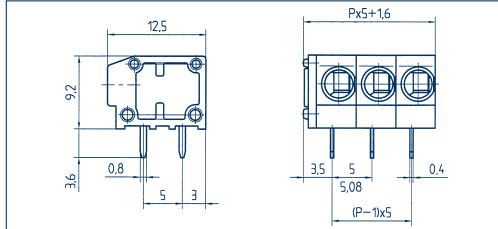
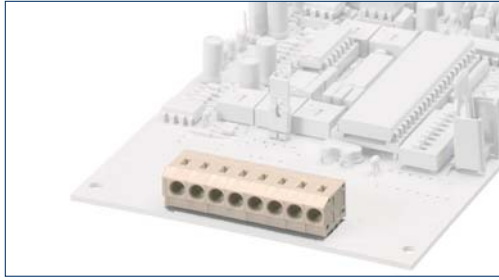
Page 126 - 129

## Terminals

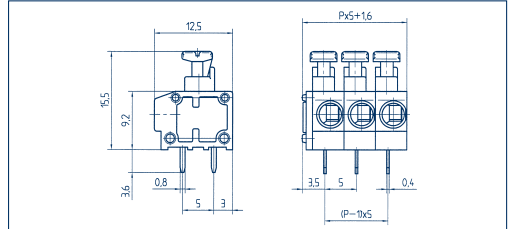
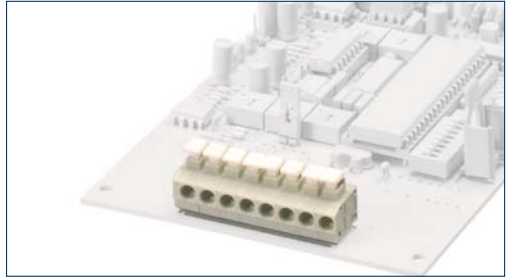


5,00 mm

## PBK 4100/... /5,00



## PBK 4101/... /5,00-KD



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,00

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

#### Rating

Rated voltage V	300 V
Rated current A	10 A
Cross section max. AWG/mm <sup>2</sup>	20-14
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Leg-spring

Spacing mm	5,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,00
Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	250 V
Rated current A	10 A	17,5 A (T60)
Cross section max. AWG/mm <sup>2</sup>	20-14	1,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.	Qty.p.pck.
	○	
	light-grey	
	(Ral 7032)	

2	13085.0	50
3	13086.0	50
4	13087.0	50
5	13088.0	50
6	13089.0	50
7	13090.0	50
8	13091.0	50
9	13092.0	50
10	13093.0	50
11	13094.0	50
12	13095.0	50
13	13096.0	50
14	13097.0	50
15	13098.0	50
16	13099.0	50
17	13100.0	50
18	13101.0	50
19	13102.0	50
20	13103.0	50
21	13104.0	50
22	13105.0	50
23	13106.0	50
24	13107.0	50

### Accessories

Marking

Page 126 - 129

### Leg-spring

Spacing mm	5,00
Insulation stripping length mm	9,00
PCB hole diameter mm	1,00
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

Rated voltage V	300 V	250 V
Rated current A	10 A	17,5 A (T60)
Cross section max. AWG/mm <sup>2</sup>	20-14	1,50
Rated surge voltage	—	2,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	—

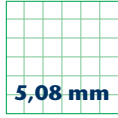
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	—
Cage tension spring	—
Wire protection	—
Soldering lug	Cu
Contact Spring	—

No. of poles	Cat.-No.	Qty.p.pck.
	○	
	light-grey	
	(Ral 7032)	

2	13108.0	50
3	13109.0	50
4	13110.0	50
5	13111.0	50
6	13112.0	50
7	13113.0	50
8	13114.0	50
9	13115.0	50
10	13116.0	50
11	13117.0	50
12	13118.0	50
13	13119.0	50
14	13120.0	50
15	13121.0	50
16	13122.0	50
17	13123.0	50
18	13124.0	50
19	13125.0	50
20	13126.0	50
21	13127.0	50
22	13128.0	50
23	13129.0	50
24	13130.0	50

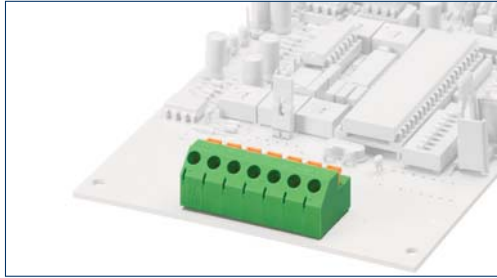
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**Terminals**

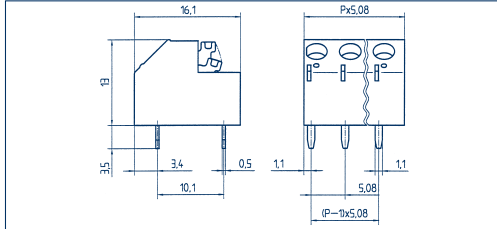


5,08 mm

**PBKZ 4301/... /5,08-KD**



**Drawings**



**Connection principle**

**Dimensions**

Spacing mm	5,08
Insulation stripping length mm	10,00
PCB hole diameter mm	1,30

**Connection data**

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,50
Stranded wire (with ferrules) mm <sup>2</sup>	0,75

**Rating**

Rated voltage V	300 V	250 V
Rated current A	16 A	17,5 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	-	2,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	-

**Materials**

Insulating material/Flammability class	PA / UL 94 V0
Temperature Range	-30 °C / +105 °C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	Cu
Contact Spring	-

**Order information**

	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green	
(further colours on request, see page 5)		(Ral 6018)	
	2	13131.1	50
	3	13132.1	50
	4	13133.1	50
	5	13134.1	50
	6	13135.1	50
	7	13136.1	50

**Accessories**

Marking	Page 126 - 129
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## P.C. board plug-in connectors

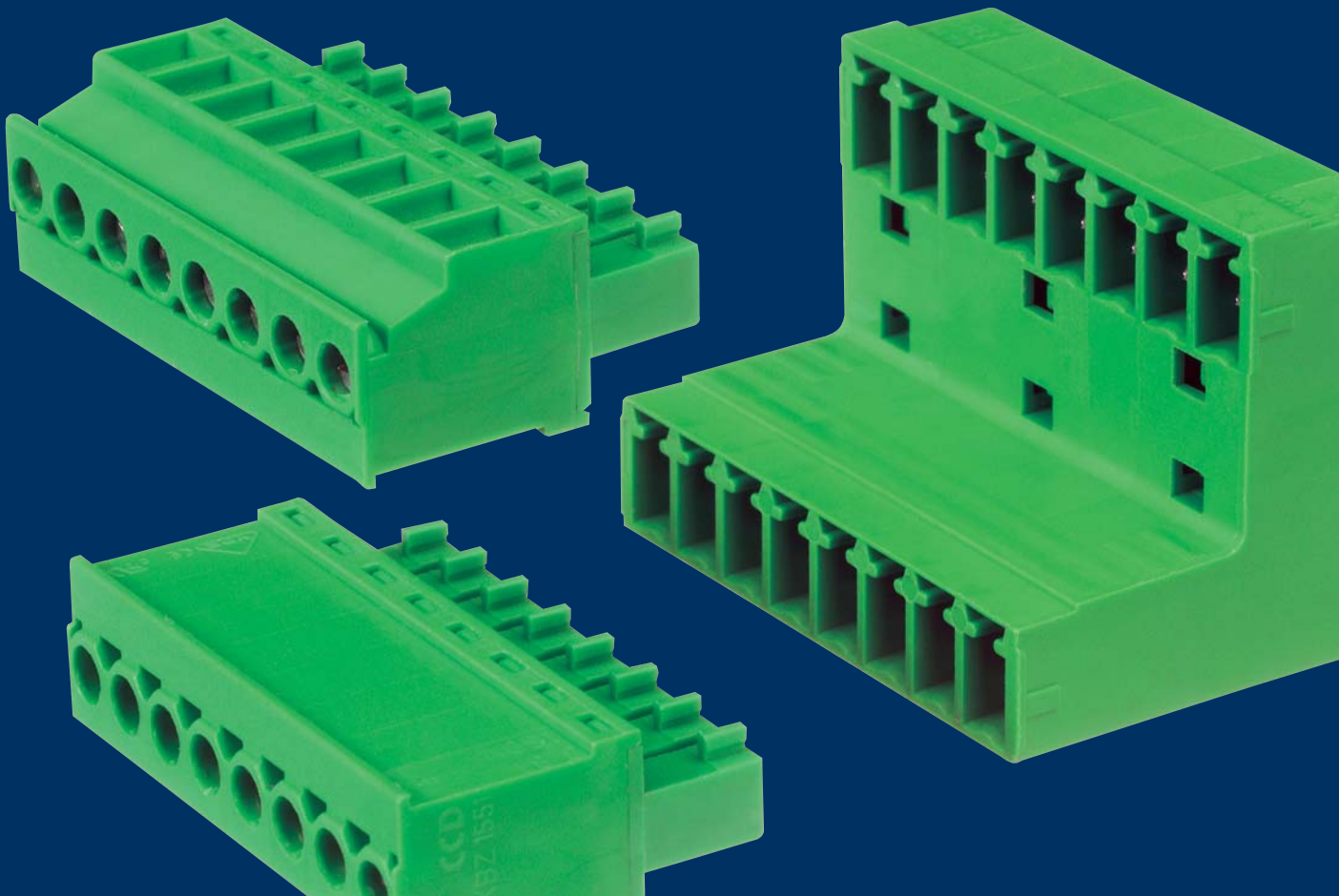
### CONTA-CON

With its **CONTA-CON** system family of plug-in connectors **CONTA-CLIP** offers a comprehensive plug-in connector program for all P.C. board applications. Due to its variety the **CONTA-CON** plug-in connector program offers numerous possibilities for connection.

The **CONTA-CON** plug-in connector system essentially consists of two components; an element fixed to the P.C. board [header] and a plug-in element [connector].

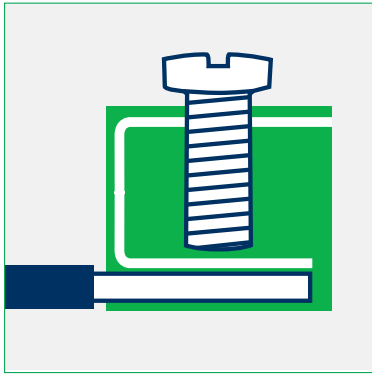
As to the connectors you can choose from the following connection principles: wire-protection-, strain-relief-clamp-, spring-, leg-spring- and eccentric-top-principle. **CONTA-CON** plug-in connectors offer an extensive product mix and thus consequently a lot of combination possibilities.

Connectors and headers with the same spacing are plug-in compatible. The features of this design are an excellent operating convenience and butt mounting and coding possibilities without the loss of poles. Headers are available in the following design: open | closed side wall, single level | double level design, horizontal | vertical connection and with | without screw flange. Available accessories comprise coding stars, single shrouding for each terminal connection, filler plugs for each header contact and marking systems.



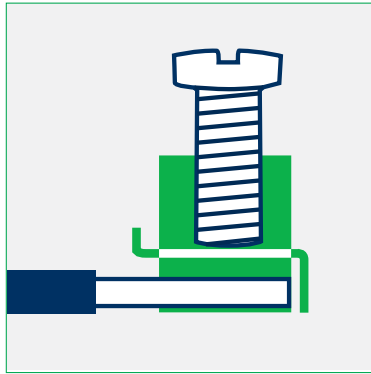
## Overview connectors

### CONTA-CON



#### Wire-protection-principle

PKB 1350/... /3,50	68
PKB 130/... /5,00	69
PKB 130/... /5,00-BL	69
PKB 130/... /5,08-BL	70
PKB 130/... /10,00	70
PKB 130/... /10,00-BL	71
PKB 130/... /10,16-BL	71



#### Strain-relief-clamp-principle

PKB 1550/... /3,50	72
PKB 1550/... /3,50-F	72
PKB 1550/... /3,81	73
PKB 1550/... /3,81-F	73
PKBZ 1551/... /3,81	74
PKBZ 1552/... /3,81	74
PKB 950/... /5,00	75
PKB 950/... /5,00-F	75
PKB 1100/... /5,00	76
PKB 1110/... /5,00	76
PKB 950/... /5,08	77
PKB 950/... /5,08-F	77
PKB 1100/... /5,08	78
PKB 1110/... /5,08	78
PKB 960/... /7,62	79



#### Tension-spring-principle

PZB 3950/... /5,00	80
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#### Eccentric-top-principle

PBT 1200/... /5,08	82
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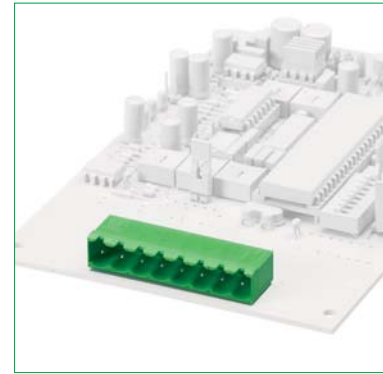


#### Leg-spring-principle

PKB 4350/... /3,50	83
PKB 4350/... /3,50-G	83

## Overview headers

### CONTA-CON



#### Headers

STL 1350/... /3,50-V	84
STL 1350/... /3,50-H	84
STL 130/... /5,00-V	86
STL 132/... /5,00-V	86
STL 140/... /5,00-H	87
STL 130/... /5,08-V	87
STL 140/... /5,08-H	88
STL 130/... /10,00-V	89
STL 130/... /10,16-V	89
STL 1550/... /3,50-V-G	90
STL 1550/... /3,50-H-G	90
STL 1550/... /3,50-V-F	91
STL 1550/... /3,50-H-F	91
STL 1550/... /3,81-V-G	92
STL 1550/... /3,81-H-G	92
STL 1550/... /3,81-V-F	93
STL 1550/... /3,81-H-F	93
STL 1590/... /3,81-G	94
STL 1570/... /3,81-V-G	95
STL 1570/... /3,81-H-G	95
STL 950/... /5,00-V	96
STL 950/... /5,00-H	96
STL 950/... /5,00-V-G	97
STL 950/... /5,00-H-G	97
STL 950/... /5,00-V-F	98
STL 950/... /5,00-H-F	98
STL 975/... /5,00-V-G	99
STL 975/... /5,00-H-G	99
STL 950/... /5,08-V	100
STL 950/... /5,08-H	100
STL 950/... /5,08-V-G	101
STL 950/... /5,08-H-G	101
STL 950/... /5,08-V-F	102
STL 950/... /5,08-H-F	102
STL 990/... /5,08-G	103
STL 970/... /5,08-V	104
STL 970/... /5,08-H	104
STL 970/... /5,08-V-G	105
STL 970/... /5,08-H-G	105
STL 970/... /5,08-V-F	106
STL 970/... /5,08-H-F	106
STL 960/... /7,62-V	108
STL 960/... /7,62-H	108
STL 960/... /7,62-V-G	109
STL 960/... /7,62-H-G	109
PK-TS/... /5,08/15	112
PK-TS/... /5,08	112
PK-TS/... /5,08-F/15	113
PK-TS/... /5,08-F	113
STL 950/... /5,08-G-L	119

# Combination matrix P.C. board plug-in connectors

## CONTA-CON

		HEADER													
CONNECTOR	TYPE	CATALOGUE PAGE													
		TYPE OF CONNECTING													
		SPACING													
		NO. OF POLES													
		STL 1350 V	STL 1350 H	STL 130 V	STL 132 V	STL 140 H	STL 130 V	STL 1550 V-G	STL 1550 H-G	STL 1550 V-F	STL 1550 H-F	STL 1590 V	STL 1570 V-G	STL 1570 H-G	
		84	84	86	86	87	89	90	90	91	91	94	95	95	
		3,50 mm	3,50 mm	5,00 mm	5,00 mm	5,00 mm	10,00 mm	3,50 mm	3,50 mm	3,50 mm	3,50 mm				
		2-24	2-24	2-24	2-24	2-24	2-12	2-20	2-20	2-18	2-18	2-20	2-20	2-20	
		2-16	2-16	2-16	2-24	2-24				2-20	2-20				
	PKB 1350	68		3,50 mm	2-12	X	X								
	PKB 130	69		5,00 mm	2-12*			X	X	X					
	PKB 130 BL	69		5,00 mm	2-16**			X	X	X					
	PKB 130	70		5,08 mm	2-16**			X	X	X					
	PKB 130	70		10,00 mm	2-6					X					
	PKB 130 BL	71		10,00 mm	2-8**					X					
	PKB 130 BL	71		10,16 mm	2-8**					X					
	PKB 1550	72		3,50 mm	2-20						X	X	X	X	
	PKB 1550	73		3,81 mm	2-16					X	X	X	X	X	
	PKB 1550 F	72		3,50 mm	2-18						X	X			
	PKB 1550 F	73		3,81 mm	2-20						X	X			
	PKBZ 1551	74		3,81 mm	2-20					X	X		X	X	
	PKBZ 1552	74		3,81 mm	2-20					X	X		X	X	
	PKB 950	75		5,00 mm	2-24										
	PKB 950	77		5,08 mm	2-24										
	PKB 950 F	75		5,00 mm	2-24										
	PKB 950 F	77		5,08 mm	2-24										
	PKB 1100	76		5,00 mm	2-20										
	PKB 1100	78		5,08 mm	2-16										
	PKB 1110	76		5,00 mm	2-20										
	PKB 1110	78		5,08 mm	2-16										
	PKB 960	79		7,62 mm	2-16										
	PZB 3950	80		5,00 mm	2-24										
	PBT 1200	82		5,08 mm	2-24										

\* = 2+3 pole alignment  
 \*\* = block design  
 X = combination possibility  
 V = vertical connecting direction  
 H = horizontal connecting direction  
 G = closed side wall  
 F = screwed flange



Wire-protection-principle



Strain-relief-clamp-principle






















Eccentric-top-principle



Tension-spring-principle

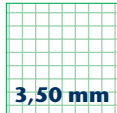


Leg-spring-principle

																		
STL 950 V	STL 950 H	STL 950 V-G	STL 950 H-G	STL 950 V-F	STL 950 H-F	STL 975 V-G	STL 975 H-G	STL 990 G	STL 970 V	STL 970 H	STL 970 V-G	STL 970 H-G	STL 970 V-F	STL 970 H-F	STL 960 V	STL 960 H	STL 960 V-G	STL 960 H-G
96 100	96 100	97 101	97 101	98 102	98 102	99	99	103	104	104	105	105	106	106	108	108	109	109
5,00 mm 5,08 mm	5,00 mm 5,08 mm	5,00 mm 5,08 mm	5,00 mm 5,08 mm	5,00 mm 5,08 mm	5,00 mm 5,08 mm													
2-24	2-24	2-24	2-24	2-24	2-24	2-24	2-24	2-24	2-24	2-12	2-12	2-12	2-12	2-12	2-16	2-16	2-16	2-16
X	X	X	X					X	X	X	X	X						
				X	X									X	X			
X	X	X	X					X	X	X	X	X						
X	X	X	X					X	X	X	X	X						
															X	X	X	X
X	X	X	X					X	X									
X	X	X	X						X	X	X	X						

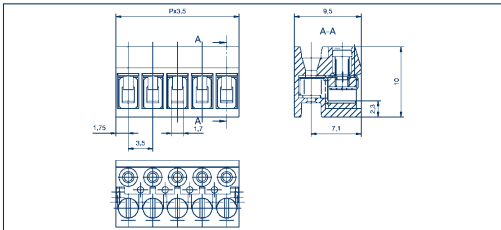
P.C. board plug-in connectors

Connector



3,50 mm

PKB 1350/... /3,50



Drawings

Connection principle

Dimensions

Spacing mm  
Insulation stripping length mm  
PCB hole diameter mm

Connection data

Single wire (solid) mm<sup>2</sup>  
Stranded wire (flexible) mm<sup>2</sup>  
Stranded wire (with ferrules) mm<sup>2</sup>

Output information

Rated voltage V  
Rated current A  
Cross section max. AWG/mm<sup>2</sup>  
Rated surge voltage  
Rated torque/Screw size  
Contamination degree

Materials

Insulating material/Flammability class  
Temperature Range  
Clamping part  
Clamping cage/Eccentric  
Contact pin  
Cage tension spring  
Wire protection  
Soldering lug  
Contact Spring

Order information

Standard colour(s)  
(further colours on request, see page 5)

Wire-protection

3,50  
5,00

1,50  
1,00  
0,75



150 V  
9 A  
28-16  
—  
—  
—



160 V  
8 A (T60)  
1,50  
2,50 kV  
0,40 Nm/M2,0  
3

PA 6.6 V0 / UL 94 V0  
-30 °C / +105 °C  
CuZn  
—  
—  
stainless steel  
—  
CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	● dark grey (Ral 7016)	
2	13900.4	50
3	13901.4	50
4	13902.4	50
5	13903.4	50
6	13904.4	50
7	13905.4	50
8	13906.4	50
9	13907.4	50
10	13908.4	50
11	13909.4	50
12	13910.4	50

Accessories

Marking

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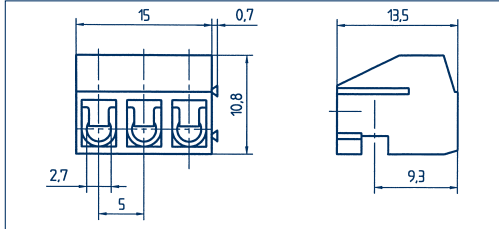
## P.C. board plug-in connectors

Connector

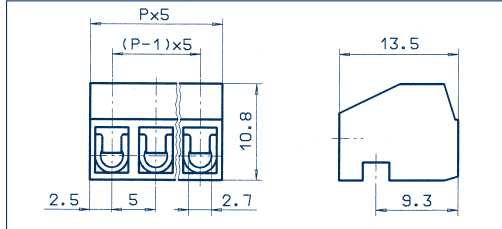


5,00 mm

## PKB 130/... /5,00



## PKB 130/... /5,00-BL



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

#### Output information

	300 V	250 V
Rated voltage V	300 V	250 V
Rated current A	10 A	10 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	4,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	–
Contact Spring	CuBe

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Wire-protection

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	

	300 V	250 V
Rated voltage V	300 V	250 V
Rated current A	10 A	10 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	4,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	–
Contact Spring	CuBe

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Wire-protection

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	

	300 V	250 V
Rated voltage V	300 V	250 V
Rated current A	10 A	10 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	–	4,00 kV
Rated torque/Screw size	–	0,40 Nm/M2,6
Contamination degree	–	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	–
Contact pin	–
Cage tension spring	–
Wire protection	–
Soldering lug	–
Contact Spring	CuBe

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

	No. of poles	Cat.-No.		Qty.p.pck.	No. of poles	Cat.-No.		Qty.p.pck.
		● green (Ral 6018)	● dark grey (Ral 7016)			● green (Ral 6018)	● dark grey (Ral 7016)	
	2	11169.1	11169.4	50	2	11185.1	11185.4	50
	3	11170.1	11170.4	50	3	11186.1	11186.4	50
	4	11171.1	11171.4	50	4	11187.1	11187.4	50
	5	11172.1	11172.4	50	5	11188.1	11188.4	50
	6	11173.1	11173.4	50	6	11189.1	11189.4	50
	7	11174.1	11174.4	50	7	11190.1	11190.4	50
	8	11175.1	11175.4	50	8	11191.1	11191.4	50
	9	11176.1	11176.4	50	9	11192.1	11192.4	50
	10	11177.1	11177.4	50	10	11193.1	11193.4	50
	11	11178.1	11178.4	50	11	11194.1	11194.4	50
	12	11179.1	11179.4	50	12	11195.1	11195.4	50
					13	11196.1	11196.4	50
					14	11197.1	11197.4	50
					15	11198.1	11198.4	50
					16	11199.1	11199.4	50

### Accessories

Marking

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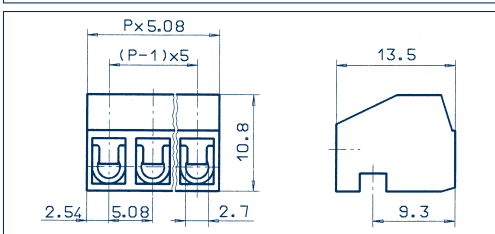
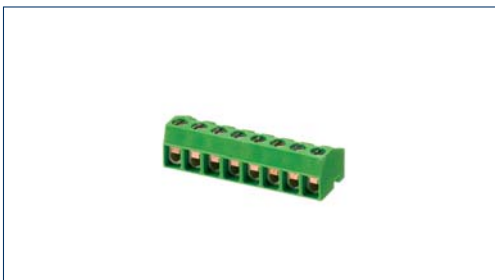
## P.C. board plug-in connectors

Connector



## Drawings

### PKB 130/... /5,08-BL



### Wire-protection

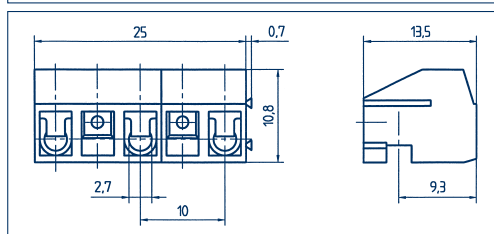
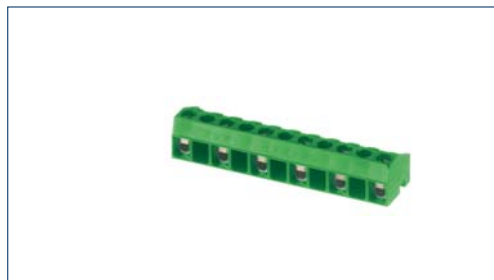
Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	-
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

Rated voltage V	300 V	250 V
Rated current A	10 A	10 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,40 Nm/M2,6
Contamination degree	-	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	CuZn	
Clamping cage/Eccentric	-	
Contact pin	-	
Cage tension spring	-	
Wire protection	-	
Soldering lug	-	
Contact Spring	CuBe	

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	13628.1	13628.4	50
3	13629.1	13629.4	50
4	13630.1	13630.4	50
5	13631.1	13631.4	50
6	13632.1	13632.4	50
7	13633.1	13633.4	50
8	13634.1	13634.4	50
9	13635.1	13635.4	50
10	13636.1	13636.4	50
11	13637.1	13637.4	50
12	13638.1	13638.4	50
13	13639.1	13639.4	50
14	13640.1	13640.4	50
15	13641.1	13641.4	50
16	13642.1	13642.4	50

### PKB 130/... /10,00



### Wire-protection

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	-
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

Rated voltage V	300 V	630 V
Rated current A	10 A	10 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	-	8,00 kV
Rated torque/Screw size	-	0,40 Nm/M2,6
Contamination degree	-	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	CuZn	
Clamping cage/Eccentric	-	
Contact pin	-	
Cage tension spring	-	
Wire protection	-	
Soldering lug	-	
Contact Spring	CuBe	

No. of poles	Cat.-No.		Qty.p.pck.
	● green (Ral 6018)	● dark grey (Ral 7016)	
2	11180.1	11180.4	50
3	11181.1	11181.4	50
4	11182.1	11182.4	50
5	11183.1	11183.4	50
6	11184.1	11184.4	50

### Connection principle

Dimensions  
Spacing mm  
Insulation stripping length mm  
PCB hole diameter mm

Connection data  
Single wire (solid) mm<sup>2</sup>  
Stranded wire (flexible) mm<sup>2</sup>  
Stranded wire (with ferrules) mm<sup>2</sup>

Output information  
Rated voltage V  
Rated current A  
Cross section max. AWG/mm<sup>2</sup>  
Rated surge voltage  
Rated torque/Screw size  
Contamination degree

Materials  
Insulating material/Flammability class  
Temperature Range  
Clamping part  
Clamping cage/Eccentric  
Contact pin  
Cage tension spring  
Wire protection  
Soldering lug  
Contact Spring

Order information  
Standard colour(s)  
(further colours on request, see page 5)

## Accessories

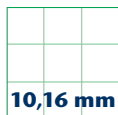
Marking

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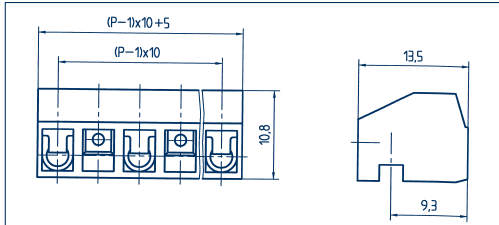
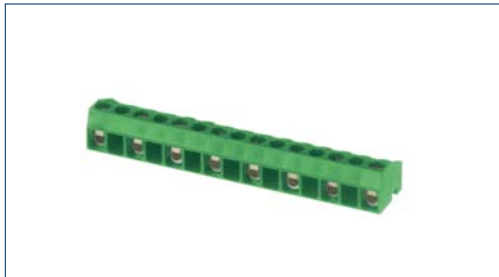
## P.C. board plug-in connectors

Connector

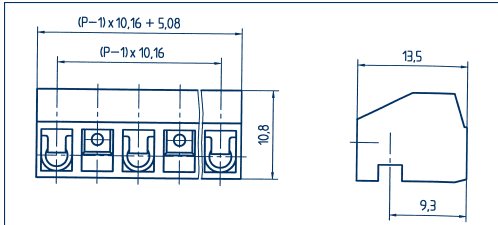
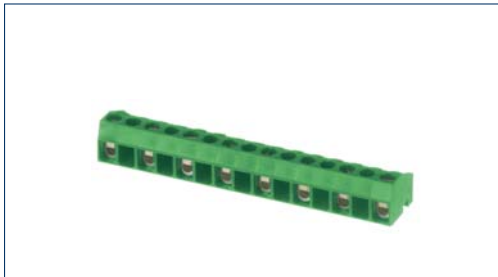


## Drawings

### PKB 130/.../10,00-BL



### PKB 130/.../10,16-BL



## Connection principle

### Dimensions

Spacing mm	10,00
Insulation stripping length mm	6,00
PCB hole diameter mm	-

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

### Output information

	300 V	630 V
Rated voltage V	300 V	630 V
Rated current A	10 A	10 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-14	1,50
Rated surge voltage	-	8,00 kV
Rated torque/Screw size	-	0,40 Nm/M2,6
Contamination degree	-	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuBe

### Order information

	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green (Ral 6018) ● dark grey (Ral 7016)	
(further colours on request, see page 5)			
	2	11200.1 11200.4	50
	3	11201.1 11201.4	50
	4	11202.1 11202.4	50
	5	11203.1 11203.4	50
	6	11204.1 11204.4	50
	7	11205.1 11205.4	50
	8	11206.1 11206.4	50

## Accessories

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## Wire-protection

10,00

6,00

-

1,50

1,00

1,00



300 V



630 V

10 A

10 A (T60)

22-14

1,50

-

8,00 kV

-

0,40 Nm/M2,6

-

3

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

CuZn

-

-

-

-

-

CuBe

## Wire-protection

10,16

6,00

-

1,50

1,00

1,00



300 V



630 V

10 A

10 A (T60)

22-14

1,50

-

8,00 kV

-

0,40 Nm/M2,6

-

3

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

CuZn

-

-

-

-

-

CuBe

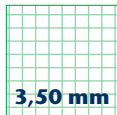
### Order information

	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green (Ral 6018) ● dark grey (Ral 7016)	
(further colours on request, see page 5)			
	2	13643.1 13643.4	50
	3	13644.1 13644.4	50
	4	13645.1 13645.4	50
	5	13646.1 13646.4	50
	6	13647.1 13647.4	50
	7	13648.1 13648.4	50
	8	13649.1 13649.4	50

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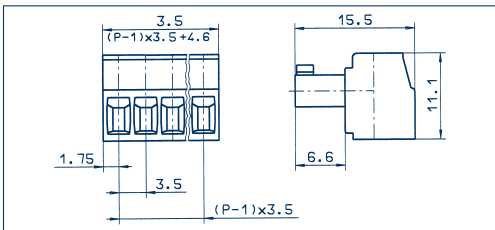
## P.C. board plug-in connectors

Connector

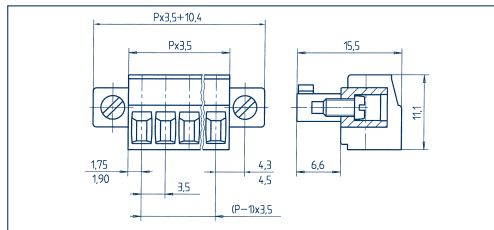


3,50 mm

## PKB 1550/... /3,50



## PKB 1550/... /3,50-F



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,50
Insulation stripping length mm	7,00
PCB hole diameter mm	-

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

#### Output information

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,4 Nm/M2
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

Spacing mm	3,50
Insulation stripping length mm	7,00
PCB hole diameter mm	-
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,4 Nm/M2
Contamination degree	-	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	

2	11377.1	50
3	11378.1	50
4	11379.1	50
5	11380.1	50
6	11381.1	50
7	11382.1	50
8	11383.1	50
9	11384.1	50
10	11385.1	50
11	11386.1	50
12	11387.1	50
13	11388.1	50
14	11389.1	50
15	11390.1	50
16	11391.1	50
17	11392.1	50
18	11393.1	50
19	11394.1	50
20	11395.1	50

### Strain-relief-clamp

Spacing mm	3,50
Insulation stripping length mm	7,00
PCB hole diameter mm	-
Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,4 Nm/M2
Contamination degree	-	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	

2	13717.1	50
3	13718.1	50
4	13719.1	50
5	13720.1	50
6	13721.1	50
7	13722.1	50
8	13723.1	50
9	13724.1	50
10	13725.1	50
11	13726.1	50
12	13727.1	50
13	13728.1	50
14	13729.1	50
15	13730.1	50
16	13731.1	50
17	13732.1	50
18	13733.1	50
19	13734.1	50
20	13980.1	50

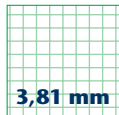
### Accessories

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Marking	Page 126 - 129
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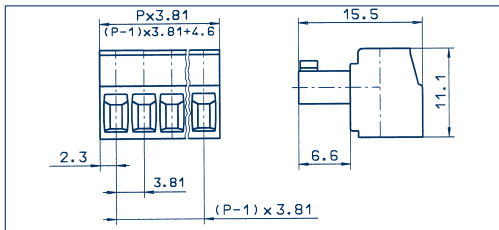
## P.C. board plug-in connectors

Connector

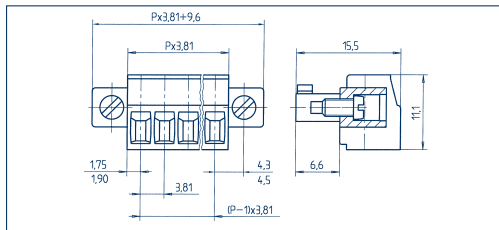
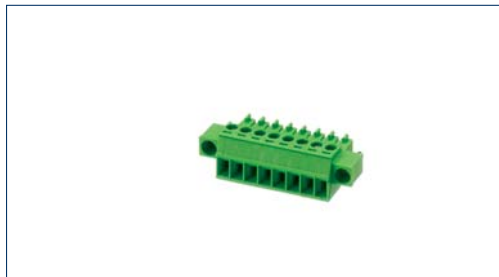


3,81 mm

## PKB 1550/... /3,81



## PKB 1550/... /3,81-F



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,81
Insulation stripping length mm	7,00
PCB hole diameter mm	-

#### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

#### Output information

Rated voltage V	300 V
Rated current A	8 A
Cross section max. AWG/mm <sup>2</sup>	28-16
Rated surge voltage	-
Rated torque/Screw size	-
Contamination degree	-

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

#### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11396.1	50
3	11397.1	50
4	11398.1	50
5	11399.1	50
6	11400.1	50
7	11401.1	50
8	11402.1	50
9	11403.1	50
10	11404.1	50
11	11405.1	50
12	11406.1	50
13	11407.1	50
14	11408.1	50
15	11409.1	50
16	11410.1	50

### Strain-relief-clamp

3,81

7,00

-

1,50

1,00

1,00



300 V

8 A

28-16

-

-

-



160 V

9 A (T60)

1,50

4,00 kV

0,4 Nm/M2

3

### Strain-relief-clamp

3,81

7,00

-

1,50

1,00

1,00



300 V

8 A

28-16

-

-

-



160 V

9 A (T60)

1,50

4,00 kV

0,25 Nm/M2

3

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

CuZn

-

-

-

-

-

CuSn

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	

No. of poles	Cat.-No.	Qty.p.pck.
2	13734.1	50
3	13735.1	50
4	13736.1	50
5	13737.1	50
6	13738.1	50
7	13739.1	50
8	13740.1	50
9	13741.1	50
10	13742.1	50
11	13743.1	50
12	13744.1	50
13	13745.1	50
14	13746.1	50
15	13747.1	50
16	13748.1	50

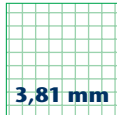
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## P.C. board plug-in connectors

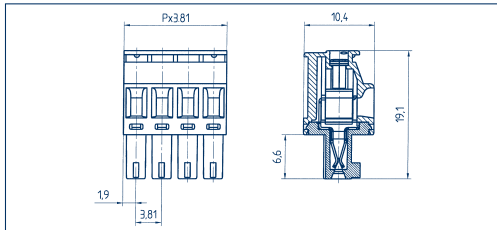
Connector



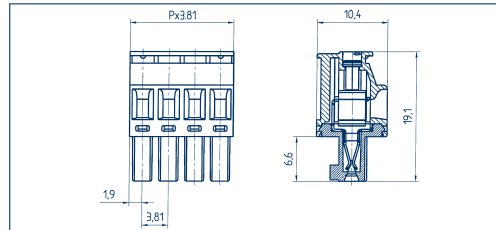
3,81 mm

## Drawings

### PKBZ 1551/... /3,81



### PKBZ 1552/... /3,81



## Connection principle

### Dimensions

Spacing mm	3,81
Insulation stripping length mm	7,00
PCB hole diameter mm	-

### Connection data

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

### Output information

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,4 Nm/M2
Contamination degree	-	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Strain-relief-clamp

Spacing mm	3,81	
Insulation stripping length mm	7,00	
PCB hole diameter mm	-	
Single wire (solid) mm <sup>2</sup>	1,50	
Stranded wire (flexible) mm <sup>2</sup>	1,00	
Stranded wire (with ferrules) mm <sup>2</sup>	1,00	
Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-16	1,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,4 Nm/M2
Contamination degree	-	3
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C	
Clamping part	CuZn	
Clamping cage/Eccentric	-	
Contact pin	-	
Cage tension spring	-	
Wire protection	-	
Soldering lug	-	
Contact Spring	CuSn	

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	

2	13039.1	50
3	13040.1	50
4	13041.1	50
5	13042.1	50
6	13043.1	50
7	13044.1	50
8	13045.1	50
9	13046.1	50
10	13047.1	50
11	13048.1	50
12	13049.1	50
13	13050.1	50
14	13051.1	50
15	13052.1	50
16	13053.1	50
17	13054.1	50
18	13055.1	50
19	13056.1	50
20	13057.1	50

## Strain-relief-clamp

Spacing mm	3,81
Insulation stripping length mm	7,00
PCB hole diameter mm	-

Single wire (solid) mm <sup>2</sup>	1,50
Stranded wire (flexible) mm <sup>2</sup>	1,00
Stranded wire (with ferrules) mm <sup>2</sup>	1,00

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-12	1,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,4 Nm/M2
Contamination degree	-	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	

2	13062.1	50
3	13063.1	50
4	13064.1	50
5	13065.1	50
6	13066.1	50
7	13067.1	50
8	13068.1	50
9	13069.1	50
10	13070.1	50
11	13071.1	50
12	13072.1	50
13	13073.1	50
14	13074.1	50
15	13075.1	50
16	13076.1	50
17	13077.1	50
18	13078.1	50
19	13079.1	50
20	13080.1	50

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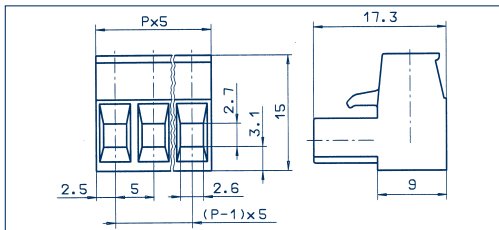
## P.C. board plug-in connectors

Connector

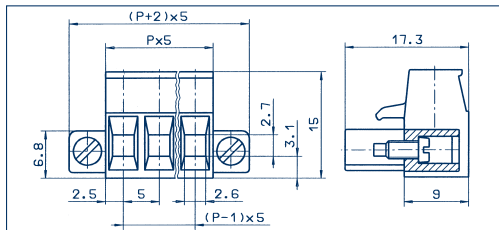


5,00 mm

## PKB 950/... /5,00



## PKB 950/... /5,00-F



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	6,00
PCB hole diameter mm	-

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Output information

	US	
Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11207.1	50
3	11208.1	50
4	11209.1	50
5	11210.1	50
6	11211.1	50
7	11212.1	50
8	11213.1	50
9	11214.1	50
10	11215.1	50
11	11216.1	50
12	11217.1	50
13	11218.1	50
14	11219.1	50
15	11220.1	50
16	11221.1	50
17	11222.1	50
18	11223.1	50
19	11224.1	50
20	11225.1	50
21	11226.1	50
22	11227.1	50
23	11228.1	50
24	11229.1	50

#### Accessories

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### Strain-relief-clamp

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11268.1	50
3	11269.1	50
4	11270.1	50
5	11271.1	50
6	11272.1	50
7	11273.1	50
8	11274.1	50
9	11275.1	50
10	11276.1	50
11	13226.1	50
12	13227.1	50
13	13228.1	50
14	13229.1	50
15	13230.1	50
16	13231.1	50
17	13232.1	50
18	13233.1	50
19	13234.1	50
20	13235.1	50
21	13236.1	50
22	13237.1	50
23	13238.1	50
24	13239.1	50

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## P.C. board plug-in connectors

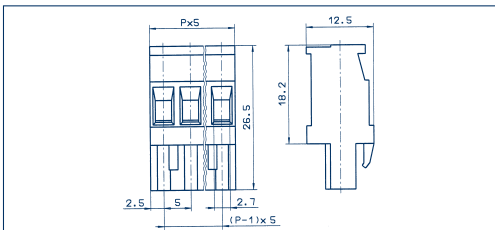
Connector



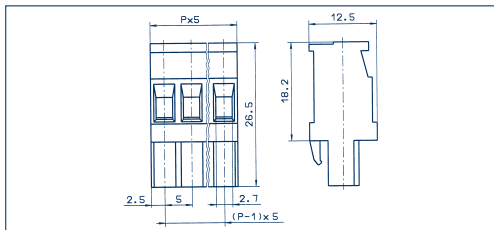
5,00 mm

## Drawings

### PKB 1100/... /5,00



### PKB 1110/... /5,00



## Connection principle

### Dimensions

Spacing mm  
Insulation stripping length mm  
PCB hole diameter mm

### Connection data

Single wire (solid) mm<sup>2</sup>  
Stranded wire (flexible) mm<sup>2</sup>  
Stranded wire (with ferrules) mm<sup>2</sup>

### Output information

Rated voltage V  
Rated current A  
Cross section max. AWG/mm<sup>2</sup>  
Rated surge voltage  
Rated torque/Screw size  
Contamination degree

### Materials

Insulating material/Flammability class  
Temperature Range  
Clamping part  
Clamping cage/Eccentric  
Contact pin  
Cage tension spring  
Wire protection  
Soldering lug  
Contact Spring

### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clip

5,00  
7,00  
-  
2,50  
2,50  
2,50



300 V

15 A

22-10

-

-

-

-

PA 6.6 V0 / UL 94 V0  
-30°C / +105°C

CuZn  
-  
-  
-  
-  
-  
-  
-  
CuSn

CuSn

No. of poles

Cat.-No.

Qty.p.pck.



green  
(Ral 6018)

2	11286.1	50
3	11287.1	50
4	11288.1	50
5	11289.1	50
6	11290.1	50
7	11291.1	50
8	11292.1	50
9	11293.1	50
10	11294.1	50
11	11295.1	50
12	11296.1	50
13	11297.1	50
14	11298.1	50
15	11299.1	50
16	11300.1	50
17	11301.1	50
18	11302.1	50
19	11303.1	50
20	11304.1	50

### Strain-relief-clip

5,00  
7,00  
-  
2,50  
2,50  
2,50



300 V

15 A

22-10

-

-

-

-

PA 6.6 V0 / UL 94 V0  
-30°C / +105°C

CuZn  
-  
-  
-  
-  
-  
-  
-  
CuSn

CuSn

No. of poles

Cat.-No.

Qty.p.pck.



green  
(Ral 6018)

2	11320.1	50
3	11321.1	50
4	11322.1	50
5	11323.1	50
6	11324.1	50
7	11325.1	50
8	11326.1	50
9	11327.1	50
10	11328.1	50
11	11329.1	50
12	11330.1	50
13	11331.1	50
14	11332.1	50
15	11333.1	50
16	11334.1	50
17	11335.1	50
18	11336.1	50
19	11337.1	50
20	11338.1	50

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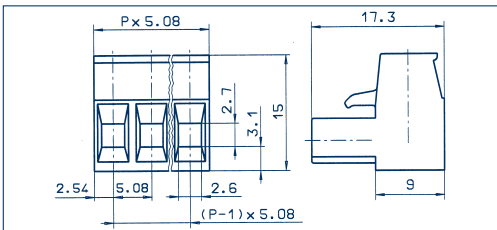
### P.C. board plug-in connectors

Connector

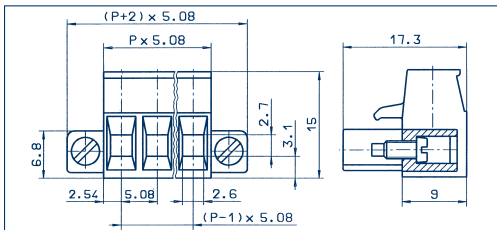


5,08 mm

### PKB 950/... /5,08



### PKB 950/... /5,08-F



### Drawings

#### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	6,00
PCB hole diameter mm	-

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Output information

Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

#### Strain-relief-clamp

Spacing mm	5,08	
Insulation stripping length mm	6,00	
PCB hole diameter mm	-	
Single wire (solid) mm <sup>2</sup>	2,50	
Stranded wire (flexible) mm <sup>2</sup>	2,50	
Stranded wire (with ferrules) mm <sup>2</sup>	2,50	
Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

PA 6.6 V0 / UL 94 V0  
-30°C / +105°C

Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11230.1	50
3	11231.1	50
4	11232.1	50
5	11233.1	50
6	11234.1	50
7	11235.1	50
8	11236.1	50
9	11237.1	50
10	11238.1	50
11	11239.1	50
12	11240.1	50
13	11241.1	50
14	11242.1	50
15	11243.1	50
16	11244.1	50
17	11245.1	50
18	11246.1	50
19	11247.1	50
20	11248.1	50
21	11249.1	50
22	11250.1	50
23	11251.1	50
24	11252.1	50

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11277.1	50
3	11278.1	50
4	11279.1	50
5	11280.1	50
6	11281.1	50
7	11282.1	50
8	11283.1	50
9	11284.1	50
10	11285.1	50
11	13212.1	50
12	13213.1	50
13	13214.1	50
14	13215.1	50
15	13216.1	50
16	13217.1	50
17	13218.1	50
18	13219.1	50
19	13220.1	50
20	13221.1	50
21	13222.1	50
22	13223.1	50
23	13707.1	50
24	13708.1	50

#### Strain-relief-clamp

Spacing mm	5,08	
Insulation stripping length mm	6,00	
PCB hole diameter mm	-	
Single wire (solid) mm <sup>2</sup>	2,50	
Stranded wire (flexible) mm <sup>2</sup>	2,50	
Stranded wire (with ferrules) mm <sup>2</sup>	2,50	
Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-14	2,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

PA 6.6 V0 / UL 94 V0  
-30°C / +105°C

Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11277.1	50
3	11278.1	50
4	11279.1	50
5	11280.1	50
6	11281.1	50
7	11282.1	50
8	11283.1	50
9	11284.1	50
10	11285.1	50
11	13212.1	50
12	13213.1	50
13	13214.1	50
14	13215.1	50
15	13216.1	50
16	13217.1	50
17	13218.1	50
18	13219.1	50
19	13220.1	50
20	13221.1	50
21	13222.1	50
22	13223.1	50
23	13707.1	50
24	13708.1	50

Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11277.1	50
3	11278.1	50
4	11279.1	50
5	11280.1	50
6	11281.1	50
7	11282.1	50
8	11283.1	50
9	11284.1	50
10	11285.1	50
11	13212.1	50
12	13213.1	50
13	13214.1	50
14	13215.1	50
15	13216.1	50
16	13217.1	50
17	13218.1	50
18	13219.1	50
19	13220.1	50
20	13221.1	50
21	13222.1	50
22	13223.1	50
23	13707.1	50
24	13708.1	50

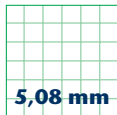
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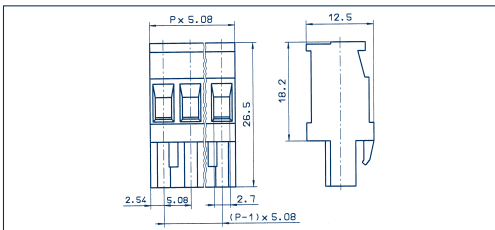
## P.C. board plug-in connectors

Connector

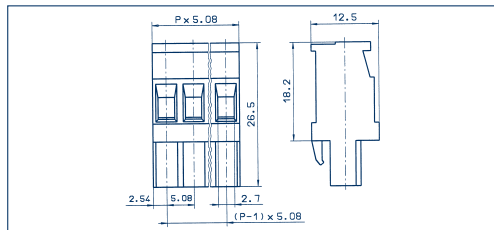


5,08 mm

## PKB 1100/... /5,08



## PKB 1110/... /5,08



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	7,00
PCB hole diameter mm	-

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Output information

Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-10	2,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

		●	
		green	
		(Ral 6018)	
	2	11305.1	50
	3	11306.1	50
	4	11307.1	50
	5	11308.1	50
	6	11309.1	50
	7	11310.1	50
	8	11311.1	50
	9	11312.1	50
	10	11313.1	50
	11	11314.1	50
	12	11315.1	50
	13	11316.1	50
	14	11317.1	50
	15	11318.1	50
	16	11319.1	50

### Strain-relief-clamp

### Strain-relief-clamp

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11305.1	50
3	11306.1	50
4	11307.1	50
5	11308.1	50
6	11309.1	50
7	11310.1	50
8	11311.1	50
9	11312.1	50
10	11313.1	50
11	11314.1	50
12	11315.1	50
13	11316.1	50
14	11317.1	50
15	11318.1	50
16	11319.1	50

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11339.1	50
3	11340.1	50
4	11341.1	50
5	11342.1	50
6	11343.1	50
7	11344.1	50
8	11345.1	50
9	11346.1	50
10	11347.1	50
11	11348.1	50
12	11349.1	50
13	11350.1	50
14	11351.1	50
15	11352.1	50
16	11353.1	50

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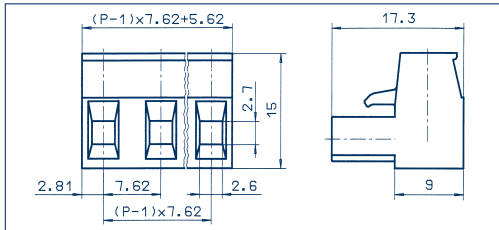
## P.C. board plug-in connectors

Connector



7,62 mm

## PKB 960/... /7,62



## Drawings

### Connection principle

#### Dimensions

Spacing mm	7,62
Insulation stripping length mm	6,00
PCB hole diameter mm	-

#### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

#### Output information

Rated voltage V	300 V	400 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-12	2,50
Rated surge voltage	-	6,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

#### Order information

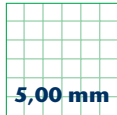
	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green	
(further colours on request, see page 5)		(Ral 6018)	
	2	11253.1	50
	3	11254.1	50
	4	11255.1	50
	5	11256.1	50
	6	11257.1	50
	7	11258.1	50
	8	11259.1	50
	9	11260.1	50
	10	11261.1	50
	11	11262.1	50
	12	11263.1	50
	13	11264.1	50
	14	11265.1	50
	15	11266.1	50
	16	11267.1	50

#### Accessories

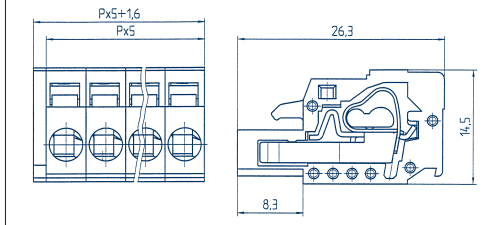
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Coding	Page 124 - 125

## P.C. board plug-in connectors

Connector



## PZB 3950/... /5,00



## Drawings

### Connection principle

#### Dimensions

Spacing mm  
Insulation stripping length mm  
PCB hole diameter mm

#### Connection data

Single wire (solid) mm<sup>2</sup>  
Stranded wire (flexible) mm<sup>2</sup>  
Stranded wire (with ferrules) mm<sup>2</sup>

#### Output information

Rated voltage V  
Rated current A  
Cross section max. AWG/mm<sup>2</sup>  
Rated surge voltage  
Rated torque/Screw size  
Contamination degree

#### Materials

Insulating material/Flammability class  
Temperature Range  
Clamping part  
Clamping cage/Eccentric  
Contact pin  
Cage tension spring  
Wire protection  
Soldering lug  
Contact Spring

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

5,00  
8,50  
-  
2,50  
2,50  
1,50



300 V

15 A

28-12

-

-

-



250 V

12 A (T60)

2,50

4,00 kV

-

3

PA 6.6 V0 / UL 94 V0  
-30 °C / +105 °C

-

-

-

stainless steel

-

-

CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11412.1	50
3	11413.1	50
4	11414.1	50
5	11415.1	50
6	11416.1	50
7	11417.1	50
8	11418.1	50
9	11419.1	50
10	11420.1	50
11	11421.1	50
12	11422.1	50
13	11423.1	50
14	11424.1	50
15	11425.1	50
16	11426.1	50
17	11427.1	50
18	11428.1	50
19	11429.1	50
20	11430.1	50
21	11431.1	50
22	11432.1	50
23	11433.1	50
24	11434.1	50

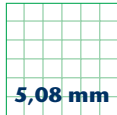
### Accessories

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P.C. BOARD PLUG-IN CONNECTORS

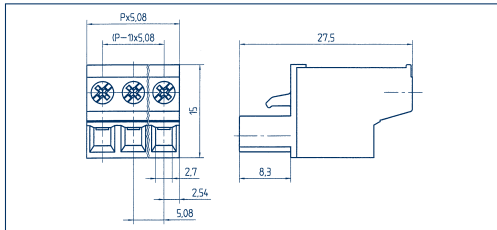
P.C. board plug-in connectors

Connector



5,08 mm

PBT 1200/... /5,08



Drawings

Connection principle

Dimensions

Spacing mm	5,08
Insulation stripping length mm	10,00
PCB hole diameter mm	-

Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

Output information

Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-12	2,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30 °C / +105 °C
Clamping part	-
Clamping cage/Eccentric	Fe/Fe
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

Order information

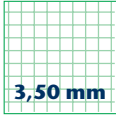
	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green	
(further colours on request, see page 5)		(Ral 6018)	
	2	11354.1	50
	3	11355.1	50
	4	11356.1	50
	5	11357.1	50
	6	11358.1	50
	7	11359.1	50
	8	11360.1	50
	9	11361.1	50
	10	11362.1	50
	11	11363.1	50
	12	11364.1	50
	13	11365.1	50
	14	11366.1	50
	15	11367.1	50
	16	11368.1	50
	17	11369.1	50
	18	11370.1	50
	19	11371.1	50
	20	11372.1	50
	21	11373.1	50
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	23	11375.1	50
	24	11376.1	50

Accessories

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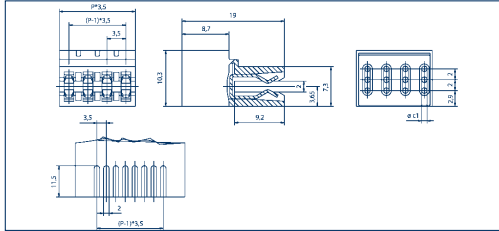
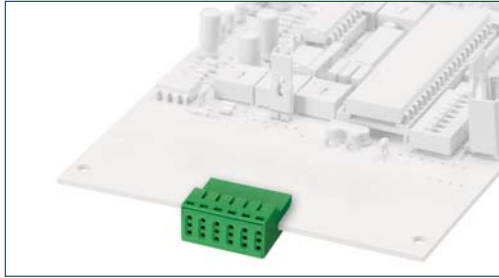
**P.C. board plug-in connectors**

Connector

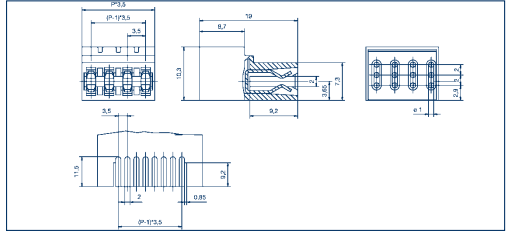
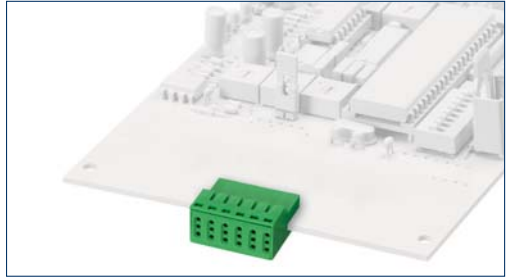


3,50 mm

**PKB 4350/... /3,50**



**PKB 4350/... /3,50-G**



**Drawings**

**Connection principle**

**Dimensions**

Spacing mm  
Insulation stripping length mm  
PCB hole diameter mm

**Connection data**

Single wire (solid) mm<sup>2</sup>  
Stranded wire (flexible) mm<sup>2</sup>  
Stranded wire (with ferrules) mm<sup>2</sup>

**Output information**

Rated voltage V  
Rated current A  
Cross section max. AWG/mm<sup>2</sup>  
Rated surge voltage  
Rated torque/Screw size  
Contamination degree

**Materials**

Insulating material/Flammability class  
Temperature Range  
Clamping part  
Clamping cage/Eccentric  
Contact pin  
Cage tension spring  
Wire protection  
Soldering lug  
Contact Spring

**Order information**

Standard colour(s)  
(further colours on request, see page 5)

**Leg-spring**

3,50

8,50

—

0,50



150 V

5 A

22-20

—

—

—

—

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

—

—

—

stainless steel

—

—

—

Cu

**No. of poles**

2

3

4

5

6

7

8

9

10

11

12

**Cat.-No.**

●

green

(Ral 6018)

13957.1

13958.1

13959.1

13960.1

13961.1

13962.1

13963.1

13964.1

13965.1

13966.1

13967.1



160 V

6 A (T60)

0,50

2,50 kV

—

—

3

**Leg-spring**

3,50

8,50

—

0,50

150 V

5 A

22-20

—

—

—

—

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

—

—

—

stainless steel

—

—

—

Cu

**No. of poles**

2

3

4

5

6

7

8

9

10

11

12

**Cat.-No.**

●

green

(Ral 6018)

13968.1

13969.1

13970.1

13971.1

13972.1

13973.1

13974.1

13975.1

13976.1

13977.1

13978.1

**Qty.p.pck.**

50

50

50

50

50

50

50

50

50

50

50

50

**No. of poles**

2

3

4

5

6

7

8

9

10

11

12

**Qty.p.pck.**

50

50

50

50

50

50

50

50

50

50

50

50

**Accessories**

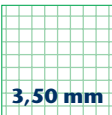
Marking  
Coding

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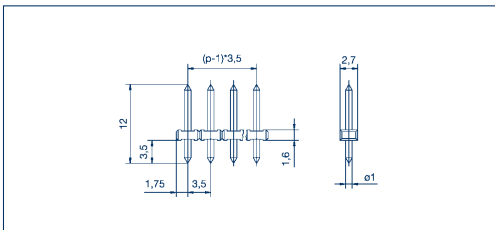
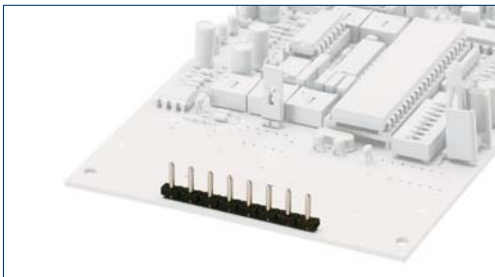
## P.C. board plug-in connectors

Header

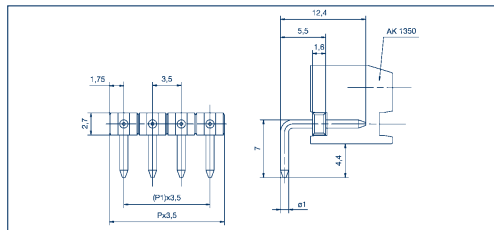
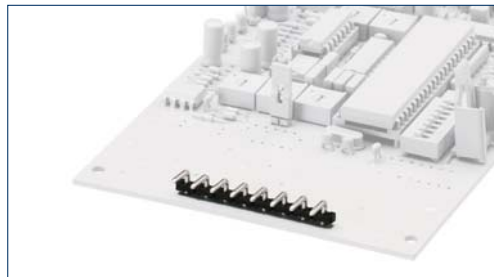


## Drawings

### STL 1350/... /3,50-V vertical



### STL 1350/... /3,50-H horizontal



## Connection principle

### Dimensions

Spacing mm	3,50
Insulation stripping length mm	—
PCB hole diameter mm	1,30

### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

### Rating

Rated voltage V	150 V
Rated current A	9 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	CuZn
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

### Order information

Standard colour(s)	● black
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● black	
	(Ral 9011)	
2	13911.4	50
3	13912.4	50
4	13913.4	50
5	13914.4	50
6	13915.4	50
7	13916.4	50
8	13917.4	50
9	13918.4	50
10	13919.4	50
11	13920.4	50
12	13921.4	50
13	13922.4	50
14	13923.4	50
15	13924.4	50
16	13925.4	50
17	13926.4	50
18	13927.4	50
19	13928.4	50
20	13929.4	50
21	13930.4	50
22	13931.4	50
23	13932.4	50
24	13933.4	50

## Dimensions

Spacing mm	3,50
Insulation stripping length mm	—
PCB hole diameter mm	1,30

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

Rated voltage V	150 V
Rated current A	9 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	CuZn
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

No. of poles	Cat.-No.	Qty.p.pck.
	● black	
	(Ral 9011)	
2	13934.4	50
3	13935.4	50
4	13936.4	50
5	13937.4	50
6	13938.4	50
7	13939.4	50
8	13940.4	50
9	13941.4	50
10	13942.4	50
11	13943.4	50
12	13944.4	50
13	13945.4	50
14	13946.4	50
15	13947.4	50
16	13948.4	50
17	13949.4	50
18	13950.4	50
19	13951.4	50
20	13952.4	50
21	13953.4	50
22	13954.4	50
23	13955.4	50
24	13956.4	50



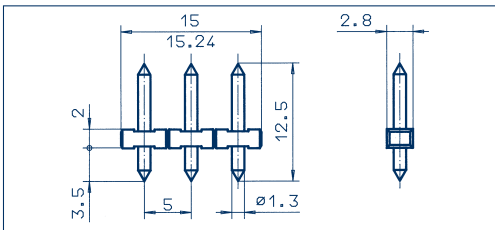
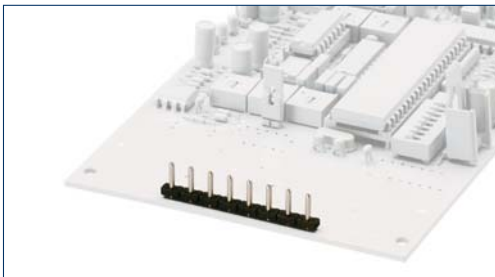
## P.C. board plug-in connectors

Header

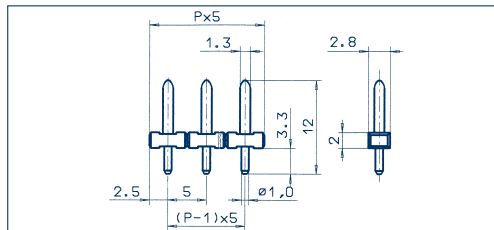
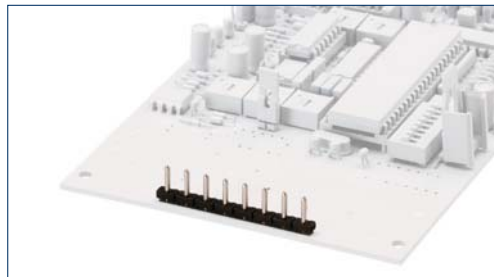


## Drawings

### STL 130/... /5,00-V vertical



### STL 132/... /5,00-V vertical



## Connection principle

### Dimensions

Spacing mm	5,00
Insulation stripping length mm	-
PCB hole diameter mm	1,50

### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

### Rating

Rated voltage V	300 V
Rated current A	10 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	CuZn
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

### Order information

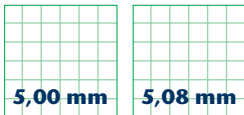
Standard colour(s)	● black
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● black	
	(Ral 9011)	
2	11435.4	50
3	11436.4	50
4	11437.4	50
5	11438.4	50
6	11439.4	50
7	11440.4	50
8	11441.4	50
9	11442.4	50
10	11443.4	50
11	11444.4	50
12	11445.4	50
13	11446.4	50
14	11447.4	50
15	11448.4	50
16	11449.4	50
17	11450.4	50
18	11451.4	50
19	11452.4	50
20	11453.4	50
21	11454.4	50
22	11455.4	50
23	11456.4	50
24	11457.4	50

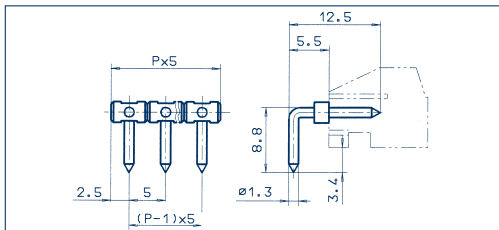
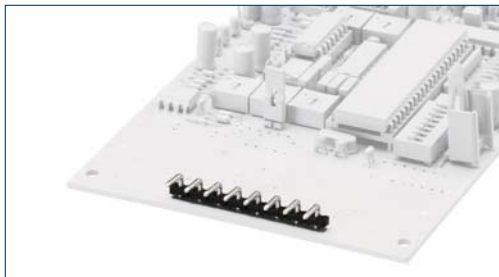
No. of poles	Cat.-No.	Qty.p.pck.
	● black	
	(Ral 9011)	
2	11469.4	50
3	11470.4	50
4	11471.4	50
5	11472.4	50
6	11473.4	50
7	11474.4	50
8	11475.4	50
9	11476.4	50
10	11477.4	50
11	11478.4	50
12	11479.4	50
13	11480.4	50
14	11481.4	50
15	11482.4	50
16	11483.4	50
17	11484.4	50
18	11485.4	50
19	11486.4	50
20	11487.4	50
21	11488.4	50
22	11489.4	50
23	11490.4	50
24	11491.4	50

## P.C. board plug-in connectors

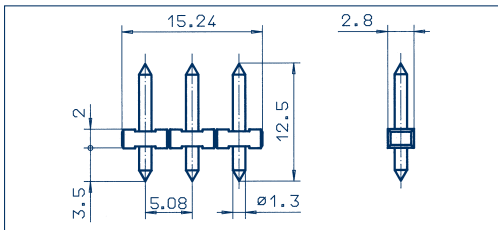
### Header



## STL 140/... /5,00-H horizontal



## STL 130/... /5,08-V vertical



### Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	—
PCB hole diameter mm	1,50

#### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

#### Rating

Rated voltage V	300 V	250 V
Rated current A	10 A	10 A (T55)
Cross section max. AWG/mm <sup>2</sup>	—	—
Rated surge voltage	—	4,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	CuZn
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

#### Order information

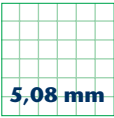
Standard colour(s)  
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	● black (Ral 9011)	
2	11492.4	50
3	11493.4	50
4	11494.4	50
5	11495.4	50
6	11496.4	50
7	11497.4	50
8	11498.4	50
9	11499.4	50
10	11500.4	50
11	11501.4	50
12	11502.4	50
13	11503.4	50
14	11504.4	50
15	11505.4	50
16	11506.4	50
17	11507.4	50
18	11508.4	50
19	11509.4	50
20	11510.4	50
21	11511.4	50
22	11512.4	50
23	11513.4	50
24	11514.4	50

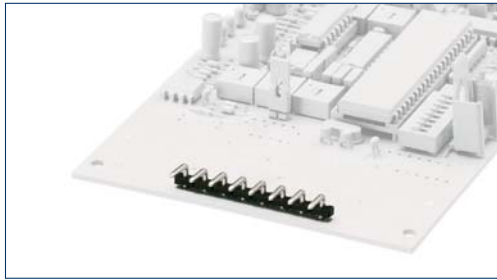
No. of poles	Cat.-No.	Qty.p.pck.
	● black (Ral 9011)	
2	13650.4	50
3	13651.4	50
4	13652.4	50
5	13653.4	50
6	13654.4	50
7	13655.4	50
8	13656.4	50
9	13657.4	50
10	13658.4	50
11	13659.4	50
12	13660.4	50
13	13661.4	50
14	13662.4	50
15	13663.4	50
16	13664.4	50
17	13665.4	50
18	13666.4	50
19	13667.4	50
20	13668.4	50
21	13669.4	50
22	13670.4	50
23	13671.4	50
24	13672.4	50

P.C. board plug-in connectors

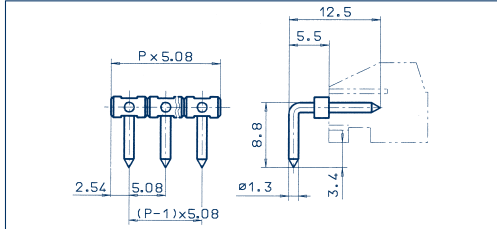
Header



STL 140/... /5,08-H horizontal



Drawings



Connection principle

Dimensions

Spacing mm	5,08
Insulation stripping length mm	-
PCB hole diameter mm	1,50

Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

Rating

Rated voltage V	300 V	250 V
Rated current A	10 A	10 A (T55)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

Materials

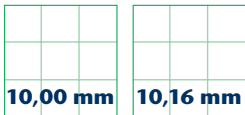
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	CuZn
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

Order information

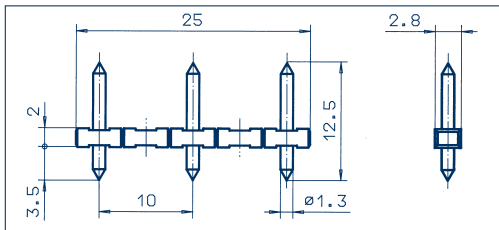
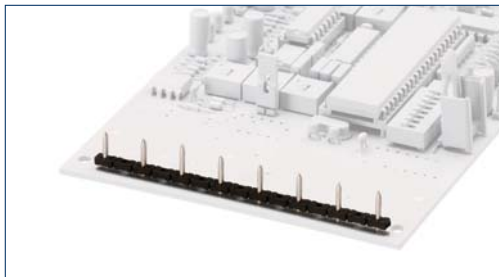
	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● black	
(further colours on request, see page 5)		(Ral 9011)	
	2	13673.4	50
	3	13674.4	50
	4	13675.4	50
	5	13676.4	50
	6	13677.4	50
	7	13678.4	50
	8	13679.4	50
	9	13680.4	50
	10	13681.4	50
	11	13682.4	50
	12	13683.4	50
	13	13684.4	50
	14	13685.4	50
	15	13686.4	50
	16	13687.4	50
	17	13688.4	50
	18	13689.4	50
	19	13690.4	50
	20	13691.4	50
	21	13692.4	50
	22	13693.4	50
	23	13694.4	50
	24	13695.4	50

**P.C. board plug-in connectors**

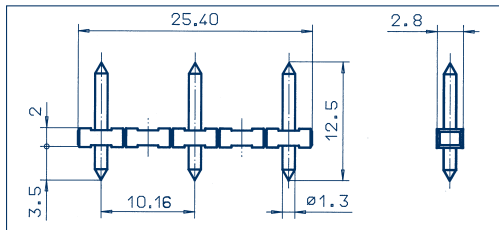
Header



**STL 130/... /10,00-V vertical**



**STL 130/... /10,16-V vertical**



**Drawings**

**Connection principle**

**Dimensions**

Spacing mm	10,00
Insulation stripping length mm	-
PCB hole diameter mm	1,50

**Connection data**

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

**Rating**

Rated voltage V	300 V	630 V
Rated current A	10 A	10 A (T55)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	8,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

**Materials**

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	CuZn
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

**Order information**

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	black	
	(Ral 9011)	
2	11458.4	50
3	11459.4	50
4	11460.4	50
5	11461.4	50
6	11462.4	50
7	11463.4	50
8	11464.4	50
9	11465.4	50
10	11466.4	50
11	11467.4	50
12	11468.4	50

**Dimensions**

Spacing mm	10,16
Insulation stripping length mm	-
PCB hole diameter mm	1,50

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

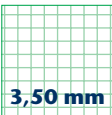
Rated voltage V	300 V	630 V
Rated current A	10 A	10 A (T55)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	8,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	CuZn
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	black	
	(Ral 9011)	
2	13696.4	50
3	13697.4	50
4	13698.4	50
5	13699.4	50
6	13700.4	50
7	13701.4	50
8	13702.4	50
9	13703.4	50
10	13704.4	50
11	13705.4	50
12	13706.4	50

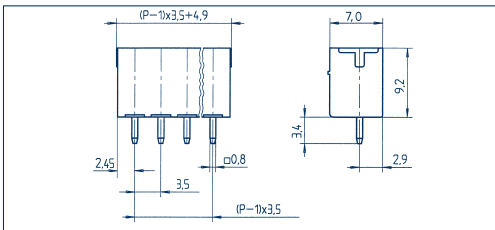
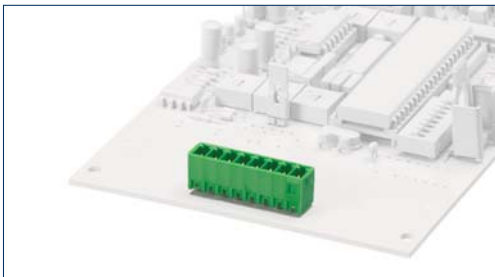
## P.C. board plug-in connectors

Header

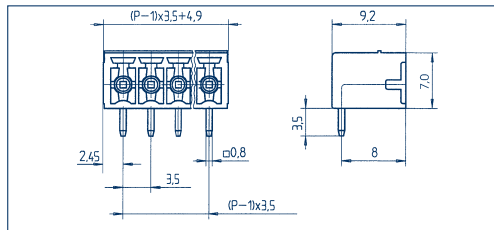
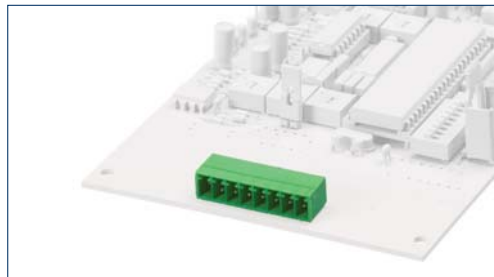


3,50 mm

### STL 1550/... /3,50-V-G vertical



### STL 1550/... /3,50-H-G horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,50
Insulation stripping length mm	—
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

#### Rating

Rated voltage V	300 V
Rated current A	8 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

#### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11877.1	50
3	11878.1	50
4	11879.1	50
5	11880.1	50
6	11881.1	50
7	11882.1	50
8	11883.1	50
9	11884.1	50
10	11885.1	50
11	11886.1	50
12	11887.1	50
13	11888.1	50
14	11889.1	50
15	11890.1	50
16	11891.1	50
17	11892.1	50
18	11893.1	50
19	11894.1	50
20	11895.1	50

#### Dimensions

Spacing mm	3,50
Insulation stripping length mm	—
PCB hole diameter mm	1,20

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

Rated voltage V	300 V
Rated current A	8 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11911.1	50
3	11912.1	50
4	11913.1	50
5	11914.1	50
6	11915.1	50
7	11916.1	50
8	11917.1	50
9	11918.1	50
10	11919.1	50
11	11920.1	50
12	11921.1	50
13	11922.1	50
14	11923.1	50
15	11924.1	50
16	11925.1	50
17	11926.1	50
18	11927.1	50
19	11928.1	50
20	11929.1	50

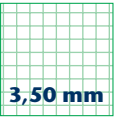
## Accessories

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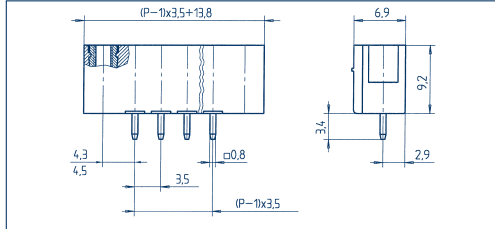
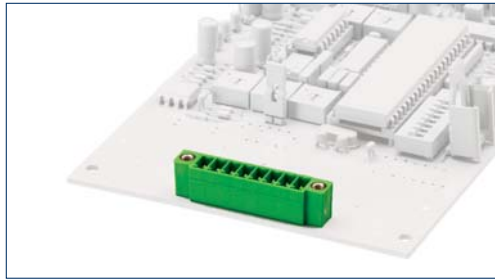
## P.C. board plug-in connectors

Header

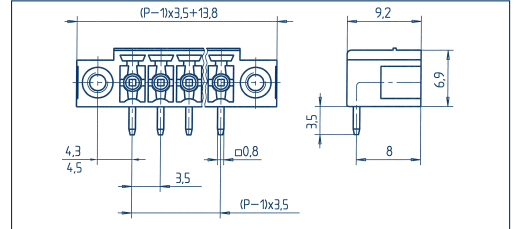
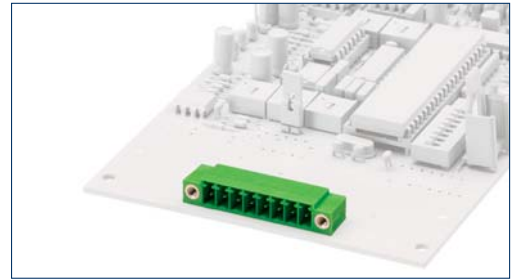


3,50 mm

## STL 1550/... /3,50-V-F vertical



## STL 1550/... /3,50-H-F horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,50
Insulation stripping length mm	—
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

#### Rating

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	—	—
Rated surge voltage	—	4,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C	-30°C / +105°C
Clamping part	—	—
Clamping cage/Eccentric	—	—
Contact pin	Cu	Cu
Cage tension spring	—	—
Wire protection	—	—
Soldering lug	—	—
Contact Spring	—	—

#### Order information

	No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		●			●	
(further colours on request, see page 5)		green			green	
		(Ral 6018)			(Ral 6018)	
	2	13753.1	50	2	13770.1	50
	3	13754.1	50	3	13771.1	50
	4	13755.1	50	4	13772.1	50
	5	13756.1	50	5	13773.1	50
	6	13757.1	50	6	13774.1	50
	7	13758.1	50	7	13775.1	50
	8	13759.1	50	8	13776.1	50
	9	13760.1	50	9	13777.1	50
	10	13761.1	50	10	13778.1	50
	11	13762.1	50	11	13779.1	50
	12	13763.1	50	12	13780.1	50
	13	13764.1	50	13	13781.1	50
	14	13765.1	50	14	13782.1	50
	15	13766.1	50	15	13783.1	50
	16	13767.1	50	16	13784.1	50
	17	13768.1	50	17	13785.1	50
	18	13769.1	50	18	13786.1	50
	19	13985.1	50	19	13987.1	50
	20	13986.1	50	20	13988.1	50

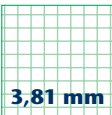
#### Accessories

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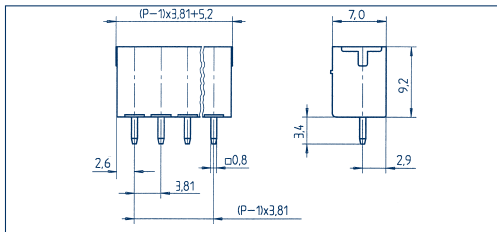
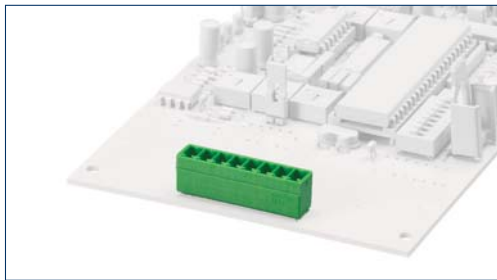
## P.C. board plug-in connectors

Header

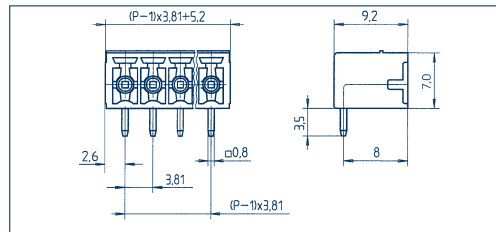
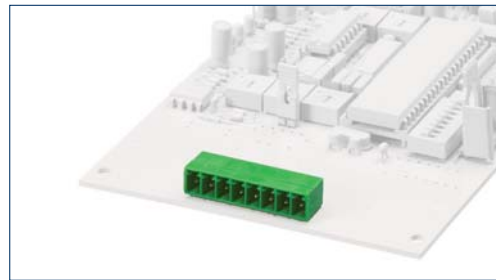


3,81 mm

### STL 1550/... /3,81-V-G vertical



### STL 1550/... /3,81-H-G horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,81
Insulation stripping length mm	-
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

#### Rating

Rated voltage V	300 V
Rated current A	8 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

#### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11896.1	50
3	11897.1	50
4	11898.1	50
5	11899.1	50
6	11900.1	50
7	11901.1	50
8	11902.1	50
9	11903.1	50
10	11904.1	50
11	11905.1	50
12	11906.1	50
13	11907.1	50
14	11908.1	50
15	11909.1	50
16	11910.1	50
17	13709.1	50
18	13710.1	50
19	13711.1	50
20	13712.1	50

#### Dimensions

Spacing mm	3,81
Insulation stripping length mm	-
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

#### Rating

Rated voltage V	300 V
Rated current A	8 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

#### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11930.1	50
3	11931.1	50
4	11932.1	50
5	11933.1	50
6	11934.1	50
7	11935.1	50
8	11936.1	50
9	11937.1	50
10	11938.1	50
11	11939.1	50
12	11940.1	50
13	11941.1	50
14	11942.1	50
15	11943.1	50
16	11944.1	50
17	13713.1	50
18	13714.1	50
19	13715.1	50
20	13716.1	50

## Accessories

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## Accessories

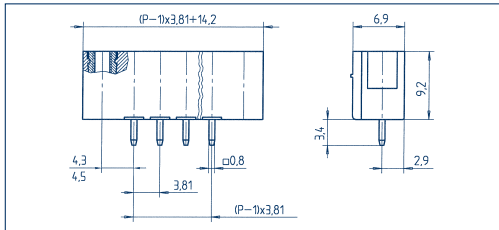
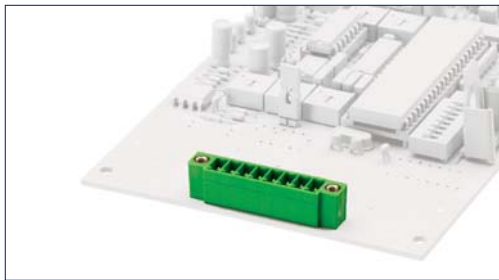
Coding	Page 124 - 125
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## P.C. board plug-in connectors

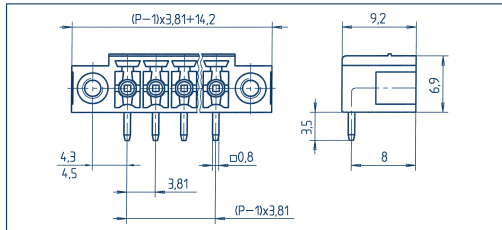
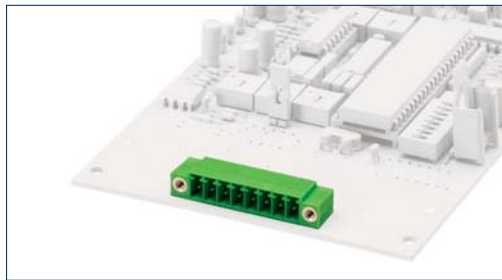
Header

3,81 mm

### STL 1550/... /3,81-V-F vertical



### STL 1550/... /3,81-H-F horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,81
Insulation stripping length mm	-
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

#### Rating

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	13787.1	50
3	13788.1	50
4	13789.1	50
5	13790.1	50
6	13791.1	50
7	13792.1	50
8	13793.1	50
9	13794.1	50
10	13795.1	50
11	13796.1	50
12	13797.1	50
13	13798.1	50
14	13799.1	50
15	13800.1	50
16	13801.1	50
17	13802.1	50
18	13803.1	50
19	13804.1	50
20	13805.1	50

#### Accessories

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### Connection principle

Spacing mm	3,81
Insulation stripping length mm	-
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

#### Rating

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

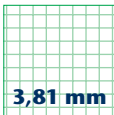
#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	13806.1	50
3	13807.1	50
4	13808.1	50
5	13809.1	50
6	13810.1	50
7	13811.1	50
8	13812.1	50
9	13813.1	50
10	13814.1	50
11	13815.1	50
12	13816.1	50
13	13817.1	50
14	13818.1	50
15	13819.1	50
16	13820.1	50
17	13821.1	50
18	13822.1	50
19	13823.1	50
20	13824.1	50

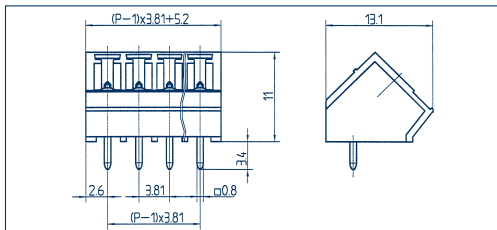
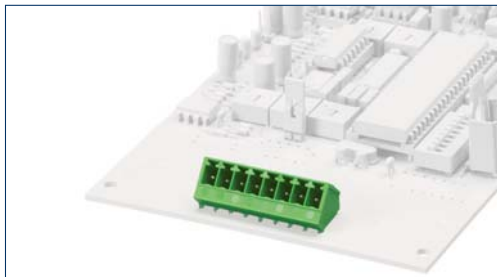
Coding	Page 124 - 125
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P.C. board plug-in connectors

Header



STL 1590/... /3,81-G



Drawings

Connection principle

Dimensions

Spacing mm	3,81
Insulation stripping length mm	-
PCB hole diameter mm	1,20

Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

Rating

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30 °C / +105 °C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

Order information

	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green	
(further colours on request, see page 5)		(Ral 6018)	
	2	11983.1	50
	3	11984.1	50
	4	11985.1	50
	5	11986.1	50
	6	11987.1	50
	7	11988.1	50
	8	11989.1	50
	9	11990.1	50
	10	11991.1	50
	11	11992.1	50
	12	11993.1	50
	13	11994.1	50
	14	11995.1	50
	15	11996.1	50
	16	11997.1	50
	17	11998.1	50
	18	11999.1	50
	19	12000.1	50
	20	12001.1	50

Accessories

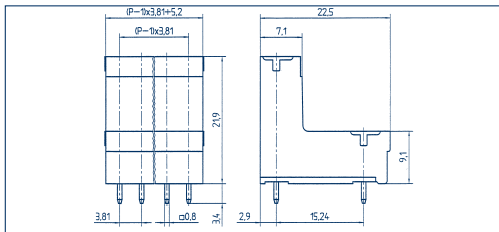
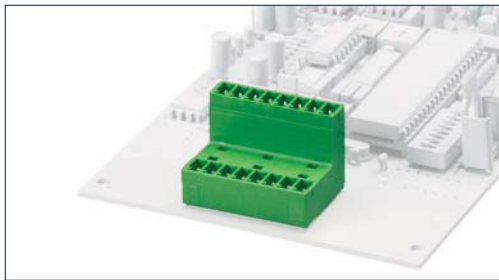
Coding	Page 124 - 125
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## P.C. board plug-in connectors

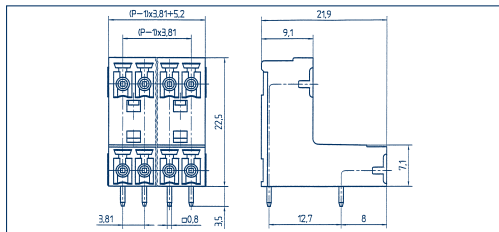
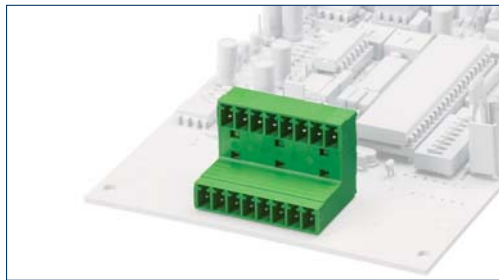
Header

3,81 mm

### STL 1570/... /3,81-V-G vertical



### STL 1570/... /3,81-H-G horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	3,81
Insulation stripping length mm	—
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

#### Rating

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	—	—
Rated surge voltage	—	4,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C

Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11945.1	50
3	11946.1	50
4	11947.1	50
5	11948.1	50
6	11949.1	50
7	11950.1	50
8	11951.1	50
9	11952.1	50
10	11953.1	50
11	11954.1	50
12	11955.1	50
13	11956.1	50
14	11957.1	50
15	11958.1	50
16	11959.1	50
17	11960.1	50
18	11961.1	50
19	11962.1	50
20	11963.1	50

1 pole = 2 electrical connections

#### Accessories

Coding Page 124 - 125

### Connection principle

Spacing mm	3,81
Insulation stripping length mm	—
PCB hole diameter mm	1,20

#### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

#### Rating

Rated voltage V	300 V	160 V
Rated current A	8 A	9 A (T60)
Cross section max. AWG/mm <sup>2</sup>	—	—
Rated surge voltage	—	4,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C

Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

#### Order information

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11964.1	50
3	11965.1	50
4	11966.1	50
5	11967.1	50
6	11968.1	50
7	11969.1	50
8	11970.1	50
9	11971.1	50
10	11972.1	50
11	11973.1	50
12	11974.1	50
13	11975.1	50
14	11976.1	50
15	11977.1	50
16	11978.1	50
17	11979.1	50
18	11980.1	50
19	11981.1	50
20	11982.1	50

1 pole = 2 electrical connections

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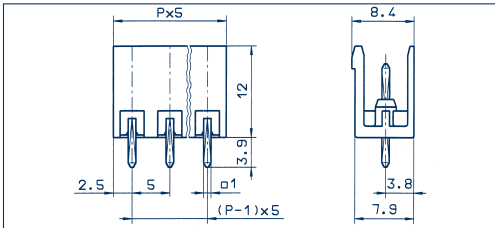
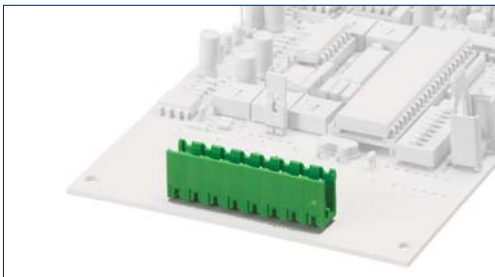
## P.C. board plug-in connectors

Header

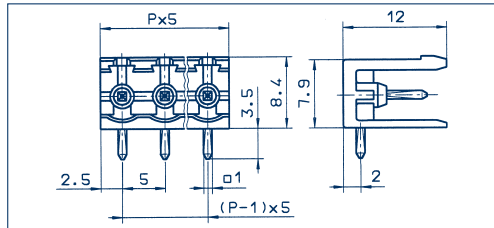
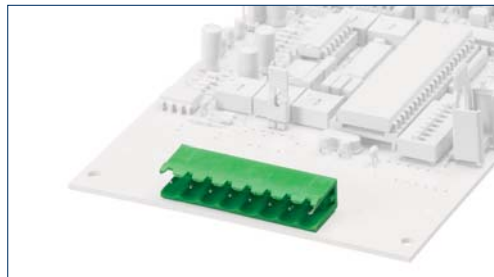


## Drawings

### STL 950/... /5,00-V vertical



### STL 950/... /5,00-H horizontal



## Connection principle

### Dimensions

Spacing mm	5,00
Insulation stripping length mm	-
PCB hole diameter mm	1,40

### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

### Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11515.1	50
3	11516.1	50
4	11517.1	50
5	11518.1	50
6	11519.1	50
7	11520.1	50
8	11521.1	50
9	11522.1	50
10	11523.1	50
11	11524.1	50
12	11525.1	50
13	11526.1	50
14	11527.1	50
15	11528.1	50
16	11529.1	50
17	11530.1	50
18	11531.1	50
19	11532.1	50
20	11533.1	50
21	11534.1	50
22	11535.1	50
23	11536.1	50
24	11537.1	50

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11561.1	50
3	11562.1	50
4	11563.1	50
5	11564.1	50
6	11565.1	50
7	11566.1	50
8	11567.1	50
9	11568.1	50
10	11569.1	50
11	11570.1	50
12	11571.1	50
13	11572.1	50
14	11573.1	50
15	11574.1	50
16	11575.1	50
17	11576.1	50
18	11577.1	50
19	11578.1	50
20	11579.1	50
21	11580.1	50
22	11581.1	50
23	11582.1	50
24	11583.1	50

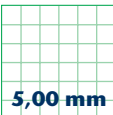
## Accessories

Coding	Page 124 - 125
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Coding	Page 124 - 125
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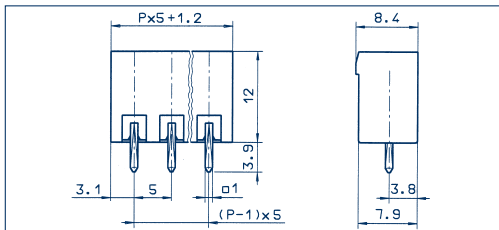
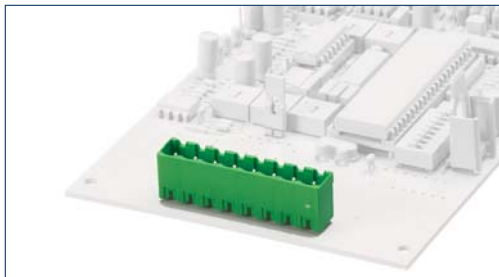
## P.C. board plug-in connectors

Header

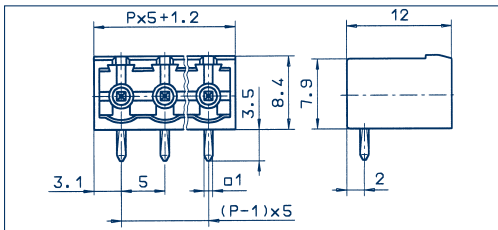
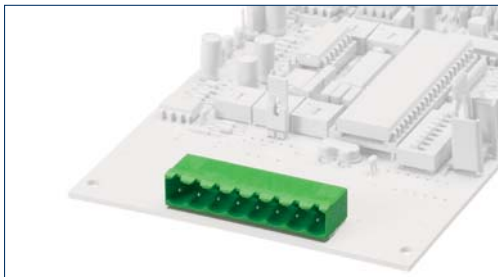


5,00 mm

## STL 950/... /5,00-V-G vertical



## STL 950/... /5,00-H-G horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,00
Insulation stripping length mm	-
PCB hole diameter mm	1,40

#### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

#### Rating

	300 V	250 V
Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

#### Materials

	300 V	250 V	300 V	250 V
Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0		PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C		-30°C / +105°C	
Clamping part	-		-	
Clamping cage/Eccentric	-		-	
Contact pin	Cu		Cu	
Cage tension spring	-		-	
Wire protection	-		-	
Soldering lug	-		-	
Contact Spring	-		-	

#### Order information

	No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green (Ral 6018)			● green (Ral 6018)	
(further colours on request, see page 5)						
	2	11607.1	50	2	11653.1	50
	3	11608.1	50	3	11654.1	50
	4	11609.1	50	4	11655.1	50
	5	11610.1	50	5	11656.1	50
	6	11611.1	50	6	11657.1	50
	7	11612.1	50	7	11658.1	50
	8	11613.1	50	8	11659.1	50
	9	11614.1	50	9	11660.1	50
	10	11615.1	50	10	11661.1	50
	11	11616.1	50	11	11662.1	50
	12	11617.1	50	12	11663.1	50
	13	11618.1	50	13	11664.1	50
	14	11619.1	50	14	11665.1	50
	15	11620.1	50	15	11666.1	50
	16	11621.1	50	16	11667.1	50
	17	11622.1	50	17	11668.1	50
	18	11623.1	50	18	11669.1	50
	19	11624.1	50	19	11670.1	50
	20	11625.1	50	20	11671.1	50
	21	11626.1	50	21	11672.1	50
	22	11627.1	50	22	11673.1	50
	23	11628.1	50	23	11674.1	50
	24	11629.1	50	24	11675.1	50

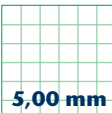
#### Accessories

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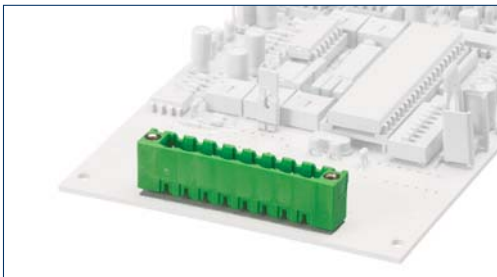
## P.C. board plug-in connectors

Header

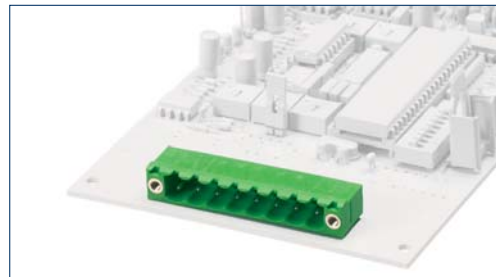


5,00 mm

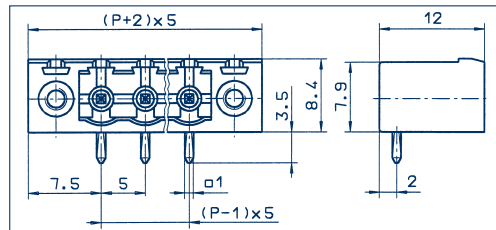
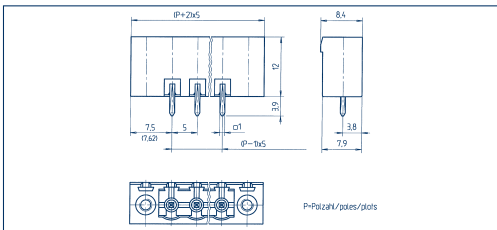
## STL 950/... /5,00-V-F vertical



## STL 950/... /5,00-H-F horizontal



## Drawings



## Connection principle

### Dimensions

Spacing mm	5,00
Insulation stripping length mm	-
PCB hole diameter mm	1,40

### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

### Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	(Ral 6018)

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	12201.1	50
3	12202.1	50
4	12203.1	50
5	12204.1	50
6	12205.1	50
7	12206.1	50
8	12207.1	50
9	12208.1	50
10	12209.1	50
11	13240.1	50
12	13241.1	50
13	13242.1	50
14	13243.1	50
15	13244.1	50
16	13245.1	50
17	13246.1	50
18	13247.1	50
19	13248.1	50
20	13249.1	50
21	13250.1	50
22	13251.1	50
23	13252.1	50
24	13253.1	50

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11781.1	50
3	11782.1	50
4	11783.1	50
5	11784.1	50
6	11785.1	50
7	11786.1	50
8	11787.1	50
9	11788.1	50
10	11789.1	50
11	13254.1	50
12	13255.1	50
13	13256.1	50
14	13257.1	50
15	13258.1	50
16	13259.1	50
17	13260.1	50
18	13261.1	50
19	13262.1	50
20	13263.1	50
21	13264.1	50
22	13265.1	50
23	13266.1	50
24	13267.1	50

## Accessories

Coding

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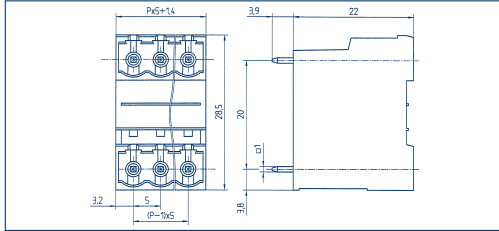
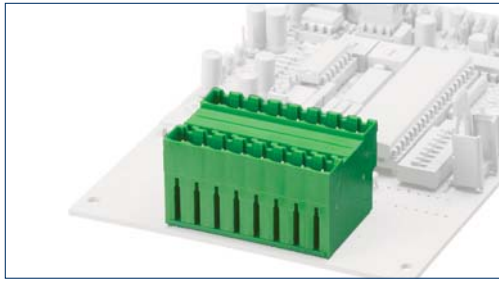
## P.C. board plug-in connectors

Header

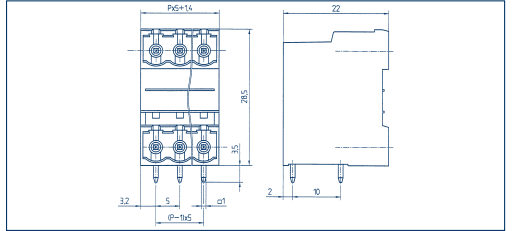
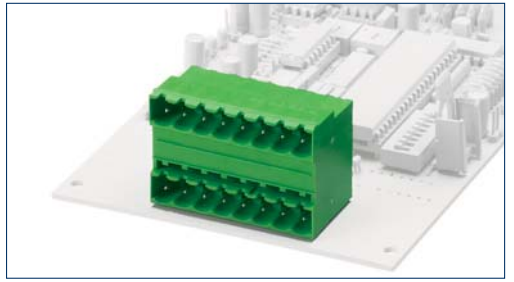


5,00 mm

### STL 975/... /5,00-V-G vertical



### STL 975/... /5,00-H-G horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm

5,00

Insulation stripping length mm

—

PCB hole diameter mm

1,40

#### Connection data

Single wire (solid) mm<sup>2</sup>

—

Stranded wire (flexible) mm<sup>2</sup>

—

Stranded wire (with ferrules) mm<sup>2</sup>

—

#### Rating

Rated voltage V



300 V



250 V

Rated current A

15 A

12 A (T60)

Cross section max. AWG/mm<sup>2</sup>

—

Rated surge voltage

—

4,00 kV

Rated torque/Screw size

—

Contamination degree

—

3

#### Materials

Insulating material/Flammability class

PA 6.6 V0 / UL 94 V0

Temperature Range

-30°C / +105°C

Clamping part

—

Clamping cage/Eccentric

—

Contact pin

Cu

Cage tension spring

—

Wire protection

—

Soldering lug

—

Contact Spring

—

#### Order information

Standard colour(s)

(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11799.1	50
3	11800.1	50
4	11801.1	50
5	11802.1	50
6	11803.1	50
7	11804.1	50
8	11805.1	50
9	11806.1	50
10	11807.1	50
11	11808.1	50
12	11809.1	50
13	11810.1	50
14	11811.1	50
15	11812.1	50
16	11813.1	50
17	11814.1	50
18	11815.1	50
19	11816.1	50
20	11817.1	50
21	11818.1	50
22	11819.1	50
23	11820.1	50
24	11821.1	50

1 pole = 2 electrical connections

#### Accessories

Coding

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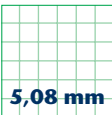
No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11822.1	50
3	11823.1	50
4	11824.1	50
5	11825.1	50
6	11826.1	50
7	11827.1	50
8	11828.1	50
9	11829.1	50
10	11830.1	50
11	11831.1	50
12	11832.1	50
13	11833.1	50
14	11834.1	50
15	11835.1	50
16	11836.1	50
17	11837.1	50
18	11838.1	50
19	11839.1	50
20	11840.1	50
21	11841.1	50
22	11842.1	50
23	11843.1	50
24	11844.1	50

1 pole = 2 electrical connections

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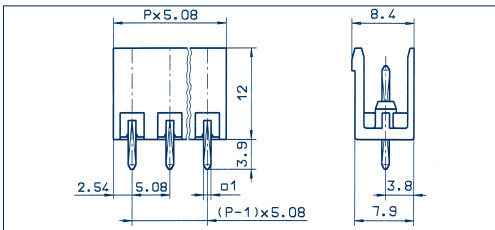
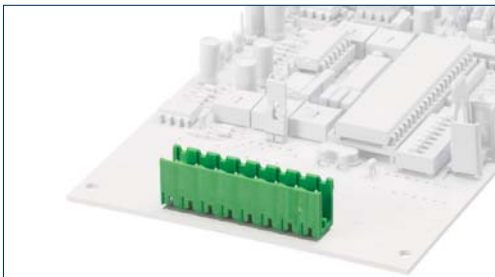
## P.C. board plug-in connectors

Header

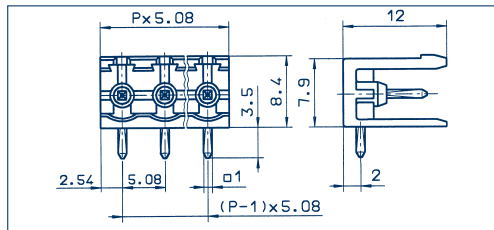
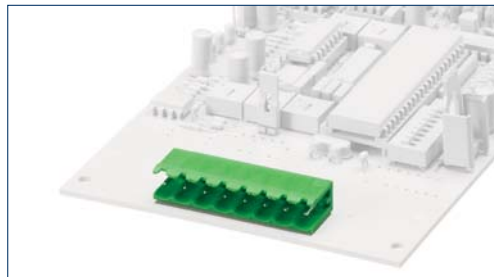


5,08 mm

### STL 950/... /5,08-V vertical



### STL 950/... /5,08-H horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	-
PCB hole diameter mm	1,40

#### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

#### Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

#### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	(Ral 6018)

No. of poles	Cat.-No.	Qty.p.pck.
2	11538.1	50
3	11539.1	50
4	11540.1	50
5	11541.1	50
6	11542.1	50
7	11543.1	50
8	11544.1	50
9	11545.1	50
10	11546.1	50
11	11547.1	50
12	11548.1	50
13	11549.1	50
14	11550.1	50
15	11551.1	50
16	11552.1	50
17	11553.1	50
18	11554.1	50
19	11555.1	50
20	11556.1	50
21	11557.1	50
22	11558.1	50
23	11559.1	50
24	11560.1	50

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	-
PCB hole diameter mm	1,40

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

Standard colour(s)	● green
(further colours on request, see page 5)	(Ral 6018)

No. of poles	Cat.-No.	Qty.p.pck.
2	11584.1	50
3	11585.1	50
4	11586.1	50
5	11587.1	50
6	11588.1	50
7	11589.1	50
8	11590.1	50
9	11591.1	50
10	11592.1	50
11	11593.1	50
12	11594.1	50
13	11595.1	50
14	11596.1	50
15	11597.1	50
16	11598.1	50
17	11599.1	50
18	11600.1	50
19	11601.1	50
20	11602.1	50
21	11603.1	50
22	11604.1	50
23	11605.1	50
24	11606.1	50

## Accessories

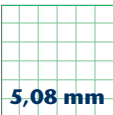
Coding

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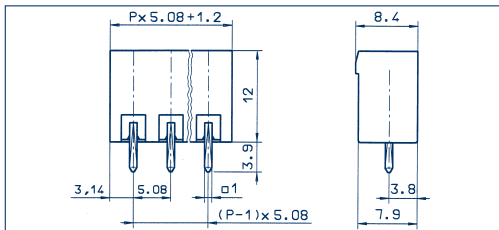
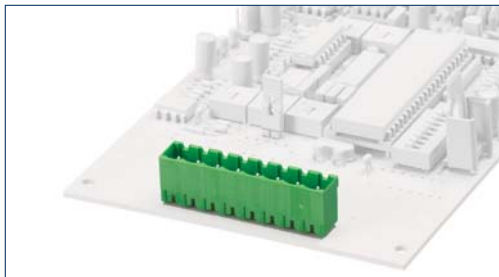
## P.C. board plug-in connectors

Header

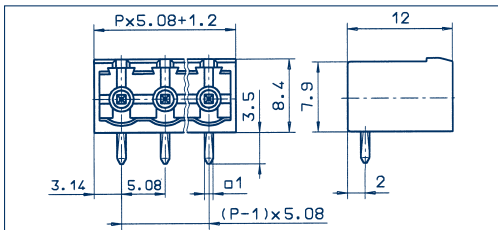
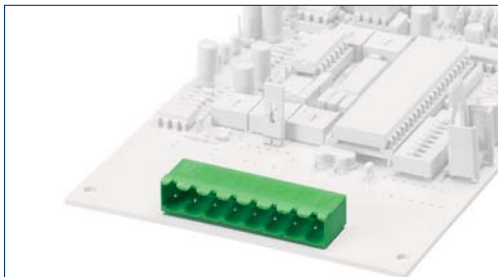


5,08 mm

### STL 950/... /5,08-V-G vertical



### STL 950/... /5,08-H-G horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm	5,08
Insulation stripping length mm	-
PCB hole diameter mm	1,40

#### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

#### Rating

Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

#### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

#### Order information

	No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		●			●	
(further colours on request, see page 5)		green			green	
		(Ral 6018)			(Ral 6018)	
	2	11630.1	50	2	11676.1	50
	3	11631.1	50	3	11677.1	50
	4	11632.1	50	4	11678.1	50
	5	11633.1	50	5	11679.1	50
	6	11634.1	50	6	11680.1	50
	7	11635.1	50	7	11681.1	50
	8	11636.1	50	8	11682.1	50
	9	11637.1	50	9	11683.1	50
	10	11638.1	50	10	11684.1	50
	11	11639.1	50	11	11685.1	50
	12	11640.1	50	12	11686.1	50
	13	11641.1	50	13	11687.1	50
	14	11642.1	50	14	11688.1	50
	15	11643.1	50	15	11689.1	50
	16	11644.1	50	16	11690.1	50
	17	11645.1	50	17	11691.1	50
	18	11646.1	50	18	11692.1	50
	19	11647.1	50	19	11693.1	50
	20	11648.1	50	20	11694.1	50
	21	11649.1	50	21	11695.1	50
	22	11650.1	50	22	11696.1	50
	23	11651.1	50	23	11697.1	50
	24	11652.1	50	24	11698.1	50

#### Accessories

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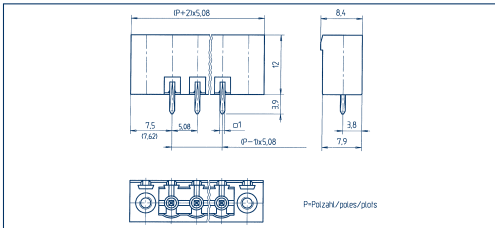
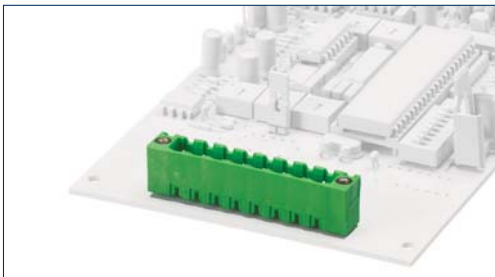
## P.C. board plug-in connectors

Header

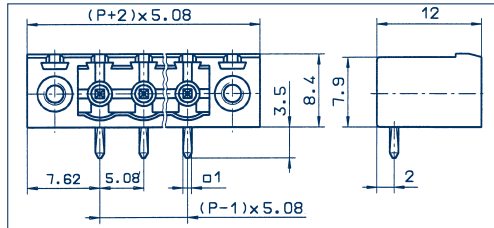
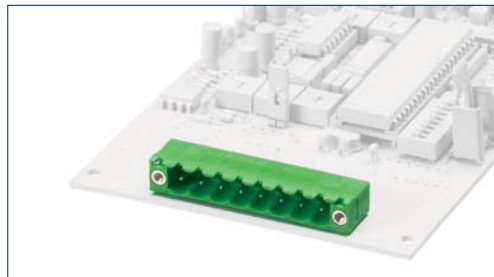


## Drawings

### STL 950/... /5,08-V-F vertical



### STL 950/... /5,08-H-F horizontal



## Connection principle

### Dimensions

Spacing mm	5,08
Insulation stripping length mm	-
PCB hole diameter mm	1,40

### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

### Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	4,00 kV
Rated torque/Screw size	-
Contamination degree	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	12210.1	50
3	12211.1	50
4	12212.1	50
5	12213.1	50
6	12214.1	50
7	12215.1	50
8	12216.1	50
9	12217.1	50
10	12218.1	50
11	13198.1	50
12	13199.1	50
13	13200.1	50
14	13201.1	50
15	13202.1	50
16	13203.1	50
17	13204.1	50
18	13205.1	50
19	13206.1	50
20	13207.1	50
21	13208.1	50
22	13209.1	50
23	13210.1	50
24	13211.1	50

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11790.1	50
3	11791.1	50
4	11792.1	50
5	11793.1	50
6	11794.1	50
7	11795.1	50
8	11796.1	50
9	11797.1	50
10	11798.1	50
11	13268.1	50
12	13269.1	50
13	13270.1	50
14	13271.1	50
15	13272.1	50
16	13273.1	50
17	13274.1	50
18	13275.1	50
19	13276.1	50
20	13277.1	50
21	13278.1	50
22	13279.1	50
23	13280.1	50
24	13281.1	50

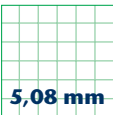
## Accessories

Coding	Page 124 - 125
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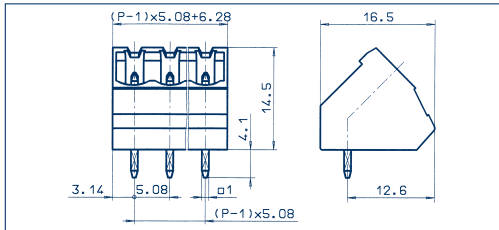
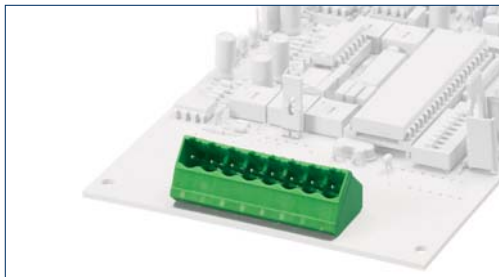
Coding	Page 124 - 125
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**P.C. board plug-in connectors**

Header



**STL 990/... /5,08-G**



**Drawings**

**Connection principle**

**Dimensions**

Spacing mm	5,08
Insulation stripping length mm	-
PCB hole diameter mm	1,40

**Connection data**

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

**Rating**

Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	-	-
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	-
Contamination degree	-	3

**Materials**

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

**Order information**

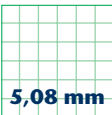
	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green	
(further colours on request, see page 5)		(Ral 6018)	
	2	11845.1	50
	3	11846.1	50
	4	11847.1	50
	5	11848.1	50
	6	11849.1	50
	7	11850.1	50
	8	11851.1	50
	9	11852.1	50
	10	11853.1	50
	11	11854.1	50
	12	11855.1	50
	13	11856.1	50
	14	11857.1	50
	15	11858.1	50
	16	11859.1	50
	17	11860.1	50
	18	11861.1	50
	19	11862.1	50
	20	11863.1	50
	21	11864.1	50
	22	11865.1	50
	23	11866.1	50
	24	11867.1	50

**Accessories**

Coding	Page 124 - 125
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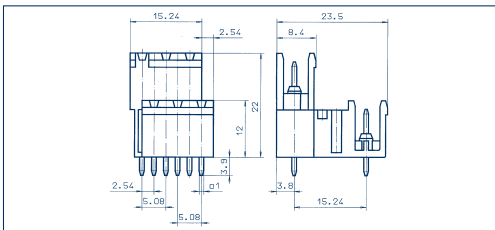
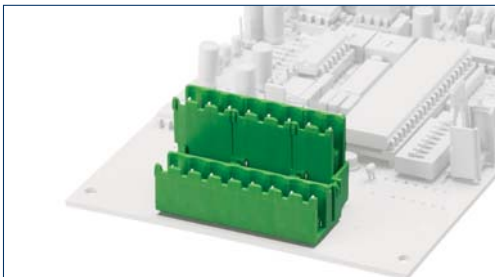
## P.C. board plug-in connectors

Header

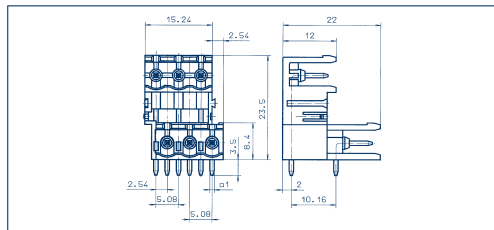
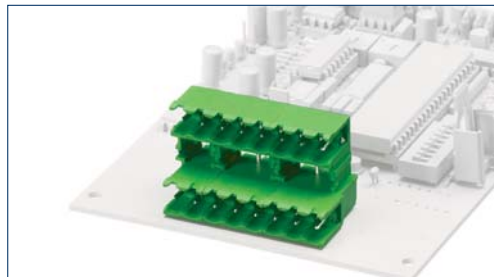


## Drawings

### STL 970/... /5,08-V vertical



### STL 970/... /5,08-H horizontal



## Connection principle

### Dimensions

Spacing mm	5,08
Insulation stripping length mm	—
PCB hole diameter mm	1,40

### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

### Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11759.1	50
3	11760.1	50
4	11761.1	50
5	11762.1	50
6	11763.1	50
7	11764.1	50
8	11765.1	50
9	11766.1	50
10	11767.1	50
11	11768.1	50
12	11769.1	50
13	12738.1	50
14	12739.1	50
15	12740.1	50
16	12741.1	50
17	12742.1	50
18	12743.1	50
19	12744.1	50
20	12745.1	50
21	12746.1	50
22	12747.1	50
23	12748.1	50
24	12749.1	50

1 pole = 2 electrical connections

### Accessories

Coding	Page 124 - 125
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## Dimensions

Spacing mm	5,08
Insulation stripping length mm	—
PCB hole diameter mm	1,40

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	—
Rated torque/Screw size	—
Contamination degree	—

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

Standard colour(s)	● green
(further colours on request, see page 5)	

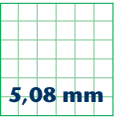
No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11770.1	50
3	11771.1	50
4	11772.1	50
5	11773.1	50
6	11774.1	50
7	11775.1	50
8	11776.1	50
9	11777.1	50
10	11778.1	50
11	11779.1	50
12	11780.1	50
13	12750.1	50
14	12750.1	50
15	12750.1	50
16	12750.1	50
17	12750.1	50
18	12750.1	50
19	12750.1	50
20	12750.1	50
21	12750.1	50
22	12750.1	50
23	12750.1	50
24	12750.1	50

1 pole = 2 electrical connections

Coding	Page 124 - 125
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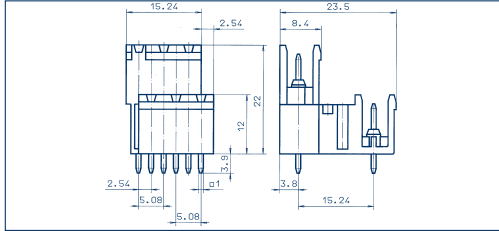
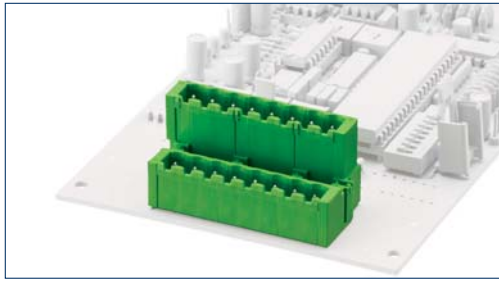
**P.C. board plug-in connectors**

Header

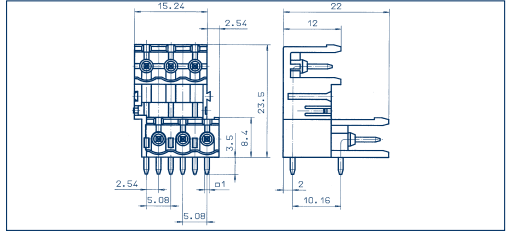
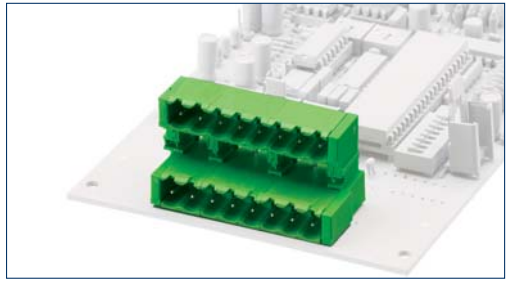


**Drawings**

**STL 970/... /5,08-V-G vertical**



**STL 970/... /5,08-H-G horizontal**



**Connection principle**

**Dimensions**

Spacing mm	5,08
Insulation stripping length mm	—
PCB hole diameter mm	1,40

**Connection data**

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

**Rating**

Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	—	—
Rated surge voltage	—	4,00 kV
Rated torque/Screw size	—	—
Contamination degree	—	3

**Materials**

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

**Order information**

	No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green (Ral 6018)			● green (Ral 6018)	
(further colours on request, see page 5)						
	2	13429.1	50	2	13440.1	50
	3	13430.1	50	3	13441.1	50
	4	13431.1	50	4	13442.1	50
	5	13432.1	50	5	13443.1	50
	6	13433.1	50	6	13444.1	50
	7	13434.1	50	7	13445.1	50
	8	13435.1	50	8	13446.1	50
	9	13436.1	50	9	13447.1	50
	10	13437.1	50	10	13448.1	50
	11	13438.1	50	11	13449.1	50
	12	13439.1	50	12	13450.1	50

Higher pole numbers on request!

1 pole = 2 electrical connections

**Accessories**

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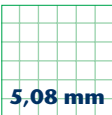
Higher pole numbers on request!

1 pole = 2 electrical connections

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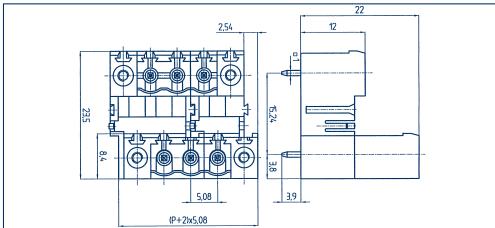
## P.C. board plug-in connectors

Header

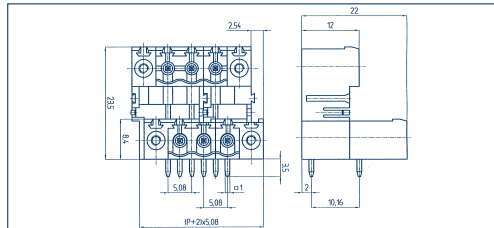
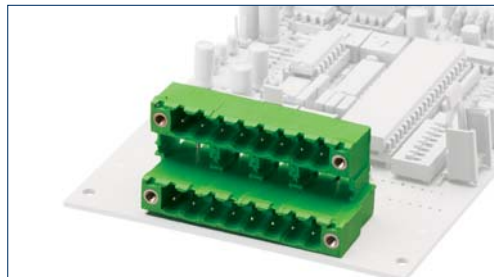


## Drawings

### STL 970/... /5,08-V-F vertical



### STL 970/... /5,08-H-F horizontal



## Connection principle

### Dimensions

Spacing mm	5,08
Insulation stripping length mm	—
PCB hole diameter mm	1,40

### Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

### Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	4,00 kV
Rated torque/Screw size	—
Contamination degree	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	(Ral 6018)

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	13451.1	50
3	13452.1	50
4	13453.1	50
5	13454.1	50
6	13455.1	50
7	13456.1	50
8	13457.1	50
9	13458.1	50
10	13459.1	50
11	13460.1	50
12	13461.1	50

## Dimensions

Spacing mm	5,08
Insulation stripping length mm	—
PCB hole diameter mm	1,40

## Connection data

Single wire (solid) mm <sup>2</sup>	—
Stranded wire (flexible) mm <sup>2</sup>	—
Stranded wire (with ferrules) mm <sup>2</sup>	—

## Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	—
Rated surge voltage	4,00 kV
Rated torque/Screw size	—
Contamination degree	3

## Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

## Order information

Standard colour(s)	● green
(further colours on request, see page 5)	(Ral 6018)

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	13462.1	50
3	13463.1	50
4	13464.1	50
5	13465.1	50
6	13466.1	50
7	13467.1	50
8	13468.1	50
9	13469.1	50
10	13470.1	50
11	13471.1	50
12	13472.1	50

1 pole = 2 electrical connections

1 pole = 2 electrical connections

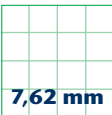
## Accessories

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Coding	Page 124 - 125
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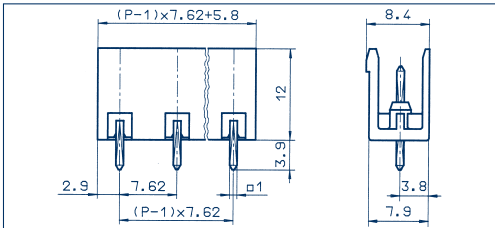
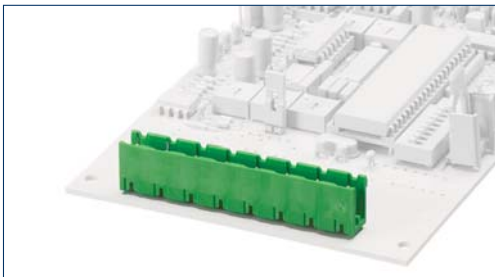

## P.C. board plug-in connectors

Header

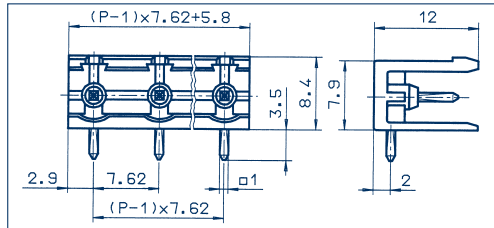
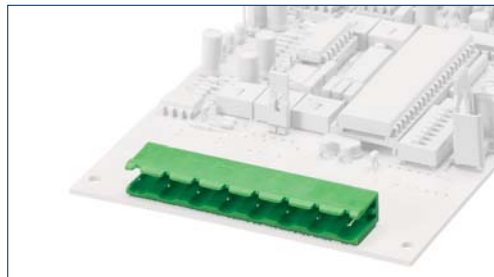


## Drawings

### STL 960/... /7,62-V vertical



### STL 960/... /7,62-H horizontal



## Connection principle

### Dimensions

Spacing mm	7,62
Insulation stripping length mm	-
PCB hole diameter mm	1,40

### Connection data

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

### Rating

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	6,00 kV
Rated torque/Screw size	-
Contamination degree	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

### Order information

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11699.1	50
3	11700.1	50
4	11701.1	50
5	11702.1	50
6	11703.1	50
7	11704.1	50
8	11705.1	50
9	11706.1	50
10	11707.1	50
11	11708.1	50
12	11709.1	50
13	11710.1	50
14	11711.1	50
15	11712.1	50
16	11713.1	50

## Connection principle

Spacing mm	7,62
Insulation stripping length mm	-
PCB hole diameter mm	1,40

Single wire (solid) mm <sup>2</sup>	-
Stranded wire (flexible) mm <sup>2</sup>	-
Stranded wire (with ferrules) mm <sup>2</sup>	-

Rated voltage V	300 V
Rated current A	15 A
Cross section max. AWG/mm <sup>2</sup>	-
Rated surge voltage	6,00 kV
Rated torque/Screw size	-
Contamination degree	3

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	-
Clamping cage/Eccentric	-
Contact pin	Cu
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	-

Standard colour(s)	● green
(further colours on request, see page 5)	

No. of poles	Cat.-No.	Qty.p.pck.
	● green	
	(Ral 6018)	
2	11714.1	50
3	11715.1	50
4	11716.1	50
5	11717.1	50
6	11718.1	50
7	11719.1	50
8	11720.1	50
9	11721.1	50
10	11722.1	50
11	11723.1	50
12	11724.1	50
13	11725.1	50
14	11726.1	50
15	11727.1	50
16	11728.1	50

## Accessories

Coding	Page 124 - 125
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## Accessories

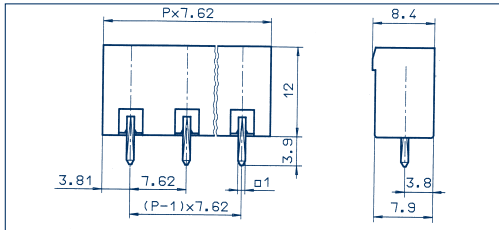
Coding	Page 124 - 125
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## P.C. board plug-in connectors

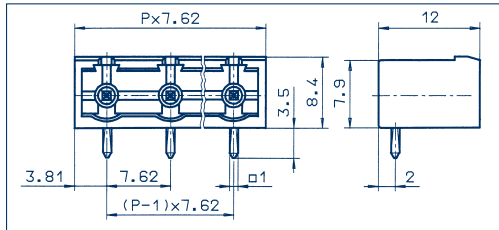
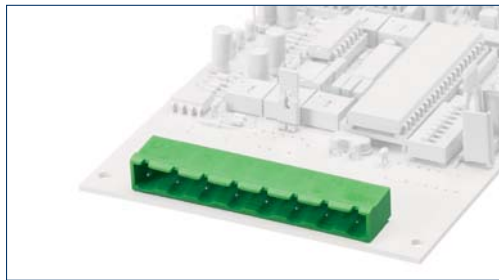
Header

7,62 mm

## STL 960/... /7,62-V-G vertical



## STL 960/... /7,62-H-G horizontal



## Drawings

### Connection principle

#### Dimensions

Spacing mm

7,62

Insulation stripping length mm

–

PCB hole diameter mm

1,40

#### Cross sections

single wire (solid) mm<sup>2</sup>

–

stranded wire (flexible) mm<sup>2</sup>

–

stranded wire (with ferrules) mm<sup>2</sup>

–

#### Output information

Rated voltage V



300 V



400 V

Rated current A

15 A

12 A (T60)

Cross section max. AWG/mm<sup>2</sup>

–

Rating impulse voltage

–

6,00 kV

Rated torque/Screw size

–

–

Dirt level

–

3

#### Materials

Insulating material/Flammability class

PA 6.6 V0 / UL 94 V0

Temperature Range

-30°C / +105°C

Clamping part

–

Clamping cage/Eccentric

–

Contact pin

Cu

Cage tension spring

–

Wire protection

–

Soldering lug

–

Contact Spring

–

#### Order information

Standard colour(s)

●

(further colours on request, see page 5)

green

(Ral 6018)

No. of poles	Cat.-No.	Qty.p.pck.
2	11729.1	50
3	11730.1	50
4	11731.1	50
5	11732.1	50
6	11733.1	50
7	11734.1	50
8	11735.1	50
9	11736.1	50
10	11737.1	50
11	11738.1	50
12	11739.1	50
13	11740.1	50
14	11741.1	50
15	11742.1	50
16	11743.1	50

No. of poles

Cat.-No.

Qty.p.pck.

●

green

(Ral 6018)

No. of poles	Cat.-No.	Qty.p.pck.
2	11744.1	50
3	11745.1	50
4	11746.1	50
5	11747.1	50
6	11748.1	50
7	11749.1	50
8	11750.1	50
9	11751.1	50
10	11752.1	50
11	11753.1	50
12	11754.1	50
13	11755.1	50
14	11756.1	50
15	11757.1	50
16	11758.1	50

#### Accessories

Coding

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## Plug-in connection system PK-TS

### *CONTA-CON suitable for rail mounting*

The plug-in type connection system **PK-TS** was designed to meet the ever increasing requirements in regards to both modularity and flexibility in switch cabinet and machinery production.

This system serves to facilitate to connect separately wired control board sections for integration into the allround installation. In this case, the wire between two control board sections is embedded in the **PK-TS** basic element of one of the sections whereas in the second section the according wires are embedded in the **PKB/PBT** counter section.

The **PK-TS** basic elements are mounted to the rail with catch feet, which are designed for individual assembly to the TS15, TS32 or TS35 DIN-mounting rails by means of a rail mount TS15/35 or TS32/35.

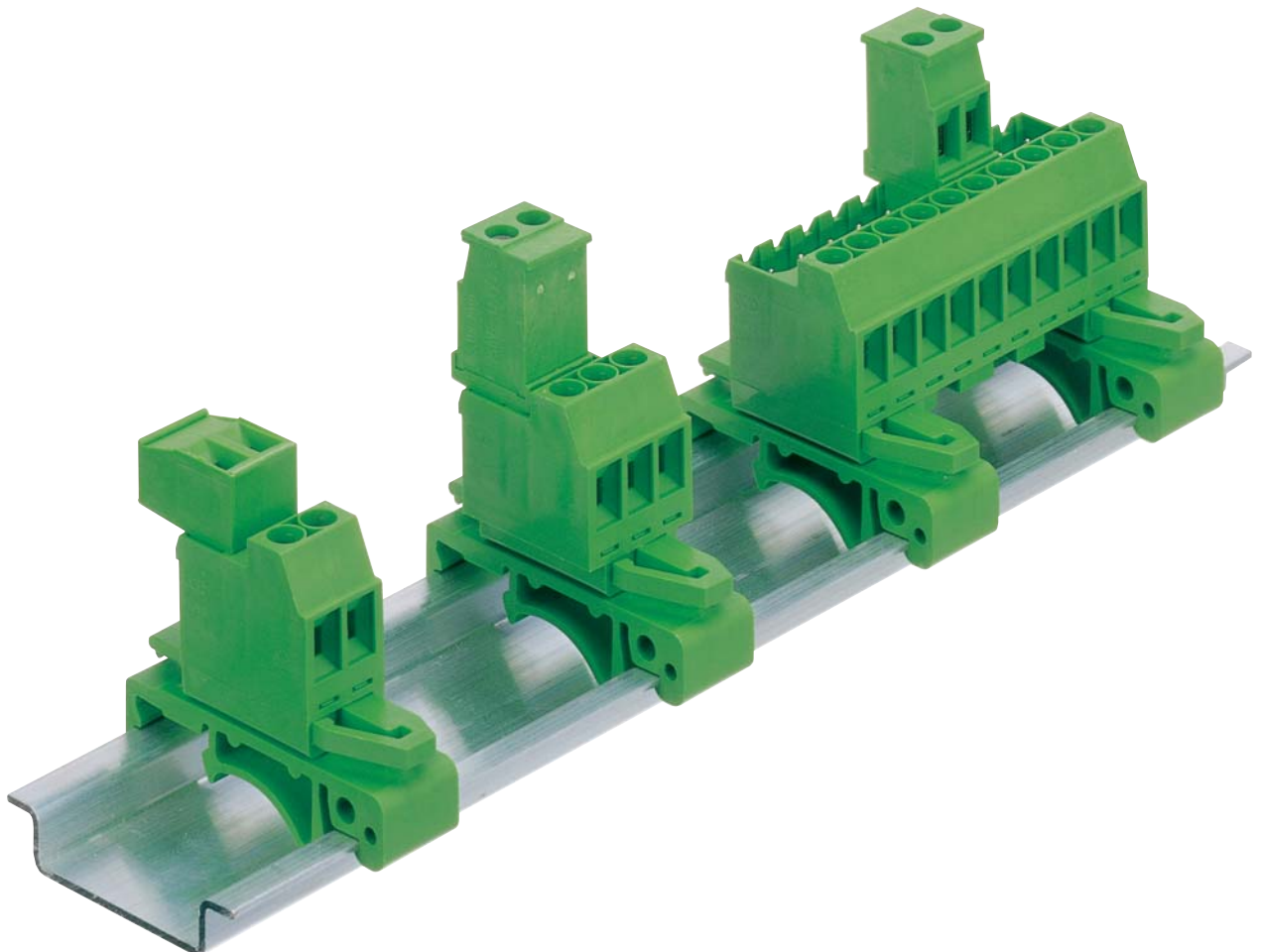
This permits both sections to be easily connected after installation of the switch cabinets. The type of connection technology (strain-relief-clamp or eccentric) is determined by the type of the plug-in connection element **PKB/PBT**.

The 2-24 pole **PK-TS** elements are also available with screwed flange. The **PK-TS** basic elements can be screwed to the corresponding plug-in connection element and are thus secured against unintentional loosening.

According to the type of the **PK-TS** and **PKB/ PBT** combinations, different connecting directions are possible (see RH).

When using several **PK-TS** and in order to prevent same from being incorrectly plugged in a control board section, **PKB/PBT** with their approved **CONTA-CON** coding system can be coded without loss of poles (cf. pages 122-123 for further details).

With respect to the wide range of marking possibilities please see pages 124 to 127 of this catalogue.



## Plug-in connection system PK-TS

### Connection Examples

#### PK-TS in combination within PKB 950

- . Entry fittings **PK-TS**:  
horizontally, from the right
- . Entry fittings **PKB 950**:  
vertically, from above



#### PK-TS in combination within PKB 1100

- . Entry fittings **PK-TS**:  
horizontally, from the right
- . Entry fittings **PKB 1100**:  
horizontally, from the left



#### PK-TS in combination within PKB 1110

- . Entry fittings **PK-TS**:  
horizontally, from the right
- . Entry fittings **PKB 1110**:  
horizontally, from the right

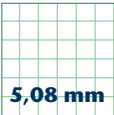


#### PK-TS in combination within PBT 1200

- . Entry fittings **PK-TS**:  
horizontally, from the right
- . Entry fittings **PBT 1200**:  
vertically, from above, screwed connection  
also vertically, from above.

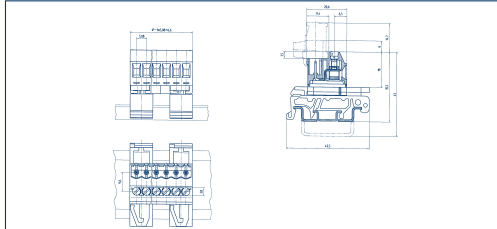


## Plug-in connection system PK-TS

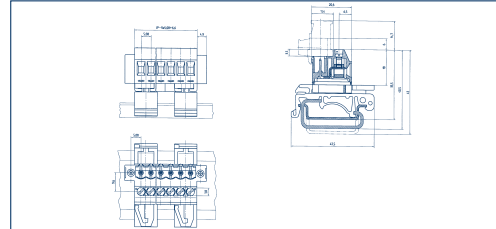


## Drawings

### PK-TS/... /5,08/15 TS15/TS35



### PK-TS/... /5,08 TS32/TS35



## Dimensions

Spacing mm
Insulation stripping length mm
PCB hole diameter mm
Dimensions (L x B x H)
TS15
TS32
TS35

5,08
6,00
-
(Pole x 5,08 + 6,6 mm) x 20,6 x 35,5 mm
-
(Pole x 5,08 + 6,6 mm) x 20,6 x 35,5 mm

5,08
6,00
-
-
(Pole x 5,08 + 6,6 mm) x 20,6 x 40,5 mm
(Pole x 5,08 + 6,6 mm) x 20,6 x 33,5 mm

## Connection data

Single wire (solid) mm <sup>2</sup>
Stranded wire (flexible) mm <sup>2</sup>
Stranded wire (with ferrules) mm <sup>2</sup>

2,50
2,50
2,50

2,50
2,50
2,50

## Rating

Rated voltage V
Rated current A
Cross section max. AWG/mm <sup>2</sup>
Rated surge voltage
Rated torque/Screw size
Contamination degree

300 V	250 V
15 A	12 A (T60)
28-12	2,50
-	4,00 kV
-	0,5 Nm/M3
-	3

300 V	250 V
15 A	12 A (T60)
28-12	2,50
-	4,00 kV
-	0,5 Nm/M3
-	3

## Materials

Insulating material/Flammability class
Temperature Range
Clamping part
Clamping cage/Eccentric
Contact pin
Cage tension spring
Wire protection

PA 6.6 V0 / UL 94 V0
-30°C / +105°C
CuZn
-
Cu
-
-

PA 6.6 V0 / UL 94 V0
-30°C / +105°C
CuZn
-
Cu
-
-

## Order information

Standard colour(s)
(further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	13175.1	50
3	13176.1	50
4	13177.1	50
5	13178.1	50
6	13179.1	50
7	13180.1	40
8	13181.1	35
9	13182.1	30
10	13183.1	20
11	13184.1	20
12	13185.1	20
13	13186.1	20
14	13187.1	20
15	13188.1	15
16	13189.1	15
17	13190.1	15
18	13191.1	15
19	13192.1	15
20	13193.1	10
21	13194.1	10
22	13195.1	10
23	13196.1	10
24	13197.1	10

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	12319.1	50
3	12320.1	50
4	12321.1	50
5	12322.1	50
6	12323.1	50
7	12324.1	40
8	12325.1	35
9	12326.1	30
10	12327.1	20
11	12328.1	20
12	12329.1	20
13	12330.1	20
14	12331.1	20
15	12332.1	15
16	12333.1	15
17	12334.1	15
18	12335.1	15
19	12336.1	15
20	12337.1	10
21	12338.1	10
22	12339.1	10
23	12340.1	10
24	12341.1	10

## Accessories

Marking
Coding

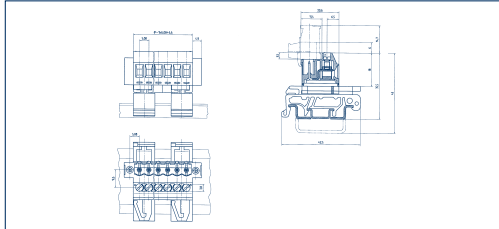
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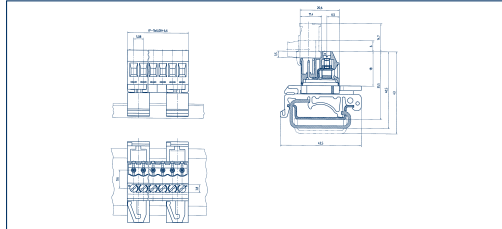
**Plug-in connection system  
PK-TS**

5,08 mm

**PK-TS/... /5,08-F/15 TS15/TS35**



**PK-TS/... /5,08-F TS32/TS35**



**Drawings**

**Dimensions**

Insulation mm	5,08	5,08
Insulation stripping length mm	6,00	6,00
PCB hole diameter mm	–	–
Dimensions (L x B x H)		
TS15	(Pole x 5,08 + 6,6 mm) x 20,6 x 35,5 mm	–
TS32	–	(Pole x 5,08 + 6,6 mm) x 20,6 x 40,5 mm
TS35	(Pole x 5,08 + 6,6 mm) x 20,6 x 35,5 mm	(Pole x 5,08 + 6,6 mm) x 20,6 x 35,5 mm

**Connection data**

Single wire (solid) mm <sup>2</sup>	2,50	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50	2,50

**Rating**

Rated voltage V	300 V	250 V	300 V	250 V
Rated current A	15 A	12 A (T60)	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	28-12	2,50	28-12	2,50
Rated surge voltage	–	4,00 kV	–	4,00 kV
Rated torque/Screw size	–	0,5 Nm/M3	–	0,5 Nm/M3
Contamination degree	–	3	–	3

**Materials**

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0		PA 6.6 V0 / UL 94 V0	
Temperature Range	-30°C / +105°C		-30°C / +105°C	
Clamping part	CuZn		CuZn	
Clamping cage/Eccentric	–		–	
Contact pin	Cu		Cu	
Cage tension spring	–		–	
Wire protection	–		–	

**Order information**

	No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.	Qty.p.pck.
Standard colour(s)		● green			● green	
(further colours on request, see page 5)		(Ral 6018)			(Ral 6018)	
	2	13825.1	50	2	13848.1	50
	3	13826.1	50	3	13849.1	50
	4	13827.1	50	4	13850.1	50
	5	13828.1	50	5	13851.1	50
	6	13829.1	50	6	13852.1	50
	7	13830.1	40	7	13853.1	40
	8	13831.1	35	8	13854.1	35
	9	13832.1	30	9	13855.1	30
	10	13833.1	20	10	13856.1	20
	11	13834.1	20	11	13857.1	20
	12	13835.1	20	12	13858.1	20
	13	13836.1	20	13	13859.1	20
	14	13837.1	20	14	13860.1	20
	15	13838.1	15	15	13861.1	15
	16	13839.1	15	16	13862.1	15
	17	13840.1	15	17	13863.1	15
	18	13841.1	15	18	13864.1	15
	19	13842.1	15	19	13865.1	15
	20	13843.1	10	20	13866.1	10
	21	13844.1	10	21	13867.1	10
	22	13845.1	10	22	13868.1	10
	23	13846.1	10	23	13869.1	10
	24	13847.1	10	24	13870.1	10

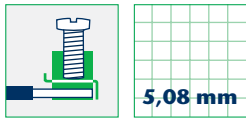
**Accessories**

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Coding	Page 124 - 125	Page 124 - 125

## Plug-in connection system

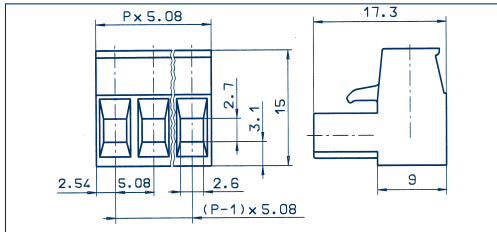
### PK-TS Connector

Connector for:  
**PK-TS/... /5,08/15**  
**PK-TS/... /5,08**

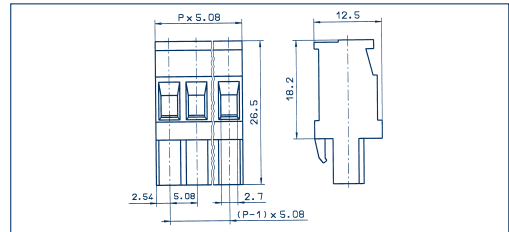


## Drawings

### PKB 950/... /5,08



### PKB 1100/... /5,08



## Connection principle

### Dimensions

Spacing mm  
 Insulation stripping length mm  
 PCB hole diameter mm

### Connection data

Single wire (solid) mm<sup>2</sup>  
 Stranded wire (flexible) mm<sup>2</sup>  
 Stranded wire (with ferrules) mm<sup>2</sup>

### Rating

Rated voltage V  
 Rated current A  
 Cross section max. AWG/mm<sup>2</sup>  
 Rated surge voltage  
 Rated torque/Screw size  
 Contamination degree

## Strain-relief-clip

5,08  
 6,00



300 V

15 A

22-12

—

—

—

—



250 V

12 A (T60)

2,50

4,00 kV

0,50 Nm/M3

3

## Strain-relief-clip

5,08  
 7,00



300 V

15 A

22-10

—

—

—



250 V

12 A (T60)

2,50

4,00 kV

0,50 Nm/M3

3

### Materials

Insulating material/Flammability class  
 Temperature Range  
 Clamping part  
 Clamping cage/Eccentric  
 Contact pin  
 Cage tension spring  
 Wire protection  
 Soldering lug  
 Contact Spring

PA 6.6 V0 / UL 94 V0  
 -30°C / +105°C  
 CuZn  
 —  
 —  
 —  
 —  
 —  
 CuSn

PA 6.6 V0 / UL 94 V0  
 -30°C / +105°C  
 CuZn  
 —  
 —  
 —  
 —  
 —  
 CuSn

### Order information

Standard colour(s)  
 (further colours on request, see page 5)

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11230.1	50
3	11231.1	50
4	11232.1	50
5	11233.1	50
6	11234.1	50
7	11235.1	50
8	11236.1	50
9	11237.1	50
10	11238.1	50
11	11239.1	50
12	11240.1	50
13	11241.1	50
14	11242.1	50
15	11243.1	50
16	11244.1	50
17	11245.1	50
18	11246.1	50
19	11247.1	50
20	11248.1	50
21	11249.1	50
22	11250.1	50
23	11251.1	50
24	11252.1	50

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11305.1	50
3	11306.1	50
4	11307.1	50
5	11308.1	50
6	11309.1	50
7	11310.1	50
8	11311.1	50
9	11312.1	50
10	11313.1	50
11	11314.1	50
12	11315.1	50
13	11316.1	50
14	11317.1	50
15	11318.1	50
16	11319.1	50

## Accessories

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## Plug-in connection system

### PK-TS Connector

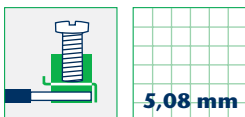
Connector for:

**PK-TS/.../5,08/15** or

**PK-TS/.../5,08-F/15**

**PK-TS/.../5,08** or

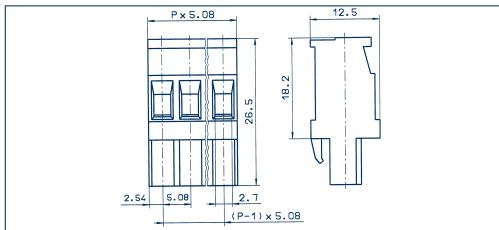
**PK-TS/.../5,08-F**



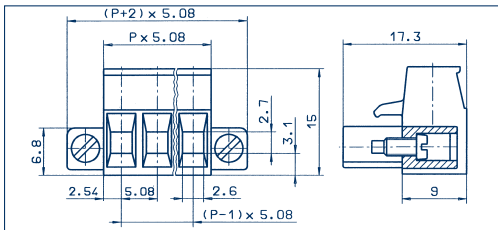
5,08 mm

## Drawings

### PKB 1110/.../5,08



### PKB 950/.../5,08-F



## Connection principle

### Dimensions

Spacing mm	5,08
Insulation stripping length mm	7,00
PCB hole diameter mm	-

### Connection data

Single wire (solid) mm <sup>2</sup>	2,50
Stranded wire (flexible) mm <sup>2</sup>	2,50
Stranded wire (with ferrules) mm <sup>2</sup>	2,50

### Rating

	300 V	250 V
Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	22-10	2,50
Rated surge voltage	-	4,00 kV
Rated torque/Screw size	-	0,50 Nm/M3
Contamination degree	-	3

### Materials

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	CuZn
Clamping cage/Eccentric	-
Contact pin	-
Cage tension spring	-
Wire protection	-
Soldering lug	-
Contact Spring	CuSn

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Strain-relief-clamp

5,08

7,00

-

2,50

2,50

2,50



300 V

15 A

22-10

-

-

-



250 V

12 A (T60)

2,50

4,00 kV

0,50 Nm/M3

3

## Strain-relief-clamp

5,08

6,00

-

2,50

2,50

2,50



300 V

15 A

22-12

-

-

-



250 V

12 A (T60)

2,50

4,00 kV

0,50 Nm/M3

3

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

CuZn

-

-

-

-

-

CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11339.1	50
3	11340.1	50
4	11341.1	50
5	11342.1	50
6	11343.1	50
7	11344.1	50
8	11345.1	50
9	11346.1	50
10	11347.1	50
11	11348.1	50
12	11349.1	50
13	11350.1	50
14	11351.1	50
15	11352.1	50
16	11353.1	50

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11277.1	50
3	11278.1	50
4	11279.1	50
5	11280.1	50
6	11281.1	50
7	11282.1	50
8	11283.1	50
9	11284.1	50
10	11285.1	50
11	13212.1	50
12	13213.1	50
13	13214.1	50
14	13215.1	50
15	13216.1	50
16	13217.1	50
17	13218.1	50
18	13219.1	50
19	13220.1	50
20	13221.1	50
21	13222.1	50
22	13223.1	50
23	13707.1	50
24	13708.1	50

## Accessories

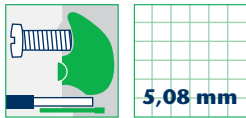
Marking	Page 126 - 129
Coding	Page 124 - 125

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Page 124 - 125

**Plug-in connection system**

**PK-TS Connector**

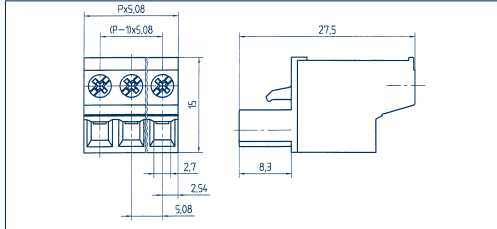
Connector for:  
**PK-TS/... /5,08/15**  
**PK-TS/... /5,08**



**PBT 1200/... /5,08**



**Drawings**



**Connection principle**

**Dimensions**

Spacing mm  
 Insulation stripping length mm  
 PCB hole diameter mm

**Connection data**

Single wire (solid) mm<sup>2</sup>  
 Stranded wire (flexible) mm<sup>2</sup>  
 Stranded wire (with ferrules) mm<sup>2</sup>

**Rating**

Rated voltage V  
 Rated current A  
 Cross section max. AWG/mm<sup>2</sup>  
 Rated surge voltage  
 Rated torque/Screw size  
 Contamination degree

**Materials**

Insulating material/Flammability class  
 Temperature Range  
 Clamping part  
 Clamping cage/Eccentric  
 Contact pin  
 Cage tension spring  
 Wire protection  
 Soldering lug  
 Contact Spring

**Order information**

Standard colour(s)  
 (further colours on request, see page 5)

**Eccentric-top**

5,08  
 10,00  
 -  
 2,50  
 2,50  
 2,50



300 V  
 15 A  
 22-12  
 -  
 -  
 -  
 -  
 250 V  
 12 A (T60)  
 2,50  
 4,00 kV  
 0,50 Nm/M2,5  
 3

PA 6.6 V0 / UL 94 V0  
 -30 °C / +105 °C

-  
 Fe/Fe  
 -  
 -  
 -  
 -  
 CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	● green (Ral 6018)	
2	11354.1	50
3	11355.1	50
4	11356.1	50
5	11357.1	50
6	11358.1	50
7	11359.1	50
8	11360.1	50
9	11361.1	50
10	11362.1	50
11	11363.1	50
12	11364.1	50
13	11365.1	50
14	11366.1	50
15	11367.1	50
16	11368.1	50
17	11369.1	50
18	11370.1	50
19	11371.1	50
20	11372.1	50
21	11373.1	50
22	11374.1	50
23	11375.1	50
24	11376.1	50

**Accessories**

Marking Page 126 - 129  
 Coding Page 124 - 125



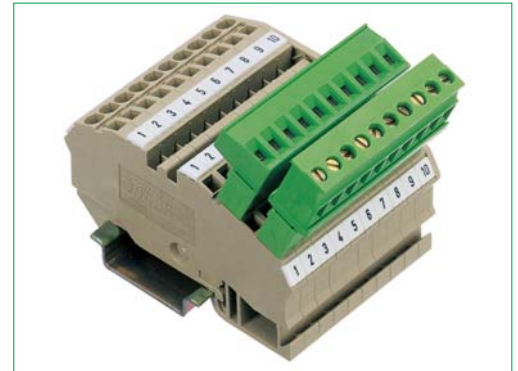
P.C. BOARD PLUG-IN CONNECTORS

**Plug-in adapter for tension spring terminal block ZRK in spacing 5,08 mm and for pressure spring terminal block FRK in spacing 5,08 mm**

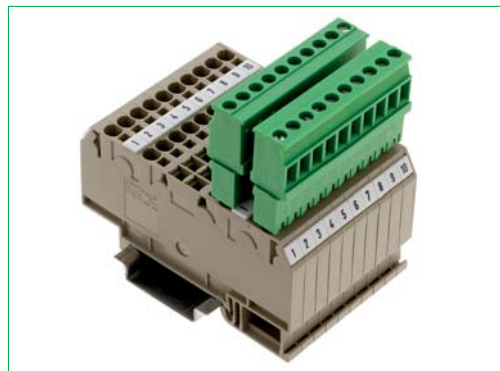
**CONTA-CON in combination with CONTA-CONNECT**



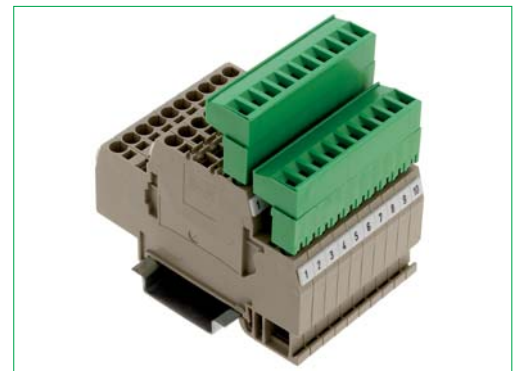
**ZRK 2,5/2A in combination within STL 950/10/5,08-G-L**



**ZRK 2,5/3A in combination within STL 950/10/5,08-G-L**



**FRK 2,5/4A in combination within STL 950/10/5,08-V-G-L (FRK)**



**FRKD 2,5 in combination within STL 950/10/5,08-V-G-L (FRK)**



**ZSRK 2,5/2A in combination within STL 950/10/5,08-G-L**



**ZSRK 2,5/3A with accentuating tool BW 10**

Standard tension spring terminals **ZSRK 2,5**; **ZRK 2,5** and **ZRKD 2,5** from the **CONTA-CONNECT** range can be plugged in at a later stage by using headers **STL 950/... /5,08-G-L**. It is the same with standard pressure spring terminals **FRK 2,5** and **FRKD 2,5** in combination within **STL 950/... /5,08-V-G-L (FRK)**.

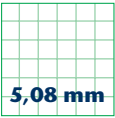
Headers are designed for fast, easy and safe connection of the different levels.

Accentuating tools **BW** (1-10 poles available) serve to open up to 10 springs at a time. This is how to facilitate and speed up installation.

**ZRK | FRK** spring technology along with **CONTA-CON** printed circuit board plug-in connectors enable you to tremendously reduce high-cost final assembly time and to assure speedy parts replacement during service and maintenance. All combinations allow for coding without loss of poles (cf. page 124, Coding).

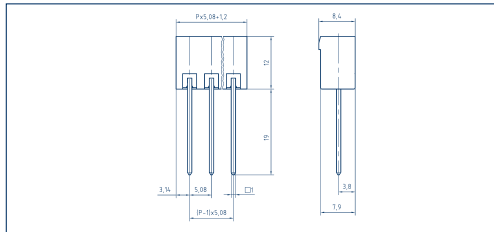
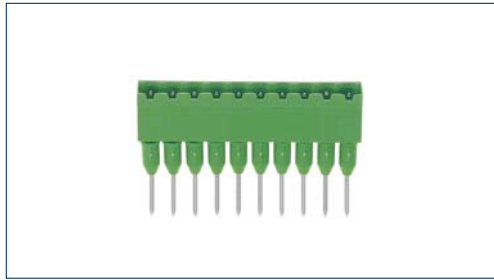
Note: Plug-in connectors may not be connected or disconnected with a voltage exceeding 42 V. When using tension spring terminals with headers **STL 950/... /5,08-G-L** on the distributing side, the rated voltage must not exceed 50 V because live headers are not touch-proof under unprotected conditions.

**Plug-in adapter for tension spring terminal block in spacing 5,08**

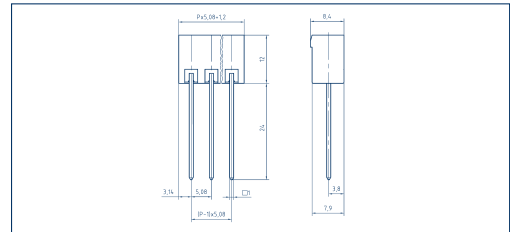


5,08 mm

**STL 950/... /5,08-G-L (ZRK)**



**STL 950/... /5,08-V-G-L (FRK)**



**Drawings**

**Dimensions**

Insulation mm	5,08
Insulation stripping length mm	—
PCB hole diameter mm	—
Dimensions (L x B x H)	—

**Cross sections**

single wire (solid) mm <sup>2</sup>	—
stranded wire (flexible) mm <sup>2</sup>	—
stranded wire (with ferrules) mm <sup>2</sup>	—

**Output information**

Rated voltage V	300 V	250 V
Rated current A	15 A	12 A (T60)
Cross section max. AWG/mm <sup>2</sup>	—	—
Rating impulse voltage	—	4,00 kV
Rated torque/Screw size	—	—
Dirt level	—	3

**Materials**

Insulating material/Flammability class	PA 6.6 V0 / UL 94 V0
Temperature Range	-30°C / +105°C
Clamping part	—
Clamping cage/Eccentric	—
Contact pin	Cu
Cage tension spring	—
Wire protection	—
Soldering lug	—
Contact Spring	—

**Order information**

No. of poles	Cat.-No.	Qty.p.pck.	No. of poles	Cat.-No.	Qty.p.pck.
	●			●	
	green			green	
	(Ral 6018)			(Ral 6018)	
1	—	50	1	—	50
2	13154.1	50	2	13871.1	50
3	13155.1	50	3	13872.1	50
4	13156.1	50	4	13873.1	50
5	13157.1	50	5	13874.1	50
6	13158.1	50	6	13875.1	50
7	13159.1	50	7	13876.1	50
8	13160.1	50	8	13877.1	50
9	13161.1	50	9	13878.1	50
10	13162.1	50	10	13879.1	50

**Accessories**

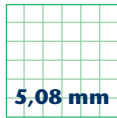
Accentuating tool <b>BW 1...10</b>	for ZRK	●	for FRK
		black	
		(Ral 9011)	
1	3778.0	1	1
2	3779.0	1	2
3	3780.0	1	3
4	3781.0	1	4
5	3782.0	1	5
6	3802.0	1	6
7	3803.0	1	7
8	3804.0	1	8
9	3805.0	1	9
10	3806.0	1	10

Coding	Page 124 - 125	Page 124 - 125
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P.C. BOARD PLUG-IN CONNECTORS

## Plug-in adapter for tension spring terminal block in spacing 5,08

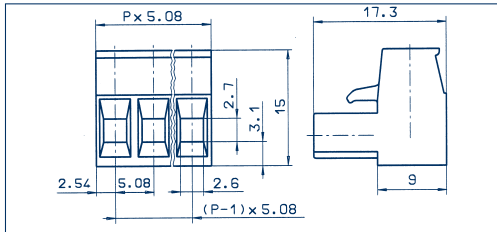
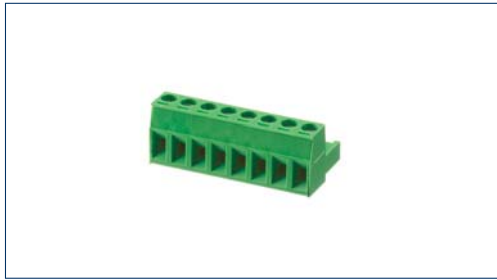
Connector for:  
**STL 950/... /5,08-G-L**



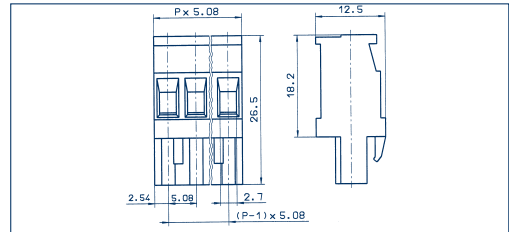
5,08 mm

## Drawings

### PKB 950/... /5,08



### PKB 1100/... /5,08



## Connection principle

### Dimensions

Spacing mm  
Insulation stripping length mm  
PCB hole diameter mm

### Connection data

Single wire (solid) mm<sup>2</sup>  
Stranded wire (flexible) mm<sup>2</sup>  
Stranded wire (with ferrules) mm<sup>2</sup>

### Rating

Rated voltage V  
Rated current A  
Cross section max. AWG/mm<sup>2</sup>  
Rated surge voltage  
Rated torque/Screw size  
Contamination degree

### Materials

Insulating material/Flammability class  
Temperature Range  
Clamping part  
Clamping cage/Eccentric  
Contact pin  
Cage tension spring  
Wire protection  
Soldering lug  
Contact Spring

### Order information

Standard colour(s)  
(further colours on request, see page 5)

## Strain-relief-clamp

5,08

6,00

-

2,50

2,50

2,50



300 V

15 A

22-12

-

-

-



250 V

12 A (T60)

2,50

4,00 kV

0,50 Nm/M3

3

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

CuZn

-

-

-

-

-

CuSn

### No. of poles

### Cat.-No.

### Qty.p.pck.



green

(Ral 6018)

2

3

4

5

6

7

8

9

10

11230.1

11231.1

11232.1

11233.1

11234.1

11235.1

11236.1

11237.1

11238.1

50

50

50

50

50

50

50

50

50

## Strain-relief-clamp

5,08

7,00

-

2,50

2,50

2,50



300 V

15 A

22-10

-

-

-



250 V

12 A (T60)

2,50

4,00 kV

0,50 Nm/M3

3

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

CuZn

-

-

-

-

-

CuSn

### No. of poles

### Cat.-No.

### Qty.p.pck.



green

(Ral 6018)

2

3

4

5

6

7

8

9

10

11305.1

11306.1

11307.1

11308.1

11309.1

11310.1

11311.1

11312.1

11313.1

50

50

50

50

50

50

50

50

50

## Accessories

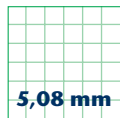
Marking  
Coding

Page 124 - 127  
Page 122 - 123

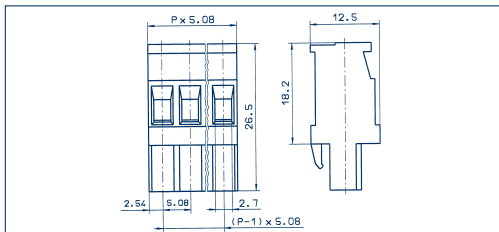
Page 124 - 127  
Page 122 - 123

### Plug-in adapter for tension spring terminal block in spacing 5,08

Connector for:  
**STL 950/... /5,08-G-L**



### PKB 1110/... /5,08



### Drawings

### Connection principle

#### Dimensions

Spacing mm  
Insulation stripping length mm  
PCB hole diameter mm

#### Connection data

Single wire (solid) mm<sup>2</sup>  
Stranded wire (flexible) mm<sup>2</sup>  
Stranded wire (with ferrules) mm<sup>2</sup>

#### Rating

Rated voltage V  
Rated current A  
Cross section max. AWG/mm<sup>2</sup>  
Rated surge voltage  
Rated torque/Screw size  
Contamination degree

#### Materials

Insulating material/Flammability class  
Temperature Range  
Clamping part  
Clamping cage/Eccentric  
Contact pin  
Cage tension spring  
Wire protection  
Soldering lug  
Contact Spring

#### Order information

Standard colour(s)  
(further colours on request, see page 5)

### Strain-relief-clamp

5,08

7,00

–

2,50

2,50

2,50



300 V

15 A

22-10

–

–

–



250 V

12 A (T60)

2,50

4,00 kV

0,50 Nm/M3

3

PA 6.6 V0 / UL 94 V0

-30°C / +105°C

CuZn

–

–

–

–

–

CuSn

No. of poles	Cat.-No.	Qty.p.pck.
	●	
	green	
	(Ral 6018)	
2	11339.1	50
3	11340.1	50
4	11341.1	50
5	11342.1	50
6	11343.1	50
7	11344.1	50
8	11345.1	50
9	11346.1	50
10	11347.1	50

### Accessories

Marking Page 124 - 127  
Coding Page 122 - 123

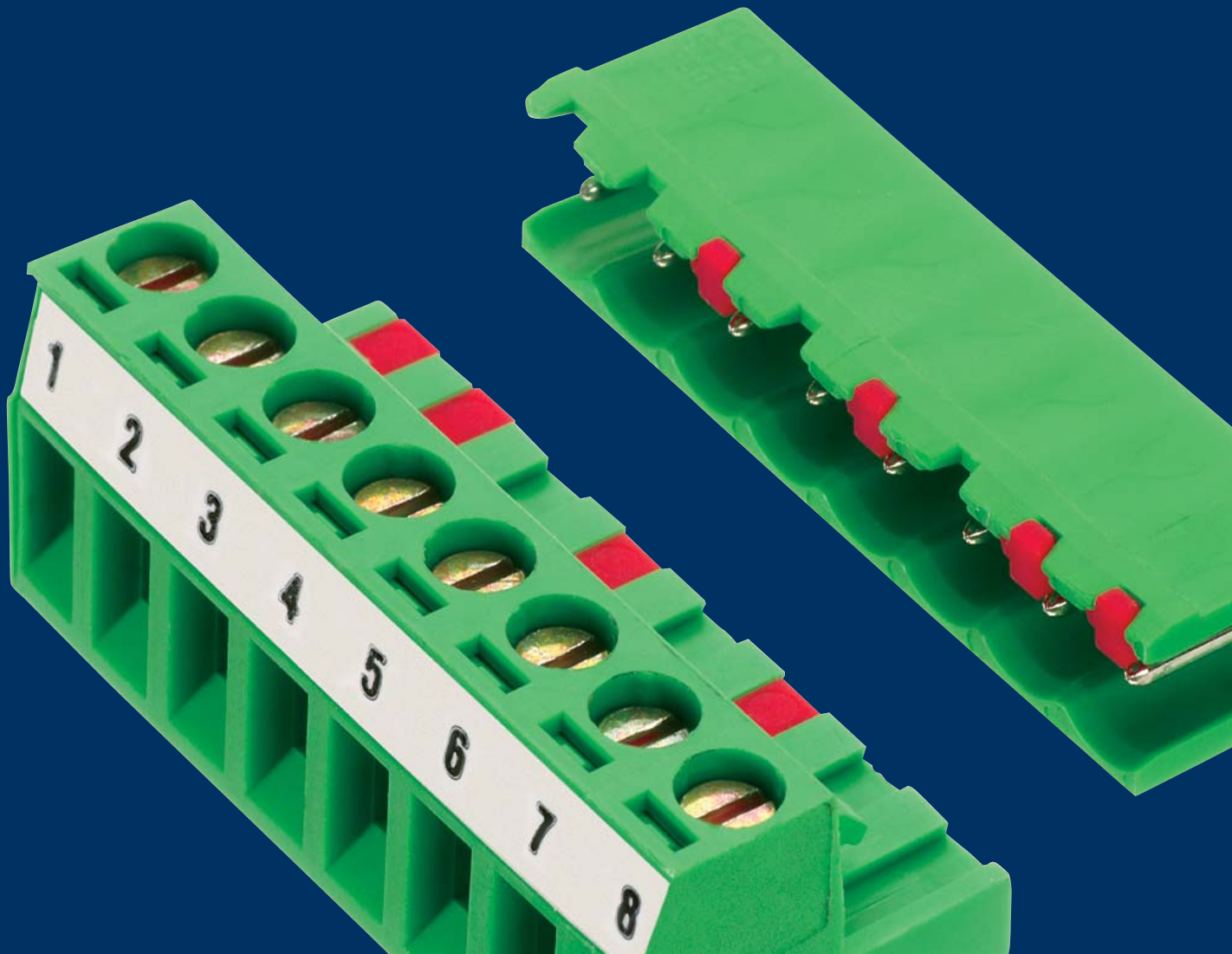
## Accessories

### CONTA-CON

Numerous accessories are designed to complete our vast range of printed circuit board connectors to optimize your connecting system according to your individual requirements.

For more information:

- . Coding **K**
- . Single Shrouding Cover **AD/PK** for **PK 750** and **PKB 950**
- . Filler plug **BLS-STL**
- . Lettering and Marking **BK/SB**
- . Rail Mounting System **RS-SP** [shaped profile]



## Overview accessories

### CONTA-CON

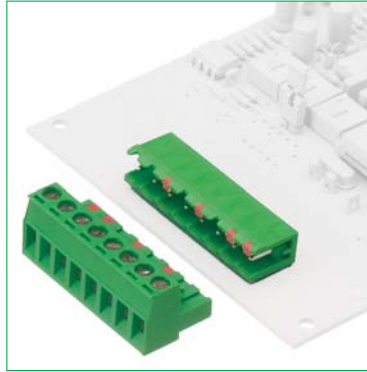
The **CONTA-CON** coding system is intended to enable the user to encode a large number of our connectors and headers. For more details cf. "Coding".

All **CONTA-CON** products are shipped without any pole designation and/or lettering. Please cf. "Coding" for the numerous individual coding possibilities.

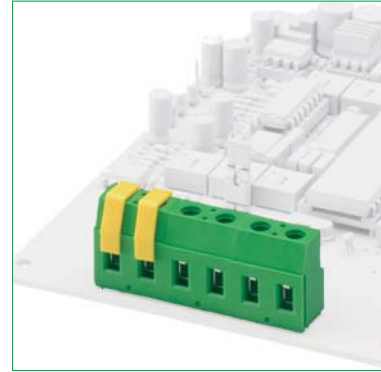
Our rail mounting system **RS-SP** is designed to be adapted to the individual printed circuit board dimensions which, as outlined under "rail mounting system", enables you to produce quite a number of rail-mountable electronic connections.

According to various VDE requirements, mains terminals have to be equipped with a shrouding cover in addition to an IP 20 protection. Single shrouding cover **AD/PK** is available for printed circuit board connector **PK 750** and printed circuit board plug-in connector [connector] **PKB 950**.

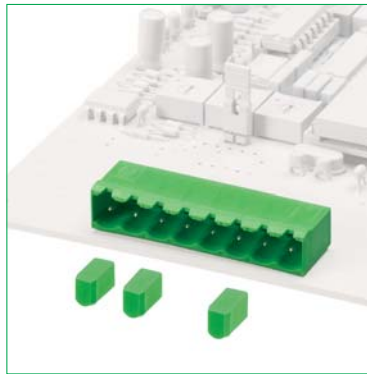
Filler plug **BLS-STL** is used to subdivide relatively long headers into several sections.



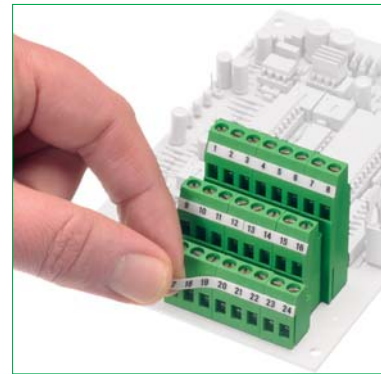
Coding System K	
Matrix of all coding possibilities	
<b>K1</b> for coding of connectors	124
<b>K2</b> for coding of headers	124
<b>K3</b> for coding of headers	124
Types <b>STL 1550, 1570, 1590</b>	



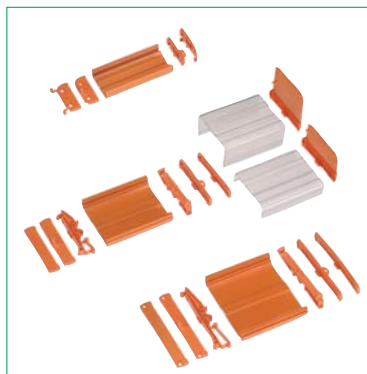
AD/PK	
Individual shrouding cover for	
<b>PK 750</b> and <b>PKB 950</b>	125



Filler plug	
Filler plug for subdivision of headers	
	125



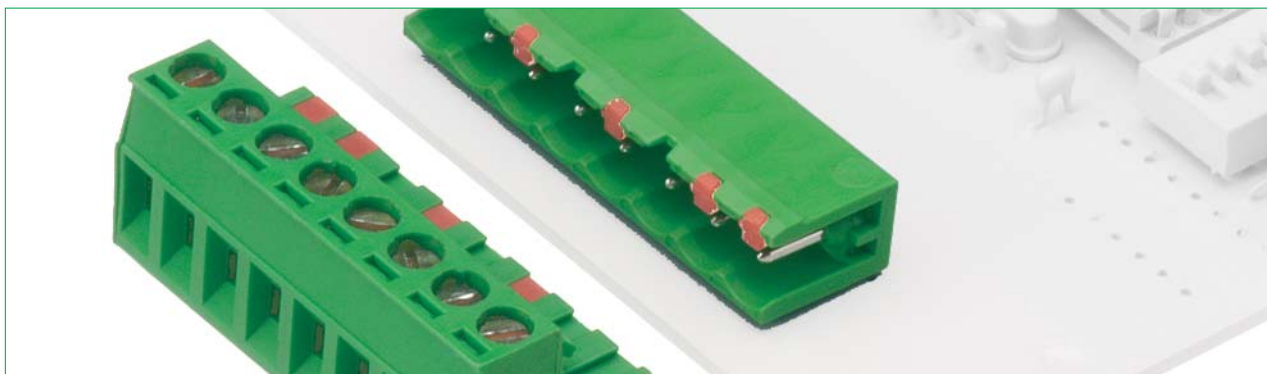
Marking	
Lettering Card <b>BK</b>	
	126



CONTA-CLIP Rail Mounting System	
<b>RS-SPO</b>	131
<b>RS-SP1</b>	131
<b>RS-SP2</b>	131

## Coding System K

for coding of our printed circuit board plug-in connector family.



The **CONTA-CON** coding system K is intended to enable the user to encode our P.C. board plug-in connectors **PKB 950/960/1100/1110/1550/1551/ 1552, PBT 1200** and **PZB 3950** without loss of poles and incorrect plugging.

The coding elements [profiles] are fastened to the star-shaped mounting plates. Mechanical coding is effected by positioning the individual coding profiles in the patchboard.

These coding profiles are pushed into the respective guide grooves in the enclosure of the connector and header and pinched off to separate them from the mounting plate.

Types 1550, 1551, 1552, 1570 and 1590 however are an exception because, in their case, coding is effected by placing the coding profiles into the groove of the plug header.

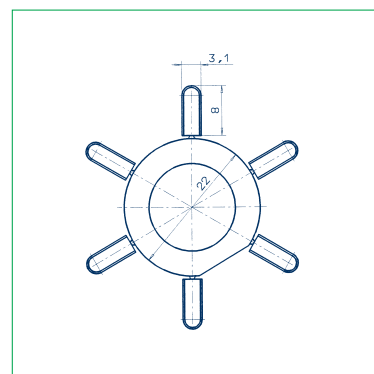
Connectors have "lugs" at their enclosures which permit easy removal and individual coding.

**Coding system K** is designed for coding of P.C. board plug-in connectors without loss of pole.

The coding matrix on the next page is intended to illustrate the respective combinations possibilities.



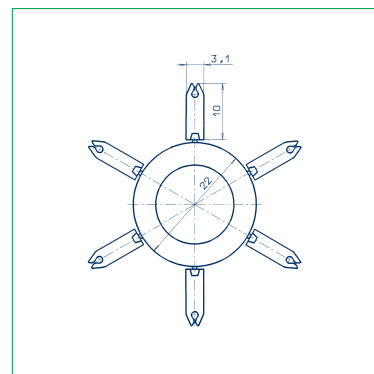
**Coding K1**  
for coding of connectors



**Cat.-No. 12002.9**  
Qty. p. pck. 100 stars (600 tabs)



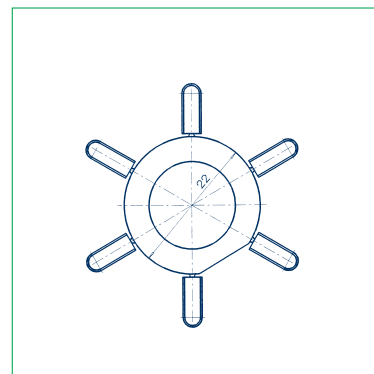
**Coding K2**  
for coding of headers



**Cat.-No. 12003.9**  
Qty. p. pck. 100 stars (600 tabs)



**Coding K3**  
for coding of headers type  
**STL 1550, 1570, 1590**



**Cat.-No. 12004.9**  
Qty. p. pck. 100 stars (600 tabs)

## Coding System K

Coding possibilities of connectors and headers of the **CONTA-CON** P.C. board plug-in connector system family.

		HEADERS								
CONNECTORS		STL 950	STL 960	STL 970	STL 975	STL 990	STL 1550	STL 1570	STL 1590	
	PKB 950	K2 K1		K2 K1	K2 K1	K2 K1	K2 K1			
	PKB 960		K2 K1							
	PKB 1100	K2 K1		K2 K1	K2 K1	K2 K1				
	PKB 1110	K2 K1		K2 K1	K2 K1	K2 K1				
	PBT 1200	K2 K1		K2 K1		K2 K1				
	PZB 3950	K2 K1			K2 K1					
	PKB 1550						K3	K3	K3	
	PKB 1551						K3	K3	K3	
	PKB 1552						K3	K3	K3	

### AD/PK

#### Individual shrouding cover

According to various VDE requirements, mains terminals have to be equipped with a shrouding cover in addition to an IP 20 protection. Single shrouding cover **AD/PK** is available for printed circuit board connector **PK 750** and printed circuit board plug-in connector [connector] **PKB 950**.



Type **AD/PK yellow**  
Cat.-No. **13283.8**  
Qty. p. pck. 100 pcs.



Ex. **AD/PK** on **PK750**

### BLS-STL

#### Filler plugs to subdivide headers

Filler plug **BLS-STL** is used to subdivide relatively long headers into several sections.

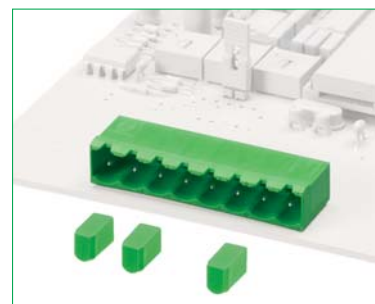
Furthermore this serves to clearly sectionalize relatively long headers.

#### Protection against incorrect connection

Protection of individual headers against dust and touching.



Type **BLS-STL**  
Cat.-No. **13284.1**  
Qty. p. pck. 100 pcs.



Ex. **BL-STL**

## Marking

*Strip height 2,8 mm, 3,3 mm or 3,8 mm*

All printed circuit board terminals and printed circuit board plug-in connectors are shipped without any pole designation and/or lettering.

Customized lettering of all **CONTA-CON** connectors available at extra charge.

Imprinted or neutral adhesive **marking cards BK** are also available.

Such adhesive strips can be attached to any of the printed board or plug-in connectors which do not have a guide groove (except see below). Existing strip heights: 2.8 mm, 3.3 mm or 3.8 mm. Depending on their version, 12 or 14 marking strips with 10 or 12 marking tags each are contained on one **marking card BK**.

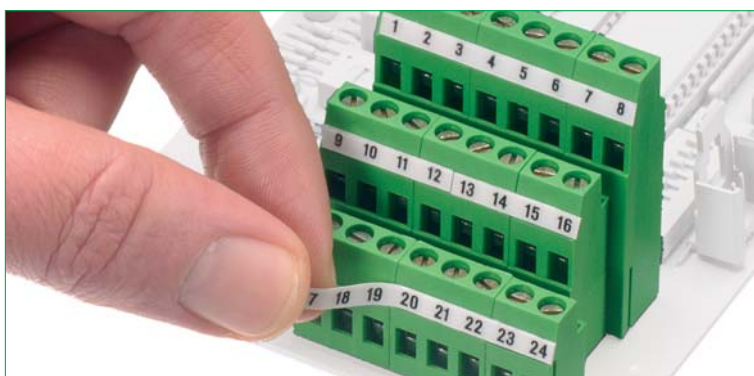
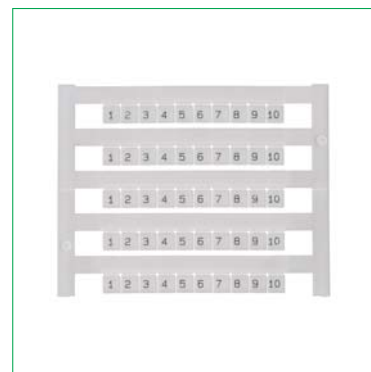
These cards are available for the following spacings of the **CONTA-CON** printed circuit board connectors: 2,50; 2,54; 3,50; 3,81; 5,00; 5,08; 7,50; 7,62. Marking cards with a horizontal standard continuous marking from 0 thru 40 are available for these spacings.

Non printed 10 pole cards with spacing marks are available for individual markings which can be done by hand using marker **BS-1**. Individual machine manufactured marking cards are available upon request.

**Exception:**

As regards the printed board connectors **PK 2,5; PKDL 2,5** and **PKDR 2,5** the insulating enclosure is equipped with a groove to snap a marking label. Please see our catalogue **CONTA-CONNECT** for a detailed product description of this quick marking system **SB**. A more detailed product description for the marking system can be found in our **CONTA-LABEL** catalogs (marking systems) and in **CONTA-CONNECT**.

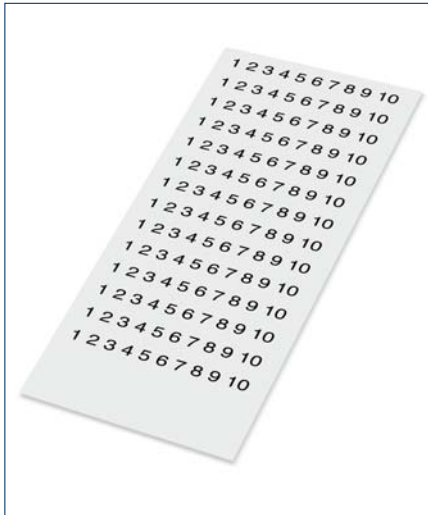
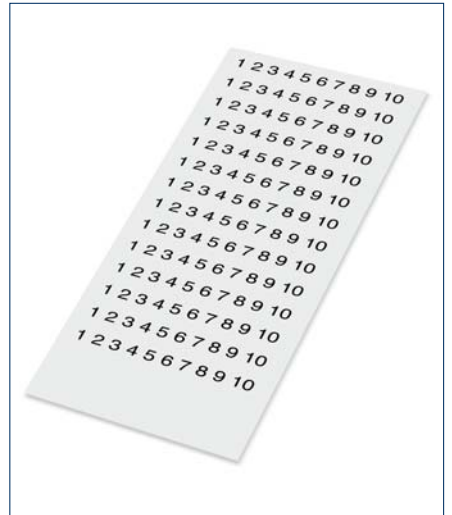
Terminal marking system  
The **PMC** Pocket-Maxicard



Ex. Marking cards **BK**



The **PMC SB** Pocket-Maxicard - application

**Marking Card BK**
**BK 2,50/2,8**

**BK 2,54/2,8**

**Component parts**

Marking Card, non printed, free spacing, including 14 prepunched marking strips.

Card, printed; continuous, horizontal, ten-digit marking strip, 14 marking strips for 140 connectors marked with:

0-9

1-10

11-20

21-30

31-40

Marking pen

**Properties**

Tabs per marking card

Spacing/Tab height

Material/Color

Temperature range (°C)

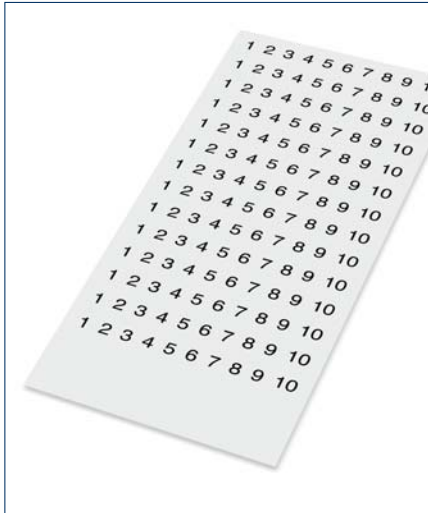
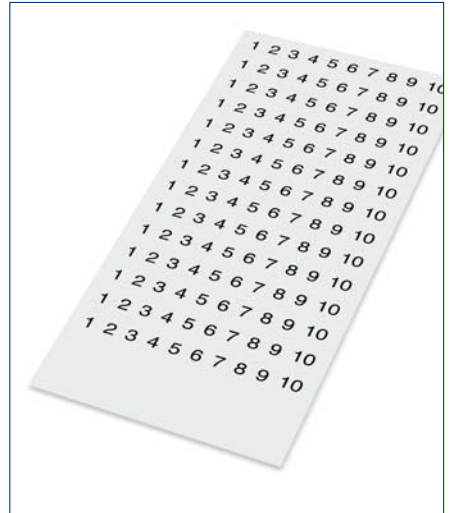
Wipe-proof after printing

Type	Cat.-No.	Qty.p.pck.
<b>BK 2,50/2,8</b>	3171.0	10
non printed		
<b>special print</b>	3180.0	10
<b>BK 2,50/2,8 FW</b> 0-9	2979.0	10
<b>BK 2,50/2,8 FW</b> 1-10	2980.0	10
<b>BK 2,50/2,8 FW</b> 11-20	2981.0	10
<b>BK 2,50/2,8 FW</b> 21-30	2982.0	10
<b>BK 2,50/2,8 FW</b> 31-40	2983.0	10
<b>BS-1</b>	2034.0	10

Type	Cat.-No.	Qty.p.pck.
<b>BK 2,54/2,8</b>	3172.0	10
non printed		
<b>special print</b>	3181.0	10
<b>BK 2,54/2,8 FW</b> 0-9	2984.0	10
<b>BK 2,54/2,8 FW</b> 1-10	2985.0	10
<b>BK 2,54/2,8 FW</b> 11-20	2986.0	10
<b>BK 2,54/2,8 FW</b> 21-30	2987.0	10
<b>BK 2,54/2,8 FW</b> 31-40	2988.0	10
<b>BS-1</b>	2034.0	10

140 pcs.  
2,50 mm/2,8 mm  
Polyester/white  
40°C bis +120°C  
DIN 30 646; VDE 0611: 1977-11

140 pcs.  
2,54 mm/2,8 mm  
Polyester/white  
-40°C bis +120°C  
DIN 30 646; VDE 0611: 1977-11

**Marking Card BK**
**BK 3,50/2,8**

**BK 3,81/2,8**

**Component parts**

Marking card, non printed, free spacing, including 14 prepunched marking strips.

Card, printed; continuous, horizontal, ten-digit marking strip, 14 marking strips for 140/120 connectors marked with:

0-9

1-10

11-20

21-30

31-40

Marking pen

**Properties**

Tabs per marking card

Spacing/Tab height

Material/Color

Temperature range (°C)

Wipe-proof after printing

Type	Cat.-No.	Qty.p.pck.
<b>BK 3,50/2,8</b>	3173.0	10
non printed		
<b>special print</b>	3182.0	10
<b>BK 3,50/2,8 FW</b> 0-9	3015.0	10
<b>BK 3,50/2,8 FW</b> 1-10	3016.0	10
<b>BK 3,50/2,8 FW</b> 11-20	3017.0	10
<b>BK 3,50/2,8 FW</b> 21-30	3018.0	10
<b>BK 3,50/2,8 FW</b> 31-40	3019.0	10
<b>BS-1</b>	2034.0	10

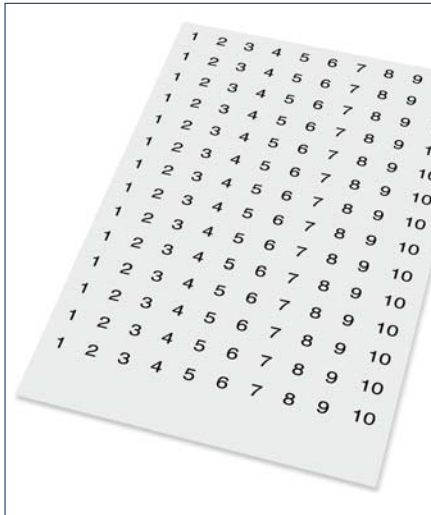
Type	Cat.-No.	Qty.p.pck.
<b>BK 3,81/2,8</b>	3174.0	10
non printed		
<b>special print</b>	3183.0	10
<b>BK 3,81/2,8 FW</b> 0-9	3032.0	10
<b>BK 3,81/2,8 FW</b> 1-10	3033.0	10
<b>BK 3,81/2,8 FW</b> 11-20	3034.0	10
<b>BK 3,81/2,8 FW</b> 21-30	3035.0	10
<b>BK 3,81/2,8 FW</b> 31-40	3036.0	10
<b>BS-1</b>	2034.0	10

140 pcs.  
3,50 mm/2,8 mm  
Polyester/white  
-40°C bis +120°C  
DIN 30 646; VDE 0611: 1977-11

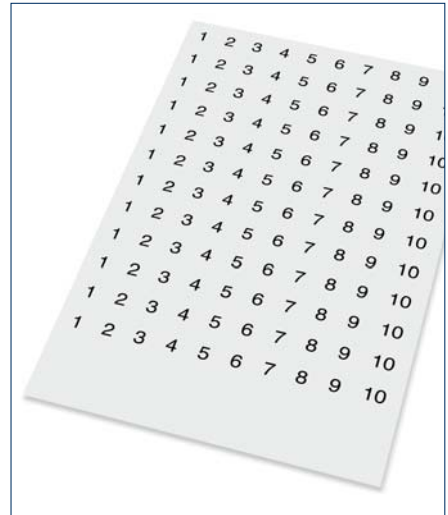
140 pcs.  
3,81 mm/2,8 mm  
Polyester/white  
-40°C bis +120°C  
DIN 30 646; VDE 0611: 1977-11

Marking Card BK

BK 5,08/2,8



BK 5,00/3,8



Component parts

Marking Card, non printed, free spacing, including 12/14 prepunched marking strips.

Card, printed; continuous, horizontal, ten-digit marking strip, 14/12 marking strips for 140/120 connectors marked with:

0-9

1-10

11-20

21-30

31-40

Marking pen

Properties

Tabs per marking card

Spacing/Tab height

Material/Color

Temperature range (°C)

Wipe-proof after printing

Type	Cat.-No.	Qty.p.pck.
<b>BK 5,08/2,8</b>	3175.0	10
non printed		
<b>special print</b>	3184.0	10
<b>BK 5,08/2,8 FW</b> 0-9	3136.0	10
<b>BK 5,08/2,8 FW</b> 1-10	3137.0	10
<b>BK 5,08/2,8 FW</b> 11-20	3138.0	10
<b>BK 5,08/2,8 FW</b> 21-30	3139.0	10
<b>BK 5,08/2,8 FW</b> 31-40	3140.0	10
<b>BS-1</b>	2034.0	10

140 pcs.

5,08 mm/2,8 mm

Polyester/white

-40°C bis +120°C

DIN 30 646; VDE 0611: 1977-11

Type	Cat.-No.	Qty.p.pck.
<b>BK 5,00/3,8</b>	3176.0	10
non printed		
<b>special print</b>	3185.0	10
<b>BK 5,00/3,8 FW</b> 0-9	3141.0	10
<b>BK 5,00/3,8 FW</b> 1-10	3142.0	10
<b>BK 5,00/3,8 FW</b> 11-20	3143.0	10
<b>BK 5,00/3,8 FW</b> 21-30	3144.0	10
<b>BK 5,00/3,8 FW</b> 31-40	3145.0	10
<b>BS-1</b>	2034.0	10

120 pcs.

5,00 mm/3,8 mm

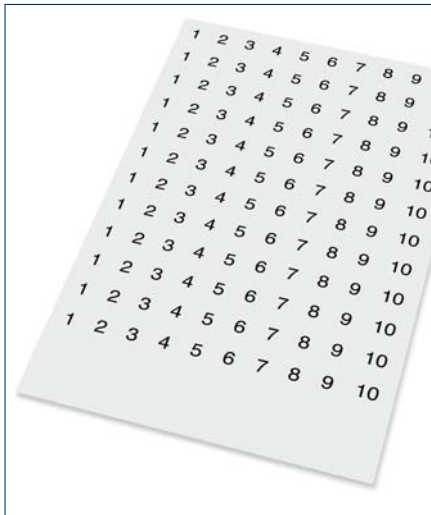
Polyester/white

-40°C bis +120°C

DIN 30 646; VDE 0611: 1977-11

Marking Cards BK

BK 5,08/3,8



Component parts

Marking card, non printed, free spacing, including 12 prepunched marking strips.

Card, printed; continuous, horizontal, ten-digit marking strip, 12 marking strips for 120 connectors marked with:

0-9

1-10

11-20

21-30

31-40

Marking pen

Properties

Tabs per marking card

Spacing/Tab height

Material/Color

Temperature range (°C)

Wipe-proof after printing

Type	Cat.-No.	Qty.p.pck.
<b>BK 5,08/3,8</b>	3177.0	10
non printed		
<b>special print</b>	3186.0	10
<b>BK 5,08/3,8 FW</b> 0-9	3146.0	10
<b>BK 5,08/3,8 FW</b> 1-10	3147.0	10
<b>BK 5,08/3,8 FW</b> 11-20	3148.0	10
<b>BK 5,08/3,8 FW</b> 21-30	3149.0	10
<b>BK 5,08/3,8 FW</b> 31-40	3150.0	10
<b>BS-1</b>	2034.0	10

120 pcs.

5,08 mm/3,8 mm

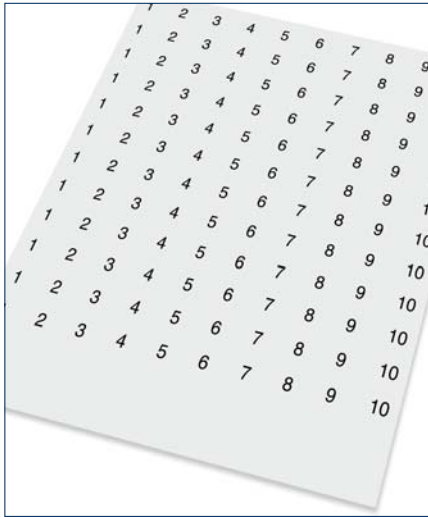
Polyester/white

-40°C bis +120°C

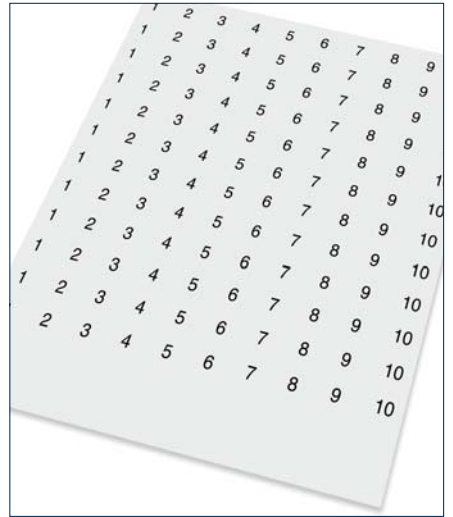
DIN 30 646; VDE 0611: 1977-11

### Marking Card BK

### BK 7,50/3,8



### BK 7,62/3,80



#### Component parts

Marking Card, non printed, free spacing, including 12 prepunched marking strips.

Card, printed; continuous, horizontal, ten-digit marking strip, 12 marking strips for 120 connectors marked with:

0-9

1-10

11-20

21-30

31-40

Marking pen

#### Properties

Tabs per marking card

Spacing/Tab height

Material/Color

Temperature range (°C)

Wipe-proof after printing

Type	Cat.-No.	Qty.p.pck.
<b>BK 7,50/3,8</b>	3178.0	10
non printed		
<b>special print</b>	3187.0	10
<b>BK 7,50/3,8 FW</b> 0-9	3151.0	10
<b>BK 7,50/3,8 FW</b> 1-10	3152.0	10
<b>BK 7,50/3,8 FW</b> 11-20	3153.0	10
<b>BK 7,50/3,8 FW</b> 21-30	3154.0	10
<b>BK 7,50/3,8 FW</b> 31-40	3155.0	10
<b>BS-1</b>	2034.0	10

120 pcs.

7,50 mm/3,8 mm

Polyester/white

-40°C bis +120°C

DIN 30 646; VDE 0611: 1977-11

Type	Cat.-No.	Qty.p.pck.
<b>BK 7,62/3,8</b>	3179.0	10
non printed		
<b>special print</b>	3188.0	10
<b>BK 7,62/3,8 FW</b> 0-9	3156.0	10
<b>BK 7,62/3,8 FW</b> 1-10	3157.0	10
<b>BK 7,62/3,8 FW</b> 11-20	3158.0	10
<b>BK 7,62/3,8 FW</b> 21-30	3159.0	10
<b>BK 7,62/3,8 FW</b> 31-40	3160.0	10
<b>BS-1</b>	2034.0	10

120 pcs.

7,62 mm/3,8 mm

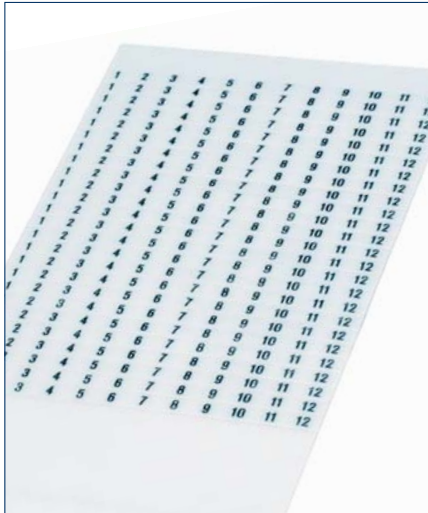
Polyester/white

-40°C bis +120°C

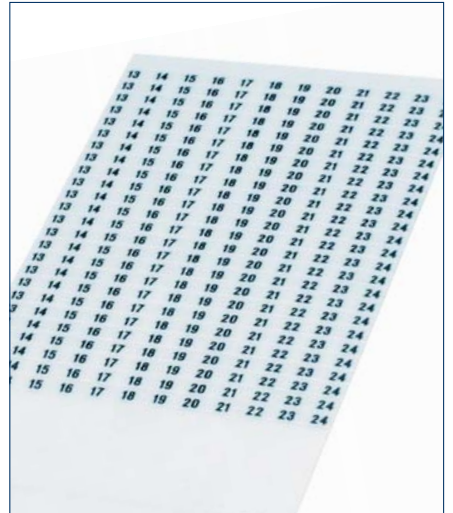
DIN 30 646; VDE 0611: 1977-11

### Marking Card BK

### BK 1-12/5,08/3,3



### BK 13-24/5,08/3,3



#### Component parts

Marking card, non printed, free spacing, including 12 prepunched marking strips. Card, printed; continuous, horizontal, ten-digit marking strip, 25 marking strips for 300 connectors.

#### Properties

Tabs per marking card

Spacing/Tab height

Material/Color

Temperature range (°C)

Wipe-proof after printing

Type	Cat.-No.	Qty. pck.
<b>BK 1-12/5,08</b>	2960.0	10

300 pcs.

5,08 mm/3,3 mm

Polyester/white

-40°C bis +120°C

DIN 30 646; VDE 0611: 1977-11

Type	Cat.-No.	Qty.p.pck.
<b>BK 13-24/5,08</b>	2961.0	10

300 pcs.

5,08 mm/3,3 mm

Polyester/white

-40°C bis +120°C

DIN 30 646; VDE 0611: 1977-11

## Rail mounting system RS-SP

*Shaped extrusion profiles can be used as basis plates for printed circuit boards.*

The **CONTA-CLIP** rail mounting system **RS-SP** is designed to enable you to produce quite a number of rail-mountable electronic connections by individually adapting the shaped profiles to the according printed board lengths.

The **RS-SP** profiles **RS-SP1** and **RS-SP2** have 2 connector levels and are delivered in 2 m lengths and are easy to cut into the required sections by means of a saw. We also offer profile lengths according to your specifications. Cutting profiles into sections without rigid subdivision allows profile enclosures to be individually adapted to electronics.

After cutting the shaped profiles into sections according to the specified modular lengths and/or space, the required modules can be assembled from the respective cover plates and foot elements.

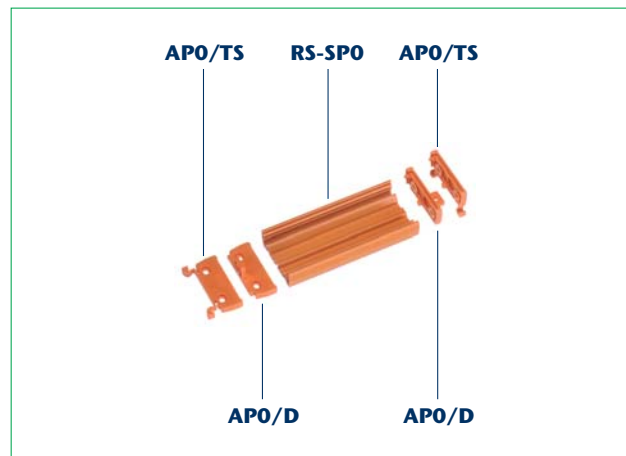
Three separate profile versions (**RS-SP0**, **RS-SP1** and **RS-SP2**) are available for the various widths of printed circuit boards.

Transparent cover profiles **AD1** (low version) and **AD2** (high version) are available in 1 m lengths for the **RS-SP1** system. Cover plates **AP/AD1** (low version) and **AP/AD2** (high version) are used for mounting with lock screw **BS-AD** serving to fit them to the cover profile. The labelling of versions **RS-SP1** and **RS-SP2** is effected by means of the quick marking system **SB** in specially provided marking grooves (see **CONTA-CONNECT** catalogue).

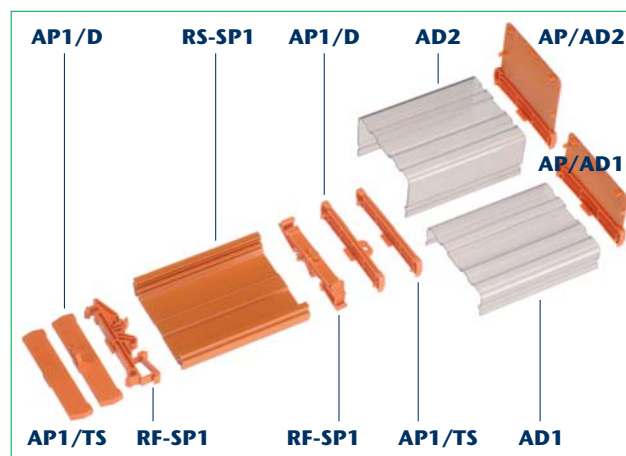
Taking into account applicable specifications and requirements, a **RS-SP profile** enclosure consists of the following components:

- Shaped profile **RS-SP** (versions **RS-SP0**; **RS-SP1**; **RS-SP2**)
- Cover plate **AP** in various versions:
  - Mounting rail installation **AP/Ts** (**RS-SP0**) on mounting rail **TS 35/RS-SP1** and **RS-SP 2** on mounting rail **TS32/TS 35**.
  - Direct installation **AP/D**
  - Low version **AP/AD1** for fastening of transp. cover **AD1**
  - High version **AP/AD2** for fastening of transp. cover **AD2**
- Rail mounting **RF** for installation of mounting rail of profiles **RS-SP1** and **RS-SP2** on mounting rail **TS32/TS35**
- Transparent shrouding profile **AD**
  - low version **AD1**
  - high version **AD2**
- Lock screw **BS-AD** for locking of shrouding profiles **AD1** and **AD2**
- Lock screw **BS-RS** for fastening of cover plates **AP** for Types **RS-SP0** and **RS-SP2**

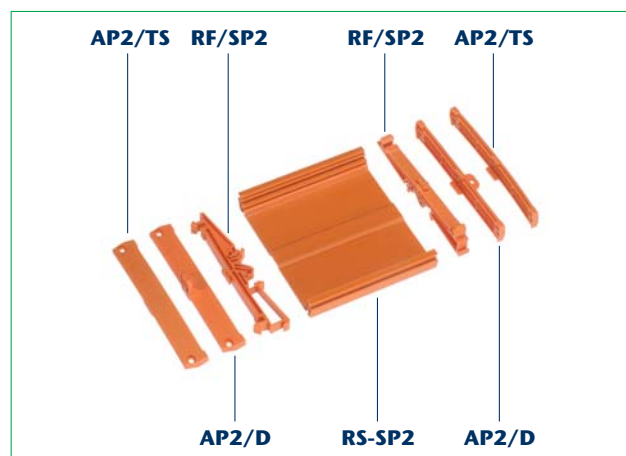
Standard rail mounting system **CONTA-CON RS-SP** colour is orange. Special colours are available on request.



RS-SP0

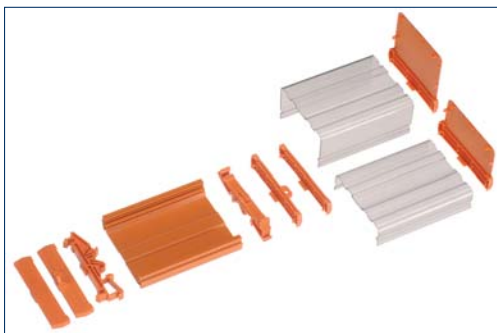


RS-SP1



RS-SP2

**Rail mouting system RS-SP**
**RS-SP0**

**RS-SP1**

**Component parts**

	Type	Cat.-No.	Qty. p. pck.
Shaped profile	<b>RS-SP0 orange</b>	5675.3	1
Cover plate/mouting rail installation	<b>AP0/TS orange</b>	3133.3	20
Cover plate/ direct installation	<b>AP0/D orange</b>	3134.3	20
Cover plate for AD 1	–	–	–
Cover plate for AD 2	–	–	–
Lock Screw BS-RS	<b>BS/RS</b>	4560.0	100
Shrouding cover AD 1	–	–	–
Shrouding cover AD 2	–	–	–
Lock screw for shrouding cover BS-AD	–	–	–
Catch foot for TS 32/35	–	–	–

	Type	Cat.-No.	Qty. p. pck.
Shaped profile	<b>RS-SP1 orange</b>	5680.3	1
Cover plate/mouting rail installation	<b>AP1/TS orange</b>	5681.3	20
Cover plate/ direct installation	<b>AP1/D orange</b>	5682.3	20
Cover plate for AD 1	<b>AP/AD1</b>	5891.0	20
Cover plate for AD 2	<b>AP/AD2</b>	5895.0	20
Lock Screw BS-RS	–	–	–
Shrouding cover AD 1	<b>AD1</b>	5893.0	1
Shrouding cover AD 2	<b>AD2</b>	5894.0	1
Lock screw for shrouding cover BS-AD	<b>BS/AD</b>	2385.0	100
Catch foot for TS 32/35	<b>RF/SP1 orange</b>	5683.0	20

**Dimensions**

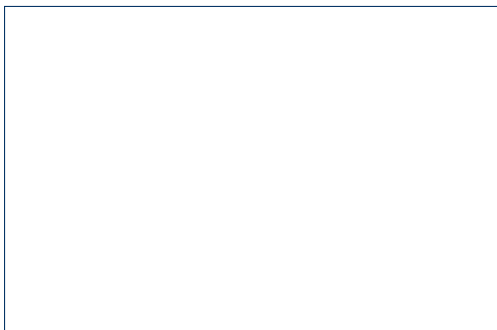
	mm	thickness mm
P.C. board top level	42,5/–	1,5 + 0,2
P.C. board bottom level	–	–
Total width	46,5	–
Length	2000	–
Height on TS 32	–	–
Height on TS 35	27	–
Height direct installation	19,0	–
Height AD 1	–	–
Height AD 2	–	–

	mm	thickness mm
P.C. board top level	73 + 0,4 ./. 0,1	1,5 + 0,2
P.C. board bottom level	68 + 0,4 ./. 0,1	1,5 + 0,2
Total width	84	–
Length	2000	–
Height on TS 32	43	–
Height on TS 35	40	–
Height direct installation	17	–
Height AD 1	25	–
Height AD 2	45	–

**Materials**

Material	RS-SP = PVC AP/RF = PA 6.6-V2
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Material	RS-SP = PVC AP/RF = PA 6.6-V2
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**Rail mouting system RS-SP**
**RS-SP2**

**Component parts**

	Type	Cat.-No.	Qty. p. pck.
Shaped profile	<b>RS-SP2 orange</b>	5690.3	1
Cover plate/mouting rail installation	<b>AP2/TS orange</b>	5691.3	20
Cover plate/ direct installation	<b>AP2/D orange</b>	5692.3	20
Cover plate for AD 1	–	–	–
Cover plate for AD 2	–	–	–
Lock Screw BS-RS	<b>BS/RS</b>	4560.0	100
Shrouding cover AD 1	–	–	–
Shrouding cover AD 2	–	–	–
Lock screw for shrouding cover BS-AD	–	–	–
Catch foot for TS 32/35	<b>RF/SP2 orange</b>	5693.3	20

	Type	Cat.-No.	Qty. p. pck.
Shaped profile	–	–	–
Cover plate/mouting rail installation	–	–	–
Cover plate/ direct installation	–	–	–
Cover plate for AD 1	–	–	–
Cover plate for AD 2	–	–	–
Lock Screw BS-RS	–	–	–
Shrouding cover AD 1	–	–	–
Shrouding cover AD 2	–	–	–
Lock screw for shrouding cover BS-AD	–	–	–
Catch foot for TS 32/35	–	–	–

**Dimensions**

	mm	thickness mm
P.C. board top level	108,5 + 0,5 ./. 0,3	1,5 + 0,2
P.C. board bottom level	100 + 0,5 ./. 0,1	1,5 + 0,2
Total width	119	–
Length	2000	–
Height on TS 32	43	–
Height on TS 35	40	–
Height direct installation	17	–
Height AD 1	–	–
Height AD 2	–	–

	mm	thickness mm
P.C. board top level	–	–
P.C. board bottom level	–	–
Total width	–	–
Length	–	–
Height on TS 32	–	–
Height on TS 35	–	–
Height direct installation	–	–
Height AD 1	–	–
Height AD 2	–	–

**Materials**

Material	RS-SP = PVC AP/RF = PA 6.6-V2
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Material	–
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<b>Types</b>	<b>Cat.-No.</b>	<b>Page</b>	<b>Types</b>	<b>Cat.-No.</b>	<b>Page</b>	<b>Types</b>	<b>Cat.-No.</b>	<b>Page</b>
PK 100/13/10,00-V	13497.1	25	PK 100/2/5,00-H-BL	10056.1	17	PK 100/4/5,00-H-BL	10058.1	17
PK 100/13/10,00-V d. grey	13497.4	25	PK 100/2/5,00-H-BL d. grey	10056.4	17	PK 100/4/5,00-H-BL d. grey	10058.4	17
PK 100/13/5,00-H	12373.1	16	PK 100/2/5,00-V	10001.1	16	PK 100/4/5,00-V	10003.1	16
PK 100/13/5,00-H d. grey	12373.4	16	PK 100/2/5,00-V d. grey	10001.4	16	PK 100/4/5,00-V d. grey	10003.4	16
PK 100/13/5,00-H-BL	12433.1	17	PK 100/2/5,00-V-BL	10045.1	17	PK 100/4/5,00-V-BL	10047.1	17
PK 100/13/5,00-H-BL d. grey	12433.4	17	PK 100/2/5,00-V-BL d. grey	10045.4	17	PK 100/4/5,00-V-BL d. grey	10047.4	17
PK 100/13/5,00-V	12385.1	16	PK 100/20/10,00-H	13516.1	25	PK 100/5/10,00-H	10037.1	25
PK 100/13/5,00V d. grey	12385.4	16	PK 100/20/10,00-H dkl.-gr.	13516.4	25	PK 100/5/10,00-H d. grey	10037.4	25
PK 100/13/5,00-V-BL	12421.1	17	PK 100/20/10,00-V	13504.1	25	PK 100/5/10,00-H-BL	10075.1	26
PK 100/13/5,00-V-BL d. grey	12421.4	17	PK 100/20/10,00-V d. grey	13504.4	25	PK 100/5/10,00-H-BL d. grey	10075.4	26
PK 100/14/10,00-H	13510.1	25	PK 100/20/5,00-H	12380.1	16	PK 100/5/10,00-V	10026.1	25
PK 100/14/10,00-H d. grey	13510.4	25	PK 100/20/5,00-H d. grey	12380.4	16	PK 100/5/10,00-V d. grey	10026.4	25
PK 100/14/10,00-V	13498.1	25	PK 100/20/5,00-H-BL	12440.1	17	PK 100/5/10,00-V-BL	10070.1	26
PK 100/14/10,00-V d. grey	13498.4	25	PK 100/20/5,00-H-BL d. grey	12440.4	17	PK 100/5/10,00-V-BL d. grey	10070.4	26
PK 100/14/5,00-H	12374.1	16	PK 100/20/5,00-V	12392.1	16	PK 100/5/5,00-H	10015.1	16
PK 100/14/5,00-H d. grey	12374.4	16	PK 100/20/5,00-V d. grey	12392.4	16	PK 100/5/5,00-H d. grey	10015.4	16
PK 100/14/5,00-H-BL	12434.1	17	PK 100/20/5,00-V-BL	12428.1	17	PK 100/5/5,00-H-BL	10059.1	17
PK 100/14/5,00-H-BL d. grey	12434.4	17	PK 100/20/5,00-V-BL d. grey	12428.4	17	PK 100/5/5,00-H-BL d. grey	10059.4	17
PK 100/14/5,00-V	12386.1	16	PK 100/21/10,00-H	13517.1	25	PK 100/5/5,00-V	10004.1	16
PK 100/14/5,00-V d. grey	12386.4	16	PK 100/21/10,00-H d. grey	13517.4	25	PK 100/5/5,00-V d. grey	10004.4	16
PK 100/14/5,00-V-BL	12422.1	17	PK 100/21/10,00-V	13505.1	25	PK 100/5/5,00-V-BL	10048.1	17
PK 100/14/5,00-V-BL d. grey	12422.4	17	PK 100/21/10,00-V d. grey	13505.4	25	PK 100/5/5,00-V-BL d. grey	10048.4	17
PK 100/15/10,00-H	13511.1	25	PK 100/21/5,00-H	12381.1	16	PK 100/6/10,00-H	10038.1	25
PK 100/15/10,00-H d. grey	13511.4	25	PK 100/21/5,00-H d. grey	12381.4	16	PK 100/6/10,00-H d. grey	10038.4	25
PK 100/15/10,00-V	13499.1	25	PK 100/21/5,00-H-BL	12441.1	17	PK 100/6/10,00-H-BL	10076.1	26
PK 100/15/10,00-V d. grey	13499.4	25	PK 100/21/5,00-H-BL d. grey	12441.4	17	PK 100/6/10,00-H-BL d. grey	10076.4	26
PK 100/15/5,00-H	12375.1	16	PK 100/21/5,00-V	12393.1	16	PK 100/6/10,00-V	10027.1	25
PK 100/15/5,00-H d. grey	12375.4	16	PK 100/21/5,00-V d. grey	12393.4	16	PK 100/6/10,00-V d. grey	10027.4	25
PK 100/15/5,00-H-BL	12435.1	17	PK 100/21/5,00-V-BL	12429.1	17	PK 100/6/10,00-V-BL	10071.1	26
PK 100/15/5,00-H-BL d. grey	12435.4	17	PK 100/21/5,00-V-BL d. grey	12429.4	17	PK 100/6/10,00-V-BL d. grey	10071.4	26
PK 100/15/5,00-V	12387.1	16	PK 100/22/10,00-H	13518.1	25	PK 100/6/5,00-H	10016.1	16
PK 100/15/5,00-V d. grey	12387.4	16	PK 100/22/10,00-H d. grey	13518.4	25	PK 100/6/5,00-H d. grey	10016.4	16
PK 100/15/5,00-V-BL	12423.1	17	PK 100/22/10,00-V	13506.1	25	PK 100/6/5,00-H-BL	10060.1	17
PK 100/15/5,00-V-BL d. grey	12423.4	17	PK 100/22/10,00-V d. grey	13506.4	25	PK 100/6/5,00-H-BL d. grey	10060.4	17
PK 100/16/10,00-H	13512.1	25	PK 100/22/5,00-H	12382.1	16	PK 100/6/5,00-V	10005.1	16
PK 100/16/10,00-H d. grey	13512.4	25	PK 100/22/5,00-H d. grey	12382.4	16	PK 100/6/5,00-V d. grey	10005.4	16
PK 100/16/10,00-V	13500.1	25	PK 100/22/5,00-H-BL	12442.1	17	PK 100/6/5,00-V-BL	10049.1	17
PK 100/16/10,00-V d. grey	13500.4	25	PK 100/22/5,00-H-BL d. grey	12442.4	17	PK 100/6/5,00-V-BL d. grey	10049.4	17
PK 100/16/5,00-H	12376.1	16	PK 100/22/5,00-V	12394.1	16	PK 100/7/10,00-H	10039.1	25
PK 100/16/5,00-H d. grey	12376.4	16	PK 100/22/5,00-V d. grey	12394.4	16	PK 100/7/10,00-H d. grey	10039.4	25
PK 100/16/5,00-H-BL	12436.1	17	PK 100/22/5,00-V-BL	12430.1	17	PK 100/7/10,00-V	10028.1	25
PK 100/16/5,00-H-BL d. grey	12436.4	17	PK 100/22/5,00-V-BL d. grey	12430.4	17	PK 100/7/10,00-V d. grey	10028.4	25
PK 100/16/5,00-V	12388.1	16	PK 100/23/10,00-H	13519.1	25	PK 100/7/5,00-H	10017.1	16
PK 100/16/5,00-V d. grey	12388.4	16	PK 100/23/10,00-H d. grey	13519.4	25	PK 100/7/5,00-H d. grey	10017.4	16
PK 100/16/5,00-V-BL	12424.1	17	PK 100/23/10,00-V	13507.1	25	PK 100/7/5,00-H-BL	10061.1	17
PK 100/16/5,00-V-BL d. grey	12424.4	17	PK 100/23/10,00-V d. grey	13507.4	25	PK 100/7/5,00-H-BL d. grey	10061.4	17
PK 100/17/10,00-H	13513.1	25	PK 100/23/5,00-H	12383.1	16	PK 100/7/5,00-V	10006.1	16
PK 100/17/10,00-H d. grey	13513.4	25	PK 100/23/5,00-H d. grey	12383.4	16	PK 100/7/5,00-V d. grey	10006.4	16
PK 100/17/10,00-V	13501.1	25	PK 100/23/5,00-H-BL	12443.1	17	PK 100/7/5,00-V-BL	10050.1	17
PK 100/17/10,00-V d. grey	13501.4	25	PK 100/23/5,00-H-BL d. grey	12443.4	17	PK 100/7/5,00-V-BL d. grey	10050.4	17
PK 100/17/5,00-H	12377.1	16	PK 100/23/5,00-V	12395.1	16	PK 100/8/10,00-H	10040.1	25
PK 100/17/5,00-H d. grey	12377.4	16	PK 100/23/5,00-V d. grey	12395.4	16	PK 100/8/10,00-H d. grey	10040.4	25
PK 100/17/5,00-H-BL	12437.1	17	PK 100/23/5,00-V-BL	12431.1	17	PK 100/8/10,00-V	10029.1	25
PK 100/17/5,00-H-BL d. grey	12437.4	17	PK 100/23/5,00-V-BL d. grey	12431.4	17	PK 100/8/10,00-V d. grey	10029.4	25
PK 100/17/5,00-V	12389.1	16	PK 100/24/10,00-H	13520.1	25	PK 100/8/5,00-H	10018.1	16
PK 100/17/5,00-V d. grey	12389.4	16	PK 100/24/10,00-H d. grey	13520.4	25	PK 100/8/5,00-H d. grey	10018.4	16
PK 100/17/5,00-V-BL	12425.1	17	PK 100/24/10,00-V	13508.1	25	PK 100/8/5,00-H-BL	10062.1	17
PK 100/17/5,00-V-BL d. grey	12425.4	17	PK 100/24/10,00-V d. grey	13508.4	25	PK 100/8/5,00-H-BL d. grey	10062.4	17
PK 100/18/10,00-H	13514.1	25	PK 100/24/5,00-H	12384.1	16	PK 100/8/5,00-V	10007.1	16
PK 100/18/10,00-H d. grey	13514.4	25	PK 100/24/5,00-H d. grey	12384.4	16	PK 100/8/5,00-V d. grey	10007.4	16
PK 100/18/10,00-V	13502.1	25	PK 100/24/5,00-H-BL	12444.1	17	PK 100/8/5,00-V-BL	10051.1	17
PK 100/18/10,00-V d. grey	13502.4	25	PK 100/24/5,00-H-BL d. grey	12444.4	17	PK 100/8/5,00-V-BL d. grey	10051.4	17
PK 100/18/5,00-H	12378.1	16	PK 100/24/5,00-V	12396.1	16	PK 100/9/10,00-H	10041.1	25
PK 100/18/5,00-H d. grey	12378.4	16	PK 100/24/5,00-V d. grey	12396.4	16	PK 100/9/10,00-H d. grey	10041.4	25
PK 100/18/5,00-H-BL	12438.1	17	PK 100/24/5,00-V-BL	12432.1	17	PK 100/9/10,00-V	10030.1	25
PK 100/18/5,00-H-BL d. grey	12438.4	17	PK 100/24/5,00-V-BL d. grey	12432.4	17	PK 100/9/10,00-V d. grey	10030.4	25
PK 100/18/5,00-V	12390.1	16	PK 100/3/10,00-H	10035.1	25	PK 100/9/5,00-H	10019.1	16
PK 100/18/5,00-V d. grey	12390.4	16	PK 100/3/10,00-H d. grey	10035.4	25	PK 100/9/5,00-H d. grey	10019.4	16
PK 100/18/5,00-V-BL	12426.1	17	PK 100/3/10,00-H-BL	10073.1	26	PK 100/9/5,00-H-BL	10063.1	17
PK 100/18/5,00-V-BL d. grey	12426.4	17	PK 100/3/10,00-H-BL d. grey	10073.4	26	PK 100/9/5,00-H-BL d. grey	10063.4	17
PK 100/19/10,00-H	13515.1	25	PK 100/3/10,00-V	10024.1	25	PK 100/9/5,00-V	10008.1	16
PK 100/19/10,00-H d. grey	13515.4	25	PK 100/3/10,00-V d. grey	10024.4	25	PK 100/9/5,00-V d. grey	10008.4	16
PK 100/19/10,00-V	13503.1	25	PK 100/3/10,00-V-BL	10068.1	26	PK 100/9/5,00-V-BL	10052.1	17
PK 100/19/10,00-V d. grey	13503.4	25	PK 100/3/10,00-V-BL d. grey	10068.4	26	PK 100/9/5,00-V-BL d. grey	10052.4	17
PK 100/19/5,00-H	12379.1	16	PK 100/3/5,00-H	10013.1	16	PK 104/10/5,00-V	10085.1	18
PK 100/19/5,00-H d. grey	12379.4	16	PK 100/3/5,00-H d. grey	10013.4	16	PK 104/10/5,00-V d. grey	10085.4	18
PK 100/19/5,00-H-BL	12439.1	17	PK 100/3/5,00-H-BL	10057.1	17	PK 104/11/5,00-V	10086.1	18
PK 100/19/5,00-H-BL d. grey	12439.4	17	PK 100/3/5,00-H-BL d. grey	10057.4	17	PK 104/11/5,00-V d. grey	10086.4	18
PK 100/19/5,00-V	12391.1	16	PK 100/3/5,00-V	10002.1	16	PK 104/12/5,00-V	10087.1	18
PK 100/19/5,00-V d. grey	12391.4	16	PK 100/3/5,00-V d. grey	10002.4	16	PK 104/12/5,00-V d. grey	10087.4	18
PK 100/19/5,00-V-BL	12427.1	17	PK 100/3/5,00-V-BL	10046.1	17	PK 104/13/5,00-V	12397.1	18
PK 100/19/5,00-V-BL d. grey	12427.4	17	PK 100/3/5,00-V-BL d. grey	10046.4	17	PK 104/13/5,00-V d. grey	12397.4	18
PK 100/2/10,00-H	10034.1	25	PK 100/4/10,00-H	10036.1	25	PK 104/14/5,00-V	12398.1	18
PK 100/2/10,00-H d. grey	10034.4	25	PK 100/4/10,00-H d. grey	10036.4	25	PK 104/14/5,00-V d. grey	12398.4	18
PK 100/2/10,00-H-BL	10072.1	26	PK 100/4/10,00-H-BL	10074.1	26	PK 104/15/5,00-V	12399.1	18
PK 100/2/10,00-H-BL d. grey	10072.4	26	PK 100/4/10,00-H-BL d. grey	10074.4	26	PK 104/15/5,00-V d. grey	12399.4	18
PK 100/2/10,00-V	10023.1	25	PK 100/4/10,00-V	10025.1	25	PK 104/16/5,00-V	12400.1	18
PK 100/2/10,00-V d. grey	10023.4	25	PK 100/4/10,00-V d. grey	10025.4	25	PK 104/16/5,00-V d. grey	12400.4	18
PK 100/2/10,00-V-BL	10067.1	26	PK 100/4/10,00-V-BL	10069.1	26	PK 104/17/5,00-V	12401.1	18
PK 100/2/10,00-V-BL d. grey	10067.4	26	PK 100/4/10,00-V-BL d. grey	10069.4	26	PK 104/17/5,00-V d. grey	12401.4	18
PK 100/2/5,00-H	10012.1	16	PK 100/4/5,00-H	10014.1	16	PK 104/18/5,00-V	12402.1	18
PK 100/2/5,00-H d. grey	10012.4	16	PK 100/4/5,00-H d. grey	10014.4	16	PK 104/18/5,00-V d. grey	12402.4	18

Types	Cat.-No.	Page	Types	Cat.-No.	Page	Types	Cat.-No.	Page
PK 104/19/5,00-V	12403.1	18	PK 110/3/7,50-H	10111.1	22	PK 120/14/5,08-V	12410.1	20
PK 104/19/5,00-V d. grey	12403.4	18	PK 110/3/7,50-H d. grey	10111.4	22	PK 120/14/5,08-V d. grey	12410.4	20
PK 104/2/5,00-V	10077.1	18	PK 110/3/7,50-V	10100.1	41	PK 120/15/5,08-H	12483.1	20
PK 104/2/5,00-V d. grey	10077.4	18	PK 110/3/7,50-V d. grey	10100.4	41	PK 120/15/5,08-H d. grey	12483.4	20
PK 104/20/5,00-V	12404.1	18	PK 110/4/7,50-H	10112.1	22	PK 120/15/5,08-V	12411.1	20
PK 104/20/5,00-V d. grey	12404.4	18	PK 110/4/7,50-H d. grey	10112.4	22	PK 120/15/5,08-V d. grey	12411.4	20
PK 104/21/5,00-V	12405.1	18	PK 110/4/7,50-V	10101.1	41	PK 120/16/5,08-H	12484.1	20
PK 104/21/5,00-V d. grey	12405.4	18	PK 110/4/7,50-V d. grey	10101.4	41	PK 120/16/5,08-H d. grey	12484.4	20
PK 104/22/5,00-V	12406.1	18	PK 110/5/7,50-H	10113.1	22	PK 120/16/5,08-V	12412.1	20
PK 104/22/5,00-V d. grey	12406.4	18	PK 110/5/7,50-H d. grey	10113.4	22	PK 120/16/5,08-V d. grey	12412.4	20
PK 104/23/5,00-V	12407.1	18	PK 110/5/7,50-V	10102.1	41	PK 120/17/5,08-H	12485.1	20
PK 104/23/5,00-V d. grey	12407.4	18	PK 110/5/7,50-V d. grey	10102.4	41	PK 120/17/5,08-H d. grey	12485.4	20
PK 104/24/5,00-V	12408.1	18	PK 110/6/7,50-H	10114.1	22	PK 120/17/5,08-V	12413.1	20
PK 104/24/5,00-V d. grey	12408.4	18	PK 110/6/7,50-H d. grey	10114.4	22	PK 120/17/5,08-V d. grey	12413.4	20
PK 104/3/5,00-V	10078.1	18	PK 110/6/7,50-V	10103.1	41	PK 120/18/5,08-H	12486.1	20
PK 104/3/5,00-V d. grey	10078.4	18	PK 110/6/7,50-V d. grey	10103.4	41	PK 120/18/5,08-H d. grey	12486.4	20
PK 104/4/5,00-V	10079.1	18	PK 110/7/7,50-H	10115.1	22	PK 120/18/5,08-V	12414.1	20
PK 104/4/5,00-V d. grey	10079.4	18	PK 110/7/7,50-H d. grey	10115.4	22	PK 120/18/5,08-V d. grey	12414.4	20
PK 104/5/5,00-V	10080.1	18	PK 110/7/7,50-V	10104.1	41	PK 120/19/5,08-H	12487.1	20
PK 104/5/5,00-V d. grey	10080.4	18	PK 110/7/7,50-V d. grey	10104.4	41	PK 120/19/5,08-H d. grey	12487.4	20
PK 104/6/5,00-V	10081.1	18	PK 110/8/7,50-H	10116.1	22	PK 120/19/5,08-V	12415.1	20
PK 104/6/5,00-V d. grey	10081.4	18	PK 110/8/7,50-H d. grey	10116.4	22	PK 120/19/5,08-V d. grey	12415.4	20
PK 104/7/5,00-V	10082.1	18	PK 110/8/7,50-V	10105.1	41	PK 120/2/5,08-H	10132.1	20
PK 104/7/5,00-V d. grey	10082.4	18	PK 110/8/7,50-V d. grey	10105.4	41	PK 120/2/5,08-H d. grey	10132.4	20
PK 104/8/5,00-V	10083.1	18	PK 110/9/7,50-H	10117.1	22	PK 120/2/5,08-V	10121.1	20
PK 104/8/5,00-V d. grey	10083.4	18	PK 110/9/7,50-H d. grey	10117.4	22	PK 120/2/5,08-V d. grey	10121.4	20
PK 104/9/5,00-V	10084.1	18	PK 110/9/7,50-V	10106.1	41	PK 120/20/5,08-H	12488.1	20
PK 104/9/5,00-V d. grey	10084.4	18	PK 110/9/7,50-V d. grey	10106.4	41	PK 120/20/5,08-H d. grey	12488.4	20
PK 110/10/7,50-H	10118.1	22	PK 114/10/7,50-V	10096.1	23	PK 120/20/5,08-V	12416.1	20
PK 110/10/7,50-H d. grey	10118.4	22	PK 114/10/7,50-V d. grey	10096.4	23	PK 120/20/5,08-V d. grey	12416.4	20
PK 110/10/7,50-V	10107.1	41	PK 114/11/7,50-V	10097.1	23	PK 120/21/5,08-H	12489.1	20
PK 110/10/7,50-V d. grey	10107.4	41	PK 114/11/7,50-V d. grey	10097.4	23	PK 120/21/5,08-H d. grey	12489.4	20
PK 110/11/7,50-H	10119.1	22	PK 114/12/7,50-V	10098.1	23	PK 120/21/5,08-V	12417.1	20
PK 110/11/7,50-H d. grey	10119.4	22	PK 114/12/7,50-V d. grey	10098.4	23	PK 120/21/5,08-V d. grey	12417.4	20
PK 110/11/7,50-V	10108.1	41	PK 114/13/7,50-V	12445.1	23	PK 120/22/5,08-H	12490.1	20
PK 110/11/7,50-V d. grey	10108.4	41	PK 114/13/7,50-V d. grey	12445.4	23	PK 120/22/5,08-H d. grey	12490.4	20
PK 110/12/7,50-H	10120.1	22	PK 114/14/7,50-V	12446.1	23	PK 120/22/5,08-V	12418.1	20
PK 110/12/7,50-H d. grey	10120.4	22	PK 114/14/7,50-V d. grey	12446.4	23	PK 120/22/5,08-V d. grey	12418.4	20
PK 110/12/7,50-V	10109.1	41	PK 114/15/7,50-V	12447.1	23	PK 120/23/5,08-H	12491.1	20
PK 110/12/7,50-V d. grey	10109.4	41	PK 114/15/7,50-V d. grey	12447.4	23	PK 120/23/5,08-H d. grey	12491.4	20
PK 110/13/7,50-H	12469.1	22	PK 114/16/7,50-V	12448.1	23	PK 120/23/5,08-V	12419.1	20
PK 110/13/7,50-H d. grey	12469.4	22	PK 114/16/7,50-V d. grey	12448.4	23	PK 120/23/5,08-V d. grey	12419.4	20
PK 110/13/7,50-V	12457.1	22	PK 114/17/7,50-V	12449.1	23	PK 120/24/5,08-H	12492.1	20
PK 110/13/7,50-V d. grey	12457.4	22	PK 114/17/7,50-V d. grey	12449.4	23	PK 120/24/5,08-H d. grey	12492.4	20
PK 110/14/7,50-H	12470.1	22	PK 114/18/7,50-V	12450.1	23	PK 120/24/5,08-V	12420.1	20
PK 110/14/7,50-H d. grey	12470.4	22	PK 114/18/7,50-V d. grey	12450.4	23	PK 120/24/5,08-V d. grey	12420.4	20
PK 110/14/7,50-V	12458.1	22	PK 114/19/7,50-V	12451.1	23	PK 120/3/5,08-H	10133.1	20
PK 110/14/7,50-V d. grey	12458.4	22	PK 114/19/7,50-V d. grey	12451.4	23	PK 120/3/5,08-H d. grey	10133.4	20
PK 110/15/7,50-H	12471.1	22	PK 114/2/7,50-V	10088.1	23	PK 120/3/5,08-V	10122.1	20
PK 110/15/7,50-H d. grey	12471.4	22	PK 114/2/7,50-V d. grey	10088.4	23	PK 120/3/5,08-V d. grey	10122.4	20
PK 110/15/7,50-V	12459.1	22	PK 114/20/7,50-V	12452.1	23	PK 120/4/5,08-H	10134.1	20
PK 110/15/7,50-V d. grey	12459.4	22	PK 114/20/7,50-V d. grey	12452.4	23	PK 120/4/5,08-H d. grey	10134.4	20
PK 110/16/7,50-H	12472.1	22	PK 114/21/7,50-V	12453.1	23	PK 120/4/5,08-V	10123.1	20
PK 110/16/7,50-H d. grey	12472.4	22	PK 114/21/7,50-V d. grey	12453.4	23	PK 120/4/5,08-V d. grey	10123.4	20
PK 110/16/7,50-V	12460.1	22	PK 114/22/7,50-V	12454.1	23	PK 120/5/5,08-H	10135.1	20
PK 110/16/7,50-V d. grey	12460.4	22	PK 114/22/7,50-V d. grey	12454.4	23	PK 120/5/5,08-H d. grey	10135.4	20
PK 110/17/7,50-H	12473.1	22	PK 114/23/7,50-V	12455.1	23	PK 120/5/5,08-V	10124.1	20
PK 110/17/7,50-H d. grey	12473.4	22	PK 114/23/7,50-V d. grey	12455.4	23	PK 120/5/5,08-V d. grey	10124.4	20
PK 110/17/7,50-V	12461.1	22	PK 114/24/7,50-V	12456.1	23	PK 120/6/5,08-H	10136.1	20
PK 110/17/7,50-V d. grey	12461.4	22	PK 114/24/7,50-V d. grey	12456.4	23	PK 120/6/5,08-H d. grey	10136.4	20
PK 110/18/7,50-H	12474.1	22	PK 114/3/7,50-V	10089.1	23	PK 120/6/5,08-V	10125.1	20
PK 110/18/7,50-H d. grey	12474.4	22	PK 114/3/7,50-V d. grey	10089.4	23	PK 120/6/5,08-V d. grey	10125.4	20
PK 110/18/7,50-V	12462.1	22	PK 114/4/7,50-V	10090.1	23	PK 120/7/5,08-H	10137.1	20
PK 110/18/7,50-V d. grey	12462.4	22	PK 114/4/7,50-V d. grey	10090.4	23	PK 120/7/5,08-H d. grey	10137.4	20
PK 110/19/7,50-H	12475.1	22	PK 114/5/7,50-V	10091.1	23	PK 120/7/5,08-V	10126.1	20
PK 110/19/7,50-H d. grey	12475.4	22	PK 114/5/7,50-V d. grey	10091.4	23	PK 120/7/5,08-V d. grey	10126.4	20
PK 110/19/7,50-V	12463.1	22	PK 114/6/7,50-V	10092.1	23	PK 120/8/5,08-H	10138.1	20
PK 110/19/7,50-V d. grey	12463.4	22	PK 114/6/7,50-V d. grey	10092.4	23	PK 120/8/5,08-H d. grey	10138.4	20
PK 110/2/7,50-H	10110.1	22	PK 114/7/7,50-V	10093.1	23	PK 120/8/5,08-V	10127.1	20
PK 110/2/7,50-H d. grey	10110.4	22	PK 114/7/7,50-V d. grey	10093.4	23	PK 120/8/5,08-V d. grey	10127.4	20
PK 110/2/7,50-V	10099.1	41	PK 114/8/7,50-V	10094.1	23	PK 120/9/5,08-H	10139.1	20
PK 110/2/7,50-V d. grey	10099.4	41	PK 114/8/7,50-V d. grey	10094.4	23	PK 120/9/5,08-H d. grey	10139.4	20
PK 110/20/7,50-H	12476.1	22	PK 114/9/7,50-V	10095.1	23	PK 120/9/5,08-V	10128.1	20
PK 110/20/7,50-H d. grey	12476.4	22	PK 114/9/7,50-V d. grey	10095.4	23	PK 120/9/5,08-V d. grey	10128.4	20
PK 110/20/7,50-V	12464.1	22	PK 120/10/5,08-H	10140.1	20	PK 2,5/10/5,00 green	5010.1	29
PK 110/20/7,50-V d. grey	12464.4	22	PK 120/10/5,08-H d. grey	10140.4	20	PK 2,5/10/5,00 orange	5010.3	29
PK 110/21/7,50-H	12477.1	22	PK 120/10/5,08-V	10129.1	20	PK 2,5/10/5,08 green	5110.1	35
PK 110/21/7,50-H d. grey	12477.4	22	PK 120/10/5,08-V d. grey	10129.4	20	PK 2,5/10/5,08 orange	5110.3	35
PK 110/21/7,50-V	12465.1	22	PK 120/11/5,08-H	10141.1	20	PK 2,5/10/7,50 green	5060.1	39
PK 110/21/7,50-V d. grey	12465.4	22	PK 120/11/5,08-H d. grey	10141.4	20	PK 2,5/10/7,50 orange	5060.3	39
PK 110/22/7,50-H	12478.1	22	PK 120/11/5,08-V	10130.1	20	PK 2,5/10/7,62 green	5080.1	41
PK 110/22/7,50-H d. grey	12478.4	22	PK 120/11/5,08-V d. grey	10130.4	20	PK 2,5/10/7,62 orange	5080.3	41
PK 110/22/7,50-V	12466.1	22	PK 120/12/5,08-H	10142.1	20	PK 2,5/11/5,00 green	5011.1	29
PK 110/22/7,50-V d. grey	12466.4	22	PK 120/12/5,08-H d. grey	10142.4	20	PK 2,5/11/5,00 orange	5011.3	29
PK 110/23/7,50-H	12479.1	22	PK 120/12/5,08-V	10131.1	20	PK 2,5/11/5,08 green	5111.1	35
PK 110/23/7,50-H d. grey	12479.4	22	PK 120/12/5,08-V d. grey	10131.4	20	PK 2,5/11/5,08 orange	5111.3	35
PK 110/23/7,50-V	12467.1	22	PK 120/13/5,08-H	12481.1	20	PK 2,5/11/7,50 green	5061.1	39
PK 110/23/7,50-V d. grey	12467.4	22	PK 120/13/5,08-H d. grey	12481.4	20	PK 2,5/11/7,50 orange	5061.3	39
PK 110/24/7,50-H	12480.1	22	PK 120/13/5,08-V	12409.1	20	PK 2,5/11/7,62 green	5081.1	41
PK 110/24/7,50-H d. grey	12480.4	22	PK 120/13/5,08-V d. grey	12409.4	20	PK 2,5/11/7,62 orange	5081.3	41
PK 110/24/7,50-V	12468.1	22	PK 120/14/5,08-H	12482.1	20	PK 2,5/12/5,00 green	5012.1	29
PK 110/24/7,50-V d. grey	12468.4	22	PK 120/14/5,08-H d. grey	12482.4	20	PK 2,5/12/5,00 orange	5012.3	29





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PK 360/5/7,50-V d. grey	10404.4	40	PK 500/14/10,00-V	13474.1	23	PK 500/19/5,08-V	12511.1	19
PK 360/6/7,50-H	13609.1	40	PK 500/14/10,00-V d. grey	13474.4	23	PK 500/19/5,08-V d. grey	12511.4	19
PK 360/6/7,50-H d. grey	13609.4	40	PK 500/14/10,16-H	13534.1	27	PK 500/2/10,00-H	10209.1	24
PK 360/6/7,50-V	10405.1	40	PK 500/14/10,16-H d. grey	13534.4	27	PK 500/2/10,00-H d. grey	10209.4	24
PK 360/6/7,50-V d. grey	10405.4	40	PK 500/14/10,16-V	13522.1	27	PK 500/2/10,00-V	10187.1	23
PK 360/7/7,50-H	13610.1	40	PK 500/14/10,16-V d. grey	13522.4	27	PK 500/2/10,00-V d. grey	10187.4	23
PK 360/7/7,50-H d. grey	13610.4	40	PK 500/14/5,00-H	12518.1	13	PK 500/2/10,00-V-BL	10242.1	24
PK 360/7/7,50-V	10406.1	40	PK 500/14/5,00-H d. grey	12518.4	13	PK 500/2/10,00-V-BL d. grey	10242.4	24
PK 360/7/7,50-V d. grey	10406.4	40	PK 500/14/5,00-V	12494.1	13	PK 500/2/10,16-H	10220.1	27
PK 360/8/7,50-H	13611.1	40	PK 500/14/5,00-V d. grey	12494.4	13	PK 500/2/10,16-H d. grey	10220.4	27
PK 360/8/7,50-H d. grey	13611.4	40	PK 500/14/5,08-H	12530.1	19	PK 500/2/10,16-V	10198.1	27
PK 360/8/7,50-V	10407.1	40	PK 500/14/5,08-H d. grey	12530.4	19	PK 500/2/10,16-V d. grey	10198.4	27
PK 360/8/7,50-V d. grey	10407.4	40	PK 500/14/5,08-V	12506.1	19	PK 500/2/5,00-H	10165.1	13
PK 360/9/7,50-H	13612.1	40	PK 500/14/5,08-V d. grey	12506.4	19	PK 500/2/5,00-H d. grey	10165.4	13
PK 360/9/7,50-H d. grey	13612.4	40	PK 500/15/10,00-H	13487.1	24	PK 500/2/5,00-H-BL	10713.1	14
PK 360/9/7,50-V	10408.1	40	PK 500/15/10,00-H d. grey	13487.4	24	PK 500/2/5,00-V	10143.1	13
PK 360/9/7,50-V d. grey	10408.4	40	PK 500/15/10,00-V	13475.1	23	PK 500/2/5,00-V d. grey	10143.4	13
PK 500/10/10,00-H	10217.1	24	PK 500/15/10,00-V d. grey	13475.4	23	PK 500/2/5,00-V-BL	10231.1	14
PK 500/10/10,00-H d. grey	10217.4	24	PK 500/15/10,16-H	13535.1	27	PK 500/2/5,00-V-BL d. grey	10231.4	14
PK 500/10/10,00-V	10195.1	23	PK 500/15/10,16-H d. grey	13535.4	27	PK 500/2/5,08-H	10176.1	19
PK 500/10/10,00-V d. grey	10195.4	23	PK 500/15/10,16-V	13523.1	27	PK 500/2/5,08-H d. grey	10176.4	19
PK 500/10/10,16-H	10228.1	27	PK 500/15/10,16-V d. grey	13523.4	27	PK 500/2/5,08-V	10154.1	19
PK 500/10/10,16-H d. grey	10228.4	27	PK 500/15/5,00-H	12519.1	13	PK 500/2/5,08-V d. grey	10154.4	19
PK 500/10/10,16-V	10206.1	27	PK 500/15/5,00-H d. grey	12519.4	13	PK 500/20/10,00-H	13492.1	24
PK 500/10/10,16-V d. grey	10206.4	27	PK 500/15/5,00-V	12495.1	13	PK 500/20/10,00-H d. grey	13492.4	24
PK 500/10/5,00-H	10173.1	13	PK 500/15/5,00-V d. grey	12495.4	13	PK 500/20/10,00-V	13480.1	23
PK 500/10/5,00-H d. grey	10173.4	13	PK 500/15/5,08-H	12531.1	19	PK 500/20/10,00-V d. grey	13480.4	23
PK 500/10/5,00-H-BL	10721.1	14	PK 500/15/5,08-H d. grey	12531.4	19	PK 500/20/10,16-H	13540.1	27
PK 500/10/5,00-V	10151.1	13	PK 500/15/5,08-V	12507.1	19	PK 500/20/10,16-H d. grey	13540.4	27
PK 500/10/5,00-V d. grey	10151.4	13	PK 500/15/5,08-V d. grey	12507.4	19	PK 500/20/10,16-V	13528.1	27
PK 500/10/5,00-V-BL	10239.1	14	PK 500/16/10,00-H	13488.1	24	PK 500/20/10,16-V d. grey	13528.4	27
PK 500/10/5,00-V-BL d. grey	10239.4	14	PK 500/16/10,00-H d. grey	13488.4	24	PK 500/20/5,00-H	12524.1	13
PK 500/10/5,08-H	10184.1	19	PK 500/16/10,00-V	13476.1	23	PK 500/20/5,00-H d. grey	12524.4	13
PK 500/10/5,08-H d. grey	10184.4	19	PK 500/16/10,00-V d. grey	13476.4	23	PK 500/20/5,00-V	12500.1	13
PK 500/10/5,08-V	10162.1	19	PK 500/16/10,16-H	13536.1	27	PK 500/20/5,00-V d. grey	12500.4	13
PK 500/10/5,08-V d. grey	10162.4	19	PK 500/16/10,16-H d. grey	13536.4	27	PK 500/20/5,08-H	12536.1	19
PK 500/11/10,00-H	10218.1	24	PK 500/16/10,16-V	13524.1	27	PK 500/20/5,08-H d. grey	12536.4	19
PK 500/11/10,00-H d. grey	10218.4	24	PK 500/16/10,16-V d. grey	13524.4	27	PK 500/20/5,08-V	12512.1	19
PK 500/11/10,00-V	10196.1	23	PK 500/16/5,00-H	12520.1	13	PK 500/20/5,08-V d. grey	12512.4	19
PK 500/11/10,00-V d. grey	10196.4	23	PK 500/16/5,00-H d. grey	12520.4	13	PK 500/21/10,00-H	13493.1	24
PK 500/11/10,16-H	10229.1	27	PK 500/16/5,00-V	12496.1	13	PK 500/21/10,00-H d. grey	13493.4	24
PK 500/11/10,16-H d. grey	10229.4	27	PK 500/16/5,00-V d. grey	12496.4	13	PK 500/21/10,00-V	13481.1	23
PK 500/11/10,16-V	10207.1	27	PK 500/16/5,08-H	12532.1	19	PK 500/21/10,00-V d. grey	13481.4	23
PK 500/11/10,16-V d. grey	10207.4	27	PK 500/16/5,08-H d. grey	12532.4	19	PK 500/21/10,16-H	13541.1	27
PK 500/11/5,00-H	10174.1	13	PK 500/16/5,08-V	12508.1	19	PK 500/21/10,16-H d. grey	13541.4	27
PK 500/11/5,00-H d. grey	10174.4	13	PK 500/16/5,08-V d. grey	12508.4	19	PK 500/21/10,16-V	13529.1	27
PK 500/11/5,00-H-BL	10722.1	14	PK 500/17/10,00-H	13489.1	24	PK 500/21/10,16-V d. grey	13529.4	27
PK 500/11/5,00-V	10152.1	13	PK 500/17/10,00-H d. grey	13489.4	24	PK 500/21/5,00-H	12525.1	13
PK 500/11/5,00-V d. grey	10152.4	13	PK 500/17/10,00-V	13477.1	23	PK 500/21/5,00-H d. grey	12525.4	13
PK 500/11/5,00-V-BL	10240.1	14	PK 500/17/10,00-V d. grey	13477.4	23	PK 500/21/5,00-V	12501.1	13
PK 500/11/5,00-V-BL d. grey	10240.4	14	PK 500/17/10,16-H	13537.1	27	PK 500/21/5,00-V d. grey	12501.4	13
PK 500/11/5,08-H	10185.1	19	PK 500/17/10,16-H d. grey	13537.4	27	PK 500/21/5,08-H	12537.1	19
PK 500/11/5,08-H d. grey	10185.4	19	PK 500/17/10,16-V	13525.1	27	PK 500/21/5,08-H d. grey	12537.4	19
PK 500/11/5,08-V	10163.1	19	PK 500/17/10,16-V d. grey	13525.4	27	PK 500/21/5,08-V	12513.1	19
PK 500/11/5,08-V d. grey	10163.4	19	PK 500/17/5,00-H	12521.1	13	PK 500/21/5,08-V d. grey	12513.4	19
PK 500/12/10,00-H	10219.1	24	PK 500/17/5,00-H d. grey	12521.4	13	PK 500/22/10,00-H	13494.1	24
PK 500/12/10,00-H d. grey	10219.4	24	PK 500/17/5,00-V	12497.1	13	PK 500/22/10,00-H d. grey	13494.4	24
PK 500/12/10,00-V	10197.1	23	PK 500/17/5,00-V d. grey	12497.4	13	PK 500/22/10,00-V	13482.1	23
PK 500/12/10,00-V d. grey	10197.4	23	PK 500/17/5,08-H	12533.1	19	PK 500/22/10,00-V d. grey	13482.4	23
PK 500/12/10,16-H	10230.1	27	PK 500/17/5,08-H d. grey	12533.4	19	PK 500/22/10,16-H	13542.1	27
PK 500/12/10,16-H d. grey	10230.4	27	PK 500/17/5,08-V	12509.1	19	PK 500/22/10,16-H d. grey	13542.4	27
PK 500/12/10,16-V	10208.1	27	PK 500/17/5,08-V d. grey	12509.4	19	PK 500/22/10,16-V	13530.1	27
PK 500/12/10,16-V d. grey	10208.4	27	PK 500/18/10,00-H	13490.1	24	PK 500/22/10,16-V d. grey	13530.4	27
PK 500/12/5,00-H	10175.1	13	PK 500/18/10,00-H d. grey	13490.4	24	PK 500/22/5,00-H	12526.1	13
PK 500/12/5,00-H d. grey	10175.4	13	PK 500/18/10,00-V	13478.1	23	PK 500/22/5,00-H d. grey	12526.4	13
PK 500/12/5,00-H-BL	10723.1	14	PK 500/18/10,00-V d. grey	13478.4	23	PK 500/22/5,00-V	12502.1	13
PK 500/12/5,00-V	10153.1	13	PK 500/18/10,16-H	13538.1	27	PK 500/22/5,00-V d. grey	12502.4	13
PK 500/12/5,00-V d. grey	10153.4	13	PK 500/18/10,16-H d. grey	13538.4	27	PK 500/22/5,08-H	12538.1	19
PK 500/12/5,00-V-BL	10241.1	14	PK 500/18/10,16-V	13526.1	27	PK 500/22/5,08-H d. grey	12538.4	19
PK 500/12/5,00-V-BL d. grey	10241.4	14	PK 500/18/10,16-V d. grey	13526.4	27	PK 500/22/5,08-V	12514.1	19
PK 500/12/5,08-H	10186.1	19	PK 500/18/5,00-H	12522.1	13	PK 500/22/5,08-V d. grey	12514.4	19
PK 500/12/5,08-H d. grey	10186.4	19	PK 500/18/5,00-H d. grey	12522.4	13	PK 500/23/10,00-H	13495.1	24
PK 500/12/5,08-V	10164.1	19	PK 500/18/5,00-V	12498.1	13	PK 500/23/10,00-H d. grey	13495.4	24
PK 500/12/5,08-V d. grey	10164.4	19	PK 500/18/5,00-V d. grey	12498.4	13	PK 500/23/10,00-V	13483.1	23
PK 500/13/10,00-H	13485.1	24	PK 500/18/5,08-H	12534.1	19	PK 500/23/10,00-V d. grey	13483.4	23
PK 500/13/10,00-H d. grey	13485.4	24	PK 500/18/5,08-H d. grey	12534.4	19	PK 500/23/10,16-H	13543.1	27
PK 500/13/10,00-V	13473.1	23	PK 500/18/5,08-V	12510.1	19	PK 500/23/10,16-H d. grey	13543.4	27
PK 500/13/10,00-V d. grey	13473.4	23	PK 500/18/5,08-V d. grey	12510.4	19	PK 500/23/10,16-V	13531.1	27
PK 500/13/10,16-H	13533.1	27	PK 500/19/10,00-H	13491.1	24	PK 500/23/10,16-V d. grey	13531.4	27
PK 500/13/10,16-H d. grey	13533.4	27	PK 500/19/10,00-H d. grey	13491.4	24	PK 500/23/5,00-H	12527.1	13
PK 500/13/10,16-V	13521.1	27	PK 500/19/10,00-V	13479.1	23	PK 500/23/5,00-H d. grey	12527.4	13
PK 500/13/10,16-V d. grey	13521.4	27	PK 500/19/10,00-V d. grey	13479.4	23	PK 500/23/5,00-V	12503.1	13
PK 500/13/5,00-H	12517.1	13	PK 500/19/10,16-H	13479.1	23	PK 500/23/5,00-V d. grey	12503.4	13
PK 500/13/5,00-H d. grey	12517.4	13	PK 500/19/10,16-H d. grey	13479.4	23	PK 500/23/5,08-H	12539.1	19
PK 500/13/5,00-V	12493.1	13	PK 500/19/10,16-V	13527.1	27	PK 500/23/5,08-H d. grey	12539.4	19
PK 500/13/5,00-V d. grey	12493.4	13	PK 500/19/10,16-V d. grey	13527.4	27	PK 500/23/5,08-V	12515.1	19
PK 500/13/5,08-H	12529.1	19	PK 500/19/5,00-H	12523.1	13	PK 500/23/5,08-V d. grey	12515.4	19
PK 500/13/5,08-H d. grey	12529.4	19	PK 500/19/5,00-H d. grey	12523.4	13	PK 500/24/10,00-H	13496.1	24
PK 500/13/5,08-V	12505.1	19	PK 500/19/5,00-V	12499.1	13	PK 500/24/10,00-H d. grey	13496.4	24
PK 500/13/5,08-V d. grey	12505.4	19	PK 500/19/5,00-V d. grey	12499.4	13	PK 500/24/10,00-V	13484.1	23

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PK 500/24/10,00-V d. grey	13484.4	23	PK 500/6/5,00-V-BL d. grey	10235.4	14	PK 550/2/3,50-V	10247.1	12
PK 500/24/10,16-H	13544.1	27	PK 500/6/5,08-H	10180.1	19	PK 550/2/3,50-V d. grey	10247.4	12
PK 500/24/10,16-H d. grey	13544.4	27	PK 500/6/5,08-H d. grey	10180.4	19	PK 550/2/7,00-H	10284.1	21
PK 500/24/10,16-V	13532.1	27	PK 500/6/5,08-V	10158.1	19	PK 550/2/7,00-H d. grey	10284.4	21
PK 500/24/10,16-V d. grey	13532.4	27	PK 500/6/5,08-V d. grey	10158.4	19	PK 550/2/7,00-V	10277.1	21
PK 500/24/5,00-H	12528.1	13	PK 500/7/10,00-H	10214.1	24	PK 550/2/7,00-V d. grey	10277.4	21
PK 500/24/5,00-H d. grey	12528.4	13	PK 500/7/10,00-H d. grey	10214.4	24	PK 550/3/3,50-H	10263.1	12
PK 500/24/5,00-V	12504.1	13	PK 500/7/10,00-V	10192.1	23	PK 550/3/3,50-H d. grey	10263.4	12
PK 500/24/5,00-V d. grey	12504.4	13	PK 500/7/10,00-V d. grey	10192.4	23	PK 550/3/3,50-V	10248.1	12
PK 500/24/5,08-H	12540.1	19	PK 500/7/10,16-H	10225.1	27	PK 550/3/3,50-V d. grey	10248.4	12
PK 500/24/5,08-H d. grey	12540.4	19	PK 500/7/10,16-H d. grey	10225.4	27	PK 550/3/7,00-H	10285.1	21
PK 500/24/5,08-V	12516.1	19	PK 500/7/10,16-V	10203.1	27	PK 550/3/7,00-H d. grey	10285.4	21
PK 500/24/5,08-V d. grey	12516.4	19	PK 500/7/10,16-V d. grey	10203.4	27	PK 550/3/7,00-V	10278.1	21
PK 500/3/10,00-H	10210.1	24	PK 500/7/5,00-H	10170.1	13	PK 550/3/7,00-V d. grey	10278.4	21
PK 500/3/10,00-H d. grey	10210.4	24	PK 500/7/5,00-H d. grey	10170.4	13	PK 550/4/3,50-H	10264.1	12
PK 500/3/10,00-V	10188.1	23	PK 500/7/5,00-H-BL	10718.1	14	PK 550/4/3,50-H d. grey	10264.4	12
PK 500/3/10,00-V d. grey	10188.4	23	PK 500/7/5,00-V	10148.1	13	PK 550/4/3,50-V	10249.1	12
PK 500/3/10,00-V-BL	10243.1	24	PK 500/7/5,00-V d. grey	10148.4	13	PK 550/4/3,50-V d. grey	10249.4	12
PK 500/3/10,00-V-BL d. grey	10243.4	24	PK 500/7/5,00-V-BL	10236.1	14	PK 550/4/7,00-H	10286.1	21
PK 500/3/10,16-H	10221.1	27	PK 500/7/5,00-V-BL d. grey	10236.4	14	PK 550/4/7,00-H d. grey	10286.4	21
PK 500/3/10,16-H d. grey	10221.4	27	PK 500/7/5,08-H	10181.1	19	PK 550/4/7,00-V	10279.1	21
PK 500/3/10,16-V	10199.1	27	PK 500/7/5,08-H d. grey	10181.4	19	PK 550/4/7,00-V d. grey	10279.4	21
PK 500/3/10,16-V d. grey	10199.4	27	PK 500/7/5,08-V	10159.1	19	PK 550/5/3,50-H	10265.1	12
PK 500/3/5,00-H	10166.1	13	PK 500/7/5,08-V d. grey	10159.4	19	PK 550/5/3,50-H d. grey	10265.4	12
PK 500/3/5,00-H d. grey	10166.4	13	PK 500/8/10,00-H	10215.1	24	PK 550/5/3,50-V	10250.1	12
PK 500/3/5,00-H-BL	10714.1	14	PK 500/8/10,00-H d. grey	10215.4	24	PK 550/5/3,50-V d. grey	10250.4	12
PK 500/3/5,00-V	10144.1	13	PK 500/8/10,00-V	10193.1	23	PK 550/5/7,00-H	10287.1	21
PK 500/3/5,00-V d. grey	10144.4	13	PK 500/8/10,00-V d. grey	10193.4	23	PK 550/5/7,00-H d. grey	10287.4	21
PK 500/3/5,00-V-BL	10232.1	14	PK 500/8/10,16-H	10226.1	27	PK 550/5/7,00-V	10280.1	21
PK 500/3/5,00-V-BL d. grey	10232.4	14	PK 500/8/10,16-H d. grey	10226.4	27	PK 550/5/7,00-V d. grey	10280.4	21
PK 500/3/5,08-H	10177.1	19	PK 500/8/10,16-V	10204.1	27	PK 550/6/3,50-H	10266.1	12
PK 500/3/5,08-H d. grey	10177.4	19	PK 500/8/10,16-V d. grey	10204.4	27	PK 550/6/3,50-H d. grey	10266.4	12
PK 500/3/5,08-V	10155.1	19	PK 500/8/5,00-H	10171.1	13	PK 550/6/3,50-V	10251.1	12
PK 500/3/5,08-V d. grey	10155.4	19	PK 500/8/5,00-H d. grey	10171.4	13	PK 550/6/3,50-V d. grey	10251.4	12
PK 500/4/10,00-H	10211.1	24	PK 500/8/5,00-H-BL	10719.1	14	PK 550/6/7,00-H	10288.1	21
PK 500/4/10,00-H d. grey	10211.4	24	PK 500/8/5,00-V	10149.1	13	PK 550/6/7,00-H d. grey	10288.4	21
PK 500/4/10,00-V	10189.1	23	PK 500/8/5,00-V d. grey	10149.4	13	PK 550/6/7,00-V	10281.1	21
PK 500/4/10,00-V d. grey	10189.4	23	PK 500/8/5,00-V-BL	10237.1	14	PK 550/6/7,00-V d. grey	10281.4	21
PK 500/4/10,00-V-BL	10244.1	24	PK 500/8/5,00-V-BL d. grey	10237.4	14	PK 550/7/3,50-H	10267.1	12
PK 500/4/10,00-V-BL d. grey	10244.4	24	PK 500/8/5,08-H	10182.1	19	PK 550/7/3,50-H d. grey	10267.4	12
PK 500/4/10,16-H	10222.1	27	PK 500/8/5,08-H d. grey	10182.4	19	PK 550/7/3,50-V	10252.1	12
PK 500/4/10,16-H d. grey	10222.4	27	PK 500/8/5,08-V	10160.1	19	PK 550/7/3,50-V d. grey	10252.4	12
PK 500/4/10,16-V	10200.1	27	PK 500/8/5,08-V d. grey	10160.4	19	PK 550/7/7,00-H	10289.1	21
PK 500/4/10,16-V d. grey	10200.4	27	PK 500/9/10,00-H	10216.1	24	PK 550/7/7,00-H d. grey	10289.4	21
PK 500/4/5,00-H	10167.1	13	PK 500/9/10,00-H d. grey	10216.4	24	PK 550/7/7,00-V	10282.1	21
PK 500/4/5,00-H d. grey	10167.4	13	PK 500/9/10,00-V	10194.1	23	PK 550/7/7,00-V d. grey	10282.4	21
PK 500/4/5,00-H-BL	10715.1	14	PK 500/9/10,00-V d. grey	10194.4	23	PK 550/8/3,50-H	10268.1	12
PK 500/4/5,00-V	10145.1	13	PK 500/9/10,16-H	10227.1	27	PK 550/8/3,50-H d. grey	10268.4	12
PK 500/4/5,00-V d. grey	10145.4	13	PK 500/9/10,16-H d. grey	10227.4	27	PK 550/8/3,50-V	10253.1	12
PK 500/4/5,00-V-BL	10233.1	14	PK 500/9/10,16-V	10205.1	27	PK 550/8/3,50-V d. grey	10253.4	12
PK 500/4/5,00-V-BL d. grey	10233.4	14	PK 500/9/10,16-V d. grey	10205.4	27	PK 550/8/7,00-H	10290.1	21
PK 500/4/5,08-H	10178.1	19	PK 500/9/5,00-H	10172.1	13	PK 550/8/7,00-H d. grey	10290.4	21
PK 500/4/5,08-H d. grey	10178.4	19	PK 500/9/5,00-H d. grey	10172.4	13	PK 550/8/7,00-V	10283.1	21
PK 500/4/5,08-V	10156.1	19	PK 500/9/5,00-H-BL	10720.1	14	PK 550/8/7,00-V d. grey	10283.4	21
PK 500/4/5,08-V d. grey	10156.4	19	PK 500/9/5,00-V	10150.1	13	PK 550/9/3,50-H	10269.1	12
PK 500/5/10,00-H	10212.1	24	PK 500/9/5,00-V d. grey	10150.4	13	PK 550/9/3,50-H d. grey	10269.4	12
PK 500/5/10,00-H d. grey	10212.4	24	PK 500/9/5,00-V-BL	10238.1	14	PK 550/9/3,50-V	10254.1	12
PK 500/5/10,00-V	10190.1	23	PK 500/9/5,00-V-BL d. grey	10238.4	14	PK 550/9/3,50-V d. grey	10254.4	12
PK 500/5/10,00-V d. grey	10190.4	23	PK 500/9/5,08-H	10183.1	19	PK 590/10/5,00	12863.1	15
PK 500/5/10,00-V-BL	10245.1	24	PK 500/9/5,08-H d. grey	10183.4	19	PK 590/11/5,00	12864.1	15
PK 500/5/10,00-V-BL d. grey	10245.4	24	PK 500/9/5,08-V	10161.1	19	PK 590/12/5,00	12865.1	15
PK 500/5/10,16-H	10223.1	27	PK 500/9/5,08-V d. grey	10161.4	19	PK 590/13/5,00	12866.1	15
PK 500/5/10,16-H d. grey	10223.4	27	PK 550/10/3,50-H	10270.1	12	PK 590/14/5,00	12867.1	15
PK 500/5/10,16-V	10201.1	27	PK 550/10/3,50-H d. grey	10270.4	12	PK 590/15/5,00	12868.1	15
PK 500/5/10,16-V d. grey	10201.4	27	PK 550/10/3,50-V	10255.1	12	PK 590/16/5,00	12869.1	15
PK 500/5/5,00-H	10168.1	13	PK 550/10/3,50-V d. grey	10255.4	12	PK 590/17/5,00	12870.1	15
PK 500/5/5,00-H d. grey	10168.4	13	PK 550/11/3,50-H	10271.1	12	PK 590/18/5,00	12871.1	15
PK 500/5/5,00-H-BL	10716.1	14	PK 550/11/3,50-H d. grey	10271.4	12	PK 590/19/5,00	12872.1	15
PK 500/5/5,00-V	10146.1	13	PK 550/11/3,50-V	10256.1	12	PK 590/2/5,00	12855.1	15
PK 500/5/5,00-V d. grey	10146.4	13	PK 550/11/3,50-V d. grey	10256.4	12	PK 590/20/5,00	12873.1	15
PK 500/5/5,00-V-BL	10234.1	14	PK 550/12/3,50-H	10272.1	12	PK 590/21/5,00	12874.1	15
PK 500/5/5,00-V-BL d. grey	10234.4	14	PK 550/12/3,50-H d. grey	10272.4	12	PK 590/22/5,00	12875.1	15
PK 500/5/5,08-H	10179.1	19	PK 550/12/3,50-V	10257.1	12	PK 590/23/5,00	12876.1	15
PK 500/5/5,08-H d. grey	10179.4	19	PK 550/12/3,50-V d. grey	10257.4	12	PK 590/24/5,00	12877.1	15
PK 500/5/5,08-V	10157.1	19	PK 550/13/3,50-H	10273.1	12	PK 590/3/5,00	12856.1	15
PK 500/5/5,08-V d. grey	10157.4	19	PK 550/13/3,50-H d. grey	10273.4	12	PK 590/4/5,00	12857.1	15
PK 500/6/10,00-H	10213.1	24	PK 550/13/3,50-V	10258.1	12	PK 590/5/5,00	12858.1	15
PK 500/6/10,00-H d. grey	10213.4	24	PK 550/13/3,50-V d. grey	10258.4	12	PK 590/6/5,00	12859.1	15
PK 500/6/10,00-V	10191.1	23	PK 550/14/3,50-H	10274.1	12	PK 590/7/5,00	12860.1	15
PK 500/6/10,00-V d. grey	10191.4	23	PK 550/14/3,50-H d. grey	10274.4	12	PK 590/8/5,00	12861.1	15
PK 500/6/10,00-V-BL	10246.1	24	PK 550/14/3,50-V	10259.1	12	PK 590/9/5,00	12862.1	15
PK 500/6/10,00-V-BL d. grey	10246.4	24	PK 550/14/3,50-V d. grey	10259.4	12	PK 700/10/5,00-H	10453.1	30
PK 500/6/10,16-H	10224.1	27	PK 550/15/3,50-H	10275.1	12	PK 700/10/5,00-H d. grey	10453.4	30
PK 500/6/10,16-H d. grey	10224.4	27	PK 550/15/3,50-H d. grey	10275.4	12	PK 700/10/5,00-V	10431.1	30
PK 500/6/10,16-V	10202.1	27	PK 550/15/3,50-V	10260.1	12	PK 700/10/5,00-V d. grey	10431.4	30
PK 500/6/10,16-V d. grey	10202.4	27	PK 550/15/3,50-V d. grey	10260.4	12	PK 700/10/5,08-H	10464.1	36
PK 500/6/5,00-H	10169.1	13	PK 550/16/3,50-H	10276.1	12	PK 700/10/5,08-H d. grey	10464.4	36
PK 500/6/5,00-H d. grey	10169.4	13	PK 550/16/3,50-H d. grey	10276.4	12	PK 700/10/5,08-V	10442.1	36
PK 500/6/5,00-H-BL	10717.1	14	PK 550/16/3,50-V	10261.1	12	PK 700/10/5,08-V d. grey	10442.4	36
PK 500/6/5,00-V	10147.1	13	PK 550/16/3,50-V d. grey	10261.4	12	PK 700/11/5,00-H	10454.1	30
PK 500/6/5,00-V d. grey	10147.4	13	PK 550/2/3,50-H	10262.1	12	PK 700/11/5,00-H d. grey	10454.4	30
PK 500/6/5,00-V-BL	10235.1	14	PK 550/2/3,50-H d. grey	10262.4	12	PK 700/11/5,00-V	10432.1	30



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PKB 1100/16/5,00	11300.1	76	PKB 130/2/10,00-BL	11200.1	71	PKB 1550/12/3,50	11387.1	72
PKB 1100/16/5,08	11319.1	78	PKB 130/2/10,00-BL d. grey	11200.4	71	PKB 1550/12/3,50-F	13727.1	72
PKB 1100/17/5,00	11301.1	76	PKB 130/2/10,16-BL	13643.1	71	PKB 1550/12/3,81	11406.1	73
PKB 1100/18/5,00	11302.1	76	PKB 130/2/10,16-BL d. grey	13643.4	71	PKB 1550/12/3,81-F	13744.1	73
PKB 1100/19/5,00	11303.1	76	PKB 130/2/5,00	11169.1	69	PKB 1550/13/3,50	11388.1	72
PKB 1100/2/5,00	11286.1	76	PKB 130/2/5,00-BL	11185.1	69	PKB 1550/13/3,50-F	13728.1	72
PKB 1100/2/5,08	11305.1	78	PKB 130/2/5,00-BL d. grey	11185.4	69	PKB 1550/13/3,81	11407.1	73
PKB 1100/20/5,00	11304.1	76	PKB 130/2/5,08-BL	13628.1	70	PKB 1550/13/3,81-F	13745.1	73
PKB 1100/3/5,00	11287.1	76	PKB 130/2/5,08-BL d. grey	13628.4	70	PKB 1550/14/3,50	11389.1	72
PKB 1100/3/5,08	11306.1	78	PKB 130/2/5,00 d. grey	11169.4	69	PKB 1550/14/3,50-F	13729.1	72
PKB 1100/4/5,00	11288.1	76	PKB 130/3/10,00	11181.1	70	PKB 1550/14/3,81	11408.1	73
PKB 1100/4/5,08	11307.1	78	PKB 130/3/10,00 d. grey	11181.4	70	PKB 1550/14/3,81-F	13746.1	73
PKB 1100/5/5,00	11289.1	76	PKB 130/3/10,00-BL	11201.1	71	PKB 1550/15/3,50	11390.1	72
PKB 1100/5/5,08	11308.1	78	PKB 130/3/10,00-BL d. grey	11201.4	71	PKB 1550/15/3,50-F	13730.1	72
PKB 1100/6/5,00	11290.1	76	PKB 130/3/10,16-BL	13644.1	71	PKB 1550/15/3,81	11409.1	73
PKB 1100/6/5,08	11309.1	78	PKB 130/3/10,16-BL d. grey	13644.4	71	PKB 1550/15/3,81-F	13747.1	73
PKB 1100/7/5,00	11291.1	76	PKB 130/3/5,00	11170.1	69	PKB 1550/16/3,50	11391.1	72
PKB 1100/7/5,08	11310.1	78	PKB 130/3/5,00 d. grey	11170.4	69	PKB 1550/16/3,50-F	13731.1	72
PKB 1100/8/5,00	11292.1	76	PKB 130/3/5,08-BL	11186.1	69	PKB 1550/16/3,81	11410.1	73
PKB 1100/8/5,08	11311.1	78	PKB 130/3/5,08-BL d. grey	11186.4	69	PKB 1550/16/3,81-F	13748.1	73
PKB 1100/9/5,00	11293.1	76	PKB 130/3/5,08-BL	13629.1	70	PKB 1550/17/3,50	11392.1	72
PKB 1100/9/5,08	11312.1	78	PKB 130/3/5,08-BL d. grey	13629.4	70	PKB 1550/17/3,50-F	13732.1	72
PKB 1110/10/5,00	11328.1	76	PKB 130/4/10,00	11182.1	70	PKB 1550/17/3,81	11381.1	73
PKB 1110/10/5,08	11347.1	78	PKB 130/4/10,00 d. grey	11182.4	70	PKB 1550/17/3,81-F	13749.1	73
PKB 1110/11/5,00	11329.1	76	PKB 130/4/10,00-BL	11202.1	71	PKB 1550/18/3,50	11393.1	72
PKB 1110/11/5,08	11348.1	78	PKB 130/4/10,00-BL d. grey	11202.4	71	PKB 1550/18/3,50-F	13733.1	72
PKB 1110/12/5,00	11330.1	76	PKB 130/4/10,16-BL	13645.1	71	PKB 1550/18/3,81	13982.1	73
PKB 1110/12/5,08	11349.1	78	PKB 130/4/10,16-BL d. grey	13645.4	71	PKB 1550/18/3,81-F	13750.1	73
PKB 1110/13/5,00	11331.1	76	PKB 130/4/5,00	11171.1	69	PKB 1550/19/3,50	11394.1	72
PKB 1110/13/5,08	11350.1	78	PKB 130/4/5,00 d. grey	11171.4	69	PKB 1550/19/3,50-F	13979.1	72
PKB 1110/14/5,00	11332.1	76	PKB 130/4/5,08-BL	11187.1	69	PKB 1550/19/3,81	13983.1	73
PKB 1110/14/5,08	11351.1	78	PKB 130/4/5,08-BL d. grey	11187.4	69	PKB 1550/19/3,81-F	13751.1	73
PKB 1110/15/5,00	11333.1	76	PKB 130/4/5,08-BL	13630.1	70	PKB 1550/20/3,50	11395.1	72
PKB 1110/15/5,08	11352.1	78	PKB 130/4/5,08-BL d. grey	13630.4	70	PKB 1550/20/3,50-F	13980.1	72
PKB 1110/16/5,00	11334.1	76	PKB 130/5/10,00	11183.1	70	PKB 1550/20/3,81	13984.1	73
PKB 1110/16/5,08	11353.1	78	PKB 130/5/10,00 d. grey	11183.4	70	PKB 1550/20/3,81-F	13752.1	73
PKB 1110/17/5,00	11335.1	76	PKB 130/5/10,00-BL	11203.1	71	PKB 1550/2/3,50	11377.1	72
PKB 1110/18/5,00	11336.1	76	PKB 130/5/10,00-BL d. grey	11203.4	71	PKB 1550/2/3,50-F	13717.1	72
PKB 1110/19/5,00	11337.1	76	PKB 130/5/10,16-BL	13646.1	71	PKB 1550/2/3,81	11396.1	73
PKB 1110/2/5,00	11320.1	76	PKB 130/5/10,16-BL d. grey	13646.4	71	PKB 1550/2/3,81-F	13734.1	73
PKB 1110/2/5,08	11339.1	78	PKB 130/5/5,00	11172.1	69	PKB 1550/3/3,50	11378.1	72
PKB 1110/20/5,00	11338.1	76	PKB 130/5/5,00 d. grey	11172.4	69	PKB 1550/3/3,50-F	13718.1	72
PKB 1110/3/5,00	11321.1	76	PKB 130/5/5,08-BL	11188.1	69	PKB 1550/3/3,81	11397.1	73
PKB 1110/3/5,08	11340.1	78	PKB 130/5/5,08-BL d. grey	11188.4	69	PKB 1550/3/3,81-F	13735.1	73
PKB 1110/4/5,00	11322.1	76	PKB 130/5/5,08-BL	13631.1	70	PKB 1550/4/3,50	11379.1	72
PKB 1110/4/5,08	11341.1	78	PKB 130/5/5,08-BL d. grey	13631.4	70	PKB 1550/4/3,50-F	13719.1	72
PKB 1110/5/5,00	11323.1	76	PKB 130/6/10,00	11184.1	70	PKB 1550/4/3,81	11398.1	73
PKB 1110/5/5,08	11342.1	78	PKB 130/6/10,00 d. grey	11184.4	70	PKB 1550/4/3,81-F	13736.1	73
PKB 1110/6/5,00	11324.1	76	PKB 130/6/10,00-BL	11204.1	71	PKB 1550/5/3,50	11380.1	72
PKB 1110/6/5,08	11343.1	78	PKB 130/6/10,00-BL d. grey	11204.4	71	PKB 1550/5/3,50-F	13720.1	72
PKB 1110/7/5,00	11325.1	76	PKB 130/6/10,16-BL	13647.1	71	PKB 1550/5/3,81	11399.1	73
PKB 1110/7/5,08	11344.1	78	PKB 130/6/10,16-BL d. grey	13647.4	71	PKB 1550/5/3,81-F	13737.1	73
PKB 1110/8/5,00	11326.1	76	PKB 130/6/5,00	11173.1	69	PKB 1550/6/3,50	11381.1	72
PKB 1110/8/5,08	11345.1	78	PKB 130/6/5,00 d. grey	11173.4	69	PKB 1550/6/3,50-F	13721.1	72
PKB 1110/9/5,00	11327.1	76	PKB 130/6/5,08-BL	11189.1	69	PKB 1550/6/3,81	11400.1	73
PKB 1110/9/5,08	11346.1	78	PKB 130/6/5,08-BL d. grey	11189.4	69	PKB 1550/6/3,81-F	13738.1	73
PKB 130/10/5,00	11177.1	69	PKB 130/6/5,08-BL	13632.1	70	PKB 1550/7/3,50	11382.1	72
PKB 130/10/5,00 d. grey	11177.4	69	PKB 130/6/5,08-BL d. grey	13632.4	70	PKB 1550/7/3,50-F	13722.1	72
PKB 130/10/5,00-BL	11193.1	69	PKB 130/7/10,00-BL	11205.1	71	PKB 1550/7/3,81	11401.1	73
PKB 130/10/5,00-BL d. grey	11193.4	69	PKB 130/7/10,00-BL d. grey	11205.4	71	PKB 1550/7/3,81-F	13739.1	73
PKB 130/10/5,08-BL	13636.1	70	PKB 130/7/10,16-BL	13648.1	71	PKB 1550/8/3,50	11383.1	72
PKB 130/10/5,08-BL d. grey	13636.4	70	PKB 130/7/10,16-BL d. grey	13648.4	71	PKB 1550/8/3,50-F	13723.1	72
PKB 130/11/5,00	11178.1	69	PKB 130/7/5,00	11174.1	69	PKB 1550/8/3,81	11402.1	73
PKB 130/11/5,00 d. grey	11178.4	69	PKB 130/7/5,00 d. grey	11174.4	69	PKB 1550/8/3,81-F	13740.1	73
PKB 130/11/5,00-BL	11194.1	69	PKB 130/7/5,00-BL	11190.1	69	PKB 1550/9/3,50	11384.1	72
PKB 130/11/5,00-BL d. grey	11194.4	69	PKB 130/7/5,00-BL d. grey	11190.4	69	PKB 1550/9/3,50-F	13724.1	72
PKB 130/11/5,08-BL	13637.1	70	PKB 130/7/5,08-BL	13633.1	70	PKB 1550/9/3,81	11403.1	73
PKB 130/11/5,08-BL d. grey	13637.4	70	PKB 130/7/5,08-BL d. grey	13633.4	70	PKB 1550/9/3,81-F	13741.1	73
PKB 130/12/5,00	11179.1	69	PKB 130/8/10,00-BL	11206.1	71	PKB 4350/2/3,50	13957.1	83
PKB 130/12/5,00 d. grey	11179.4	69	PKB 130/8/10,00-BL d. grey	11206.4	71	PKB 4350/2/3,50-G	13968.1	83
PKB 130/12/5,00-BL	11195.1	69	PKB 130/8/10,16-BL	13649.1	71	PKB 4350/3/3,50	13958.1	83
PKB 130/12/5,00-BL d. grey	11195.4	69	PKB 130/8/10,16-BL d. grey	13649.4	71	PKB 4350/3/3,50-G	13969.1	83
PKB 130/12/5,08-BL	13638.1	70	PKB 130/8/5,00	11175.1	69	PKB 4350/4/3,50	13959.1	83
PKB 130/12/5,08-BL d. grey	13638.4	70	PKB 130/8/5,00 d. grey	11175.4	69	PKB 4350/4/3,50-G	13970.1	83
PKB 130/13/5,00-BL	11196.1	69	PKB 130/8/5,00-BL	11191.1	69	PKB 4350/5/3,50	13960.1	83
PKB 130/13/5,00-BL d. grey	11196.4	69	PKB 130/8/5,00-BL d. grey	11191.4	69	PKB 4350/5/3,50-G	13971.1	83
PKB 130/13/5,08-BL	13639.1	70	PKB 130/8/5,08-BL	13634.1	70	PKB 4350/6/3,50	13961.1	83
PKB 130/13/5,08-BL d. grey	13639.4	70	PKB 130/8/5,08-BL d. grey	13634.4	70	PKB 4350/6/3,50-G	13972.1	83
PKB 130/14/5,00-BL	11197.1	69	PKB 130/9/5,00	11176.1	69	PKB 4350/7/3,50	13962.1	83
PKB 130/14/5,00-BL d. grey	11197.4	69	PKB 130/9/5,00 d. grey	11176.4	69	PKB 4350/7/3,50-G	13973.1	83
PKB 130/14/5,08-BL	13640.1	70	PKB 130/9/5,00-BL	11192.1	69	PKB 4350/8/3,50	13963.1	83
PKB 130/14/5,08-BL d. grey	13640.4	70	PKB 130/9/5,00-BL d. grey	11192.4	69	PKB 4350/8/3,50-G	13974.1	83
PKB 130/15/5,00-BL	11198.1	70	PKB 130/9/5,08-BL	13635.1	70	PKB 4350/9/3,50	13964.1	83
PKB 130/15/5,00-BL d. grey	11198.4	70	PKB 130/9/5,08-BL d. grey	13635.4	70	PKB 4350/9/3,50-G	13975.1	83
PKB 130/15/5,08-BL	13641.1	70	PKB 1550/10/3,50	11385.1	72	PKB 4350/10/3,50	13965.1	83
PKB 130/15/5,08-BL d. grey	13641.4	70	PKB 1550/10/3,50-F	13725.1	72	PKB 4350/10/3,50-G	13976.1	83
PKB 130/16/5,00-BL	11199.1	69	PKB 1550/10/3,81	11404.1	73	PKB 4350/11/3,50	13966.1	83
PKB 130/16/5,00-BL d. grey	11199.4	69	PKB 1550/10/3,81-F	13742.1	73	PKB 4350/11/3,50-G	13977.1	83
PKB 130/16/5,08-BL	13642.1	70	PKB 1550/11/3,50	11386.1	72	PKB 4350/12/3,50	13967.1	83
PKB 130/16/5,08-BL d. grey	13642.4	70	PKB 1550/11/3,50-F	13726.1	72	PKB 4350/12/3,50-G	13978.1	83
PKB 130/2/10,00	11180.1	70	PKB 1550/11/3,81	11405.1	73	PKB 950/10/5,00	11215.1	75

Types	Cat.-No.	Page	Types	Cat.-No.	Page	Types	Cat.-No.	Page
PKB 950/10/5,00-F	11276.1	75	PKB 960/11/7,62	11262.1	79	PKD 370/3/5,00-V	10413.1	31
PKB 950/10/5,08	11238.1	77	PKB 960/12/7,62	11263.1	79	PKD 370/3/5,00-V d. grey	10413.4	31
PKB 950/10/5,08-F	11285.1	77	PKB 960/13/7,62	11264.1	79	PKD 370/4/5,00-V	10414.1	31
PKB 950/11/5,00	11216.1	75	PKB 960/14/7,62	11265.1	79	PKD 370/4/5,00-V d. grey	10414.4	31
PKB 950/11/5,00-F	13226.1	75	PKB 960/15/7,62	11266.1	79	PKD 370/5/5,00-V	10415.1	31
PKB 950/11/5,08	11239.1	77	PKB 960/16/7,62	11267.1	79	PKD 370/5/5,00-V d. grey	10415.4	31
PKB 950/11/5,08-F	13212.1	77	PKB 960/2/7,62	11253.1	79	PKD 370/6/5,00-V	10416.1	31
PKB 950/12/5,00	11217.1	75	PKB 960/3/7,62	11254.1	79	PKD 370/6/5,00-V d. grey	10416.4	31
PKB 950/12/5,00-F	13227.1	75	PKB 960/4/7,62	11255.1	79	PKD 370/7/5,00-V	10417.1	31
PKB 950/12/5,08	11240.1	77	PKB 960/5/7,62	11256.1	79	PKD 370/7/5,00-V d. grey	10417.4	31
PKB 950/12/5,08-F	13213.1	77	PKB 960/6/7,62	11257.1	79	PKD 370/8/5,00-V	10418.1	31
PKB 950/13/5,00	11218.1	75	PKB 960/7/7,62	11258.1	79	PKD 370/8/5,00-V d. grey	10418.4	31
PKB 950/13/5,00-F	13228.1	75	PKB 960/8/7,62	11259.1	79	PKD 370/9/5,00-V	10419.1	31
PKB 950/13/5,08	11241.1	77	PKB 960/9/7,62	11260.1	79	PKD 370/9/5,00-V d. grey	10419.4	31
PKB 950/13/5,08-F	13214.1	77	PKBZ 1551/10/3,81	13047.1	74	PKD 750/10/5,00-V	10497.1	31
PKB 950/14/5,00	11219.1	75	PKBZ 1551/11/3,81	13048.1	74	PKD 750/10/5,00-V d. grey	10497.4	31
PKB 950/14/5,00-F	13229.1	75	PKBZ 1551/12/3,81	13049.1	74	PKD 750/10/5,08-V	10508.1	37
PKB 950/14/5,08	11242.1	77	PKBZ 1551/13/3,81	13050.1	74	PKD 750/10/5,08-V d. grey	10508.4	37
PKB 950/14/5,08-F	13215.1	77	PKBZ 1551/14/3,81	13051.1	74	PKD 750/11/5,00-V	10498.1	31
PKB 950/15/5,00	11220.1	75	PKBZ 1551/15/3,81	13052.1	74	PKD 750/11/5,00-V d. grey	10498.4	31
PKB 950/15/5,00-F	13230.1	75	PKBZ 1551/16/3,81	13053.1	74	PKD 750/11/5,08-V	10509.1	37
PKB 950/15/5,08	11243.1	77	PKBZ 1551/17/3,81	13054.1	74	PKD 750/11/5,08-V d. grey	10509.4	37
PKB 950/15/5,08-F	13216.1	77	PKBZ 1551/18/3,81	13055.1	74	PKD 750/12/5,00-V	10499.1	31
PKB 950/16/5,00	11221.1	75	PKBZ 1551/19/3,81	13056.1	74	PKD 750/12/5,00-V d. grey	10499.4	31
PKB 950/16/5,00-F	13231.1	75	PKBZ 1551/20/3,81	13039.1	74	PKD 750/12/5,08-V	10510.1	37
PKB 950/16/5,08	11244.1	77	PKBZ 1551/21/3,81	13057.1	74	PKD 750/12/5,08-V d. grey	10510.4	37
PKB 950/16/5,08-F	13217.1	77	PKBZ 1551/22/3,81	13058.1	74	PKD 750/13/5,00-V	12681.1	31
PKB 950/17/5,00	11222.1	75	PKBZ 1551/23/3,81	13059.1	74	PKD 750/13/5,00-V d. grey	12681.4	31
PKB 950/17/5,00-F	13232.1	75	PKBZ 1551/24/3,81	13060.1	74	PKD 750/13/5,08-V	12789.1	37
PKB 950/17/5,08	11245.1	77	PKBZ 1551/24/3,81	13061.1	74	PKD 750/13/5,08-V d. grey	12789.4	37
PKB 950/17/5,08-F	13218.1	77	PKBZ 1551/3/3,81	13040.1	74	PKD 750/14/5,00-V	12682.1	31
PKB 950/18/5,00	11223.1	75	PKBZ 1551/4/3,81	13041.1	74	PKD 750/14/5,00-V d. grey	12682.4	31
PKB 950/18/5,00-F	13233.1	75	PKBZ 1551/5/3,81	13042.1	74	PKD 750/14/5,08-V	12790.1	37
PKB 950/18/5,08	11246.1	77	PKBZ 1551/6/3,81	13043.1	74	PKD 750/14/5,08-V d. grey	12790.4	37
PKB 950/18/5,08-F	13219.1	77	PKBZ 1551/7/3,81	13044.1	74	PKD 750/15/5,00-V	12683.1	31
PKB 950/19/5,00	11224.1	75	PKBZ 1551/8/3,81	13045.1	74	PKD 750/15/5,00-V d. grey	12683.4	31
PKB 950/19/5,00-F	13234.1	75	PKBZ 1551/9/3,81	13046.1	74	PKD 750/15/5,08-V	12791.1	37
PKB 950/19/5,08	11247.1	77	PKBZ 1552/10/3,81	13070.1	74	PKD 750/15/5,08-V d. grey	12791.4	37
PKB 950/19/5,08-F	13220.1	77	PKBZ 1552/11/3,81	13071.1	74	PKD 750/16/5,00-V	12684.1	31
PKB 950/2/5,00	11207.1	75	PKBZ 1552/12/3,81	13072.1	74	PKD 750/16/5,00-V d. grey	12684.4	31
PKB 950/2/5,00-F	11268.1	75	PKBZ 1552/13/3,81	13073.1	74	PKD 750/16/5,08-V	12792.1	37
PKB 950/2/5,08	11230.1	77	PKBZ 1552/14/3,81	13074.1	74	PKD 750/16/5,08-V d. grey	12792.4	37
PKB 950/2/5,08-F	11277.1	77	PKBZ 1552/15/3,81	13075.1	74	PKD 750/17/5,00-V	12685.1	31
PKB 950/20/5,00	11225.1	75	PKBZ 1552/16/3,81	13076.1	74	PKD 750/17/5,00-V d. grey	12685.4	31
PKB 950/20/5,00-F	13235.1	75	PKBZ 1552/17/3,81	13077.1	74	PKD 750/17/5,08-V	12793.1	37
PKB 950/20/5,08	11248.1	77	PKBZ 1552/18/3,81	13078.1	74	PKD 750/17/5,08-V d. grey	12793.4	37
PKB 950/20/5,08-F	13221.1	77	PKBZ 1552/19/3,81	13079.1	74	PKD 750/18/5,00-V	12686.1	31
PKB 950/21/5,00	11226.1	75	PKBZ 1552/20/3,81	13062.1	74	PKD 750/18/5,00-V d. grey	12686.4	31
PKB 950/21/5,00-F	13236.1	75	PKBZ 1552/21/3,81	13080.1	74	PKD 750/18/5,08-V	12794.1	37
PKB 950/21/5,08	11249.1	77	PKBZ 1552/22/3,81	13081.1	74	PKD 750/18/5,08-V d. grey	12794.4	37
PKB 950/21/5,08-F	13222.1	77	PKBZ 1552/23/3,81	13082.1	74	PKD 750/19/5,00-V	12687.1	31
PKB 950/22/5,00	11227.1	75	PKBZ 1552/24/3,81	13083.1	74	PKD 750/19/5,00-V d. grey	12687.4	31
PKB 950/22/5,00-F	13237.1	75	PKBZ 1552/3/3,81	13084.1	74	PKD 750/19/5,08-V	12795.1	37
PKB 950/22/5,08	11250.1	77	PKBZ 1552/4/3,81	13063.1	74	PKD 750/19/5,08-V d. grey	12795.4	37
PKB 950/22/5,08-F	13223.1	77	PKBZ 1552/5/3,81	13064.1	74	PKD 750/2/5,00-V	10489.1	31
PKB 950/23/5,00	11228.1	75	PKBZ 1552/6/3,81	13065.1	74	PKD 750/2/5,00-V d. grey	10489.4	31
PKB 950/23/5,00-F	13238.1	75	PKBZ 1552/7/3,81	13066.1	74	PKD 750/2/5,08-V	10500.1	37
PKB 950/23/5,08	11251.1	77	PKBZ 1552/8/3,81	13067.1	74	PKD 750/2/5,08-V d. grey	10500.4	37
PKB 950/23/5,08-F	13707.1	77	PKBZ 1552/9/3,81	13068.1	74	PKD 750/20/5,00-V	12688.1	31
PKB 950/24/5,00	11229.1	75	PKBZ 1552/10/3,81	13069.1	74	PKD 750/20/5,00-V d. grey	12688.4	31
PKB 950/24/5,00-F	13239.1	75	PKD 370/10/5,00-V	10420.1	31	PKD 750/20/5,08-V	12796.1	37
PKB 950/24/5,08	11252.1	77	PKD 370/10/5,00-V d. grey	10420.4	31	PKD 750/20/5,08-V d. grey	12796.4	37
PKB 950/24/5,08-F	13708.1	77	PKD 370/11/5,00-V	10421.1	31	PKD 750/21/5,00-V	12689.1	31
PKB 950/3/5,00	11208.1	75	PKD 370/11/5,00-V d. grey	10421.4	31	PKD 750/21/5,00-V d. grey	12689.4	31
PKB 950/3/5,00-F	11269.1	75	PKD 370/12/5,00-V	10422.1	31	PKD 750/21/5,08-V	12797.1	37
PKB 950/3/5,08	11231.1	77	PKD 370/12/5,00-V d. grey	10422.4	31	PKD 750/21/5,08-V d. grey	12797.4	37
PKB 950/3/5,08-F	11278.1	77	PKD 370/13/5,00-V	12589.1	31	PKD 750/22/5,00-V	12690.1	31
PKB 950/4/5,00	11209.1	75	PKD 370/13/5,00-V d. grey	12589.4	31	PKD 750/22/5,00-V d. grey	12690.4	31
PKB 950/4/5,00-F	11270.1	75	PKD 370/14/5,00-V	12590.1	31	PKD 750/22/5,08-V	12798.1	37
PKB 950/4/5,08	11232.1	77	PKD 370/14/5,00-V d. grey	12590.4	31	PKD 750/22/5,08-V d. grey	12798.4	37
PKB 950/4/5,08-F	11279.1	77	PKD 370/15/5,00-V	12591.1	31	PKD 750/23/5,00-V	12691.1	31
PKB 950/5/5,00	11210.1	75	PKD 370/15/5,00-V d. grey	12591.4	31	PKD 750/23/5,00-V d. grey	12691.4	31
PKB 950/5/5,00-F	11271.1	75	PKD 370/16/5,00-V	12592.1	31	PKD 750/23/5,08-V	12799.1	37
PKB 950/5/5,08	11233.1	77	PKD 370/16/5,00-V d. grey	12592.4	31	PKD 750/23/5,08-V d. grey	12799.4	37
PKB 950/5/5,08-F	11280.1	77	PKD 370/17/5,00-V	12593.1	31	PKD 750/24/5,00-V	12692.1	31
PKB 950/6/5,00	11211.1	75	PKD 370/17/5,00-V d. grey	12593.4	31	PKD 750/24/5,00-V d. grey	12692.4	31
PKB 950/6/5,00-F	11272.1	75	PKD 370/18/5,00-V	12594.1	31	PKD 750/24/5,08-V	12800.1	37
PKB 950/6/5,08	11234.1	77	PKD 370/18/5,00-V d. grey	12594.4	31	PKD 750/24/5,08-V d. grey	12800.4	37
PKB 950/6/5,08-F	11281.1	77	PKD 370/19/5,00-V	12595.1	31	PKD 750/3/5,00-V	10490.1	31
PKB 950/7/5,00	11212.1	75	PKD 370/19/5,00-V d. grey	12595.4	31	PKD 750/3/5,00-V d. grey	10490.4	31
PKB 950/7/5,00-F	11273.1	75	PKD 370/2/5,00-V	10412.1	31	PKD 750/3/5,08-V	10501.1	37
PKB 950/7/5,08	11235.1	77	PKD 370/2/5,00-V d. grey	10412.4	31	PKD 750/3/5,08-V d. grey	10501.4	37
PKB 950/7/5,08-F	11282.1	77	PKD 370/20/5,00-V	12596.1	31	PKD 750/4/5,00-V	10491.1	31
PKB 950/8/5,00	11213.1	75	PKD 370/20/5,00-V d. grey	12596.4	31	PKD 750/4/5,00-V d. grey	10491.4	31
PKB 950/8/5,00-F	11274.1	75	PKD 370/21/5,00-V	12597.1	31	PKD 750/4/5,08-V	10502.1	37
PKB 950/8/5,08	11236.1	77	PKD 370/21/5,00-V d. grey	12597.4	31	PKD 750/4/5,08-V d. grey	10502.4	37
PKB 950/8/5,08-F	11283.1	77	PKD 370/22/5,00-V	12598.1	31	PKD 750/5/5,00-V	10492.1	31
PKB 950/9/5,00	11214.1	75	PKD 370/22/5,00-V d. grey	12598.4	31	PKD 750/5/5,00-V d. grey	10492.4	31
PKB 950/9/5,00-F	11275.1	75	PKD 370/23/5,00-V	12599.1	31	PKD 750/5/5,08-V	10503.1	37
PKB 950/9/5,08	11237.1	77	PKD 370/23/5,00-V d. grey	12599.4	31	PKD 750/5/5,08-V d. grey	10503.4	37
PKB 950/9/5,08-F	11284.1	77	PKD 370/24/5,00-V	12600.1	31	PKD 750/6/5,00-V	10493.1	31
PKB 960/10/7,62	11261.1	79	PKD 370/24/5,00-V d. grey	12600.4	31	PKD 750/6/5,00-V d. grey	10493.4	31











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STL 1550/6/3,81-H-G	11934.1	92	STL 950/10/5,08-H-F	11798.1	102	STL 950/18/5,00-V	11531.1	96
STL 1550/6/3,81-V-F	13791.1	93	STL 950/10/5,08-H-G	11684.1	101	STL 950/18/5,00-V-F	13247.1	98
STL 1550/6/3,81-V-G	11900.1	92	STL 950/10/5,08-V	11546.1	100	STL 950/18/5,00-V-G	11623.1	99
STL 1550/7/3,50-H-F	13775.1	91	STL 950/10/5,08-V-F	12218.1	102	STL 950/18/5,08-H	11600.1	100
STL 1550/7/3,50-H-G	11916.1	90	STL 950/10/5,08-V-G	11638.1	101	STL 950/18/5,08-H-F	13275.1	102
STL 1550/7/3,50-V-F	13758.1	91	STL 950/11/5,00-H	11570.1	96	STL 950/18/5,08-H-G	11692.1	101
STL 1550/7/3,50-V-G	11882.1	90	STL 950/11/5,00-H-F	13254.1	98	STL 950/18/5,08-V	11554.1	100
STL 1550/7/3,81-H-F	13811.1	93	STL 950/11/5,00-H-G	11662.1	97	STL 950/18/5,08-V-F	13205.1	102
STL 1550/7/3,81-H-G	11935.1	92	STL 950/11/5,00-V	11524.1	96	STL 950/18/5,08-V-G	11646.1	101
STL 1550/7/3,81-V-F	13792.1	93	STL 950/11/5,00-V-F	13240.1	98	STL 950/19/5,00-H	11578.1	96
STL 1550/7/3,81-V-G	11901.1	92	STL 950/11/5,00-V-G	11616.1	99	STL 950/19/5,00-H-F	13262.1	98
STL 1550/8/3,50-H-F	13776.1	91	STL 950/11/5,08-H	11593.1	100	STL 950/19/5,00-H-G	11670.1	97
STL 1550/8/3,50-H-G	11917.1	90	STL 950/11/5,08-H-F	13268.1	102	STL 950/19/5,00-V	11532.1	96
STL 1550/8/3,50-V-F	13759.1	91	STL 950/11/5,08-H-G	11685.1	101	STL 950/19/5,00-V-F	13248.1	98
STL 1550/8/3,50-V-G	11883.1	90	STL 950/11/5,08-V	11547.1	100	STL 950/19/5,00-V-G	11624.1	99
STL 1550/8/3,81-H-F	13812.1	93	STL 950/11/5,08-V-F	13198.1	102	STL 950/19/5,08-H	11601.1	100
STL 1550/8/3,81-H-G	11936.1	92	STL 950/11/5,08-V-G	11639.1	101	STL 950/19/5,08-H-F	13276.1	102
STL 1550/8/3,81-V-F	13793.1	93	STL 950/12/5,00-H	11571.1	96	STL 950/19/5,08-H-G	11693.1	101
STL 1550/8/3,81-V-G	11902.1	92	STL 950/12/5,00-H-F	13255.1	98	STL 950/19/5,08-V	11555.1	100
STL 1550/9/3,50-H-F	13777.1	91	STL 950/12/5,00-H-G	11663.1	97	STL 950/19/5,08-V-F	13206.1	102
STL 1550/9/3,50-H-G	11918.1	90	STL 950/12/5,00-V	11525.1	96	STL 950/19/5,08-V-G	11647.1	101
STL 1550/9/3,50-V-F	13760.1	91	STL 950/12/5,00-V-F	13241.1	98	STL 950/2/5,00-H	11561.1	96
STL 1550/9/3,50-V-G	11884.1	90	STL 950/12/5,00-V-G	11617.1	99	STL 950/2/5,00-H-F	11781.1	98
STL 1550/9/3,81-H-F	13813.1	93	STL 950/12/5,08-H	11594.1	100	STL 950/2/5,00-H-G	11653.1	97
STL 1550/9/3,81-H-G	11937.1	92	STL 950/12/5,08-H-G	11686.1	101	STL 950/2/5,00-V	11515.1	96
STL 1550/9/3,81-V-F	13794.1	93	STL 950/12/5,08-V	11548.1	100	STL 950/2/5,00-V-F	12201.1	98
STL 1550/9/3,81-V-G	11903.1	92	STL 950/12/5,08-V-F	13199.1	102	STL 950/2/5,00-V-G	11607.1	99
STL 1570/10/3,81-H-G	11972.1	95	STL 950/12/5,08-V-G	11640.1	101	STL 950/2/5,08-G-L	13154.1	119
STL 1570/10/3,81-V-G	11953.1	95	STL 950/12/5,08-H-F	13269.1	102	STL 950/2/5,08-H	11584.1	100
STL 1570/11/3,81-H-G	11973.1	95	STL 950/13/5,00-H	11572.1	96	STL 950/2/5,08-H-F	11790.1	102
STL 1570/11/3,81-V-G	11954.1	95	STL 950/13/5,00-H-F	13256.1	98	STL 950/2/5,08-H-G	11676.1	101
STL 1570/12/3,81-H-G	11974.1	95	STL 950/13/5,00-H-G	11664.1	97	STL 950/2/5,08-V	11538.1	100
STL 1570/12/3,81-V-G	11955.1	95	STL 950/13/5,00-V	11526.1	96	STL 950/2/5,08-V-F	12210.1	102
STL 1570/13/3,81-H-F	11975.1	95	STL 950/13/5,00-V-F	13242.1	98	STL 950/2/5,08-V-G	11630.1	101
STL 1570/13/3,81-V-G	11956.1	95	STL 950/13/5,00-V-G	11618.1	99	STL 950/2/5,08-V-G-L	13871.1	119
STL 1570/14/3,81-H-G	11976.1	95	STL 950/13/5,08-H	11595.1	100	STL 950/20/5,00-H	11579.1	96
STL 1570/14/3,81-V-G	11957.1	95	STL 950/13/5,08-H-F	13270.1	102	STL 950/20/5,00-H-F	13263.1	98
STL 1570/15/3,81-H-G	11977.1	95	STL 950/13/5,08-H-G	11687.1	101	STL 950/20/5,00-H-G	11671.1	97
STL 1570/15/3,81-V-G	11958.1	95	STL 950/13/5,08-V	11549.1	100	STL 950/20/5,00-V	11533.1	96
STL 1570/16/3,81-H-G	11978.1	95	STL 950/13/5,08-V-F	13200.1	102	STL 950/20/5,00-V-F	13249.1	98
STL 1570/16/3,81-V-G	11959.1	95	STL 950/13/5,08-V-G	11641.1	101	STL 950/20/5,00-V-G	11625.1	99
STL 1570/17/3,81-H-G	11979.1	95	STL 950/14/5,00-H	11573.1	96	STL 950/20/5,08-H	11602.1	100
STL 1570/17/3,81-V-G	11960.1	95	STL 950/14/5,00-H-F	13257.1	98	STL 950/20/5,08-H-F	13277.1	102
STL 1570/18/3,81-H-G	11980.1	95	STL 950/14/5,00-H-G	11665.1	97	STL 950/20/5,08-H-G	11694.1	101
STL 1570/18/3,81-V-G	11961.1	95	STL 950/14/5,00-V	11527.1	96	STL 950/20/5,08-V	11556.1	100
STL 1570/19/3,81-H-G	11981.1	95	STL 950/14/5,00-V-F	13243.1	98	STL 950/20/5,08-V-F	13207.1	102
STL 1570/19/3,81-V-G	11962.1	95	STL 950/14/5,00-V-G	11619.1	99	STL 950/20/5,08-V-G	11648.1	101
STL 1570/2/3,81-H-G	11964.1	95	STL 950/14/5,08-H	11596.1	100	STL 950/21/5,00-H	11580.1	96
STL 1570/2/3,81-V-G	11945.1	95	STL 950/14/5,08-H-F	13271.1	102	STL 950/21/5,00-H-F	13264.1	98
STL 1570/20/3,81-H-G	11982.1	95	STL 950/14/5,08-H-G	11688.1	101	STL 950/21/5,00-H-G	11672.1	97
STL 1570/20/3,81-V-G	11963.1	95	STL 950/14/5,08-V	11550.1	100	STL 950/21/5,00-V	11534.1	96
STL 1570/3/3,81-H-G	11965.1	95	STL 950/14/5,08-V-F	13201.1	102	STL 950/21/5,00-V-F	13250.1	98
STL 1570/3/3,81-V-G	11946.1	95	STL 950/14/5,08-V-G	11642.1	101	STL 950/21/5,00-V-G	11626.1	99
STL 1570/4/3,81-H-G	11966.1	95	STL 950/15/5,00-H	11574.1	96	STL 950/21/5,08-H	11603.1	100
STL 1570/4/3,81-V-G	11947.1	95	STL 950/15/5,00-H-F	13258.1	98	STL 950/21/5,08-H-F	13278.1	102
STL 1570/5/3,81-H-G	11967.1	95	STL 950/15/5,00-H-G	11666.1	97	STL 950/21/5,08-H-G	11695.1	101
STL 1570/5/3,81-V-G	11948.1	95	STL 950/15/5,00-V	11528.1	96	STL 950/21/5,08-V	11557.1	100
STL 1570/6/3,81-H-G	11968.1	95	STL 950/15/5,00-V-F	13244.1	98	STL 950/21/5,08-V-F	13208.1	102
STL 1570/6/3,81-V-G	11949.1	95	STL 950/15/5,00-V-G	11620.1	99	STL 950/21/5,08-V-G	11649.1	101
STL 1570/7/3,81-H-G	11969.1	95	STL 950/15/5,08-H	11597.1	100	STL 950/22/5,00-H	11581.1	96
STL 1570/7/3,81-V-G	11950.1	95	STL 950/15/5,08-H-F	13272.1	102	STL 950/22/5,00-H-F	13265.1	98
STL 1570/8/3,81-H-G	11970.1	95	STL 950/15/5,08-H-G	11689.1	101	STL 950/22/5,00-H-G	11673.1	97
STL 1570/8/3,81-V-G	11951.1	95	STL 950/15/5,08-V	11551.1	100	STL 950/22/5,00-V	11535.1	96
STL 1570/9/3,81-H-G	11971.1	95	STL 950/15/5,08-V-F	13202.1	102	STL 950/22/5,00-V-F	13251.1	98
STL 1570/9/3,81-V-G	11952.1	95	STL 950/15/5,08-V-G	11643.1	101	STL 950/22/5,00-V-G	11627.1	99
STL 1590/10/3,81-G	11991.1	94	STL 950/16/5,00-H	11575.1	96	STL 950/22/5,08-H	11604.1	100
STL 1590/11/3,81-G	11992.1	94	STL 950/16/5,00-H-F	13259.1	98	STL 950/22/5,08-H-F	13279.1	102
STL 1590/12/3,81-G	11993.1	94	STL 950/16/5,00-H-G	11667.1	97	STL 950/22/5,08-H-G	11696.1	101
STL 1590/13/3,81-G	11994.1	94	STL 950/16/5,00-V	11529.1	96	STL 950/22/5,08-V	11558.1	100
STL 1590/14/3,81-G	11995.1	94	STL 950/16/5,00-V-F	13245.1	98	STL 950/22/5,08-V-F	13209.1	102
STL 1590/15/3,81-G	11996.1	94	STL 950/16/5,00-V-G	11621.1	99	STL 950/22/5,08-V-G	11650.1	101
STL 1590/16/3,81-G	11997.1	94	STL 950/16/5,08-H	11598.1	100	STL 950/23/5,00-H	11582.1	96
STL 1590/17/3,81-G	11998.1	94	STL 950/16/5,08-H-F	13273.1	102	STL 950/23/5,00-H-F	13266.1	98
STL 1590/18/3,81-G	11999.1	94	STL 950/16/5,08-H-G	11690.1	101	STL 950/23/5,00-H-G	11674.1	97
STL 1590/19/3,81-G	12000.1	94	STL 950/16/5,08-V	11552.1	100	STL 950/23/5,00-V	11536.1	96
STL 1590/2/3,81-G	11983.1	94	STL 950/16/5,08-V-F	13203.1	102	STL 950/23/5,00-V-F	13252.1	98
STL 1590/20/3,81-G	12001.1	94	STL 950/16/5,08-V-G	11644.1	101	STL 950/23/5,00-V-G	11628.1	99
STL 1590/3/3,81-G	11984.1	94	STL 950/17/5,00-H	11576.1	96	STL 950/23/5,08-H	11605.1	100
STL 1590/4/3,81-G	11985.1	94	STL 950/17/5,00-H-F	13260.1	98	STL 950/23/5,08-H-F	13280.1	102
STL 1590/5/3,81-G	11986.1	94	STL 950/17/5,00-H-G	11668.1	97	STL 950/23/5,08-H-G	11697.1	101
STL 1590/6/3,81-G	11987.1	94	STL 950/17/5,00-V	11530.1	96	STL 950/23/5,08-V	11559.1	100
STL 1590/7/3,81-G	11988.1	94	STL 950/17/5,00-V-F	13246.1	98	STL 950/23/5,08-V-F	13210.1	102
STL 1590/8/3,81-G	11989.1	94	STL 950/17/5,00-V-G	11622.1	99	STL 950/23/5,08-V-G	11651.1	101
STL 1590/9/3,81-G	11990.1	94	STL 950/17/5,08-H	11599.1	100	STL 950/24/5,00-H	11583.1	96
STL 950/10/5,00-H	11569.1	96	STL 950/17/5,08-H-F	13274.1	102	STL 950/24/5,00-H-F	13274.1	98
STL 950/10/5,00-H-F	11789.1	98	STL 950/17/5,08-H-G	11691.1	101	STL 950/24/5,00-H-G	11675.1	97
STL 950/10/5,00-H-G	11661.1	97	STL 950/17/5,08-V	11553.1	100	STL 950/24/5,00-V	11537.1	96
STL 950/10/5,00-V	11523.1	96	STL 950/17/5,08-V-F	13204.1	102	STL 950/24/5,00-V-F	13253.1	98
STL 950/10/5,00-V-F	12209.1	98	STL 950/17/5,08-V-G	11645.1	101	STL 950/24/5,00-V-G	11629.1	99
STL 950/10/5,00-V-G	11615.1	99	STL 950/18/5,00-H	11577.1	96	STL 950/24/5,08-H	11606.1	100
STL 950/10/5,08-G-L	13162.1	119	STL 950/18/5,00-H-F	13261.1	98	STL 950/24/5,08-H-F	13281.1	102
STL 950/10/5,08-H	11592.1	100	STL 950/18/5,00-H-G	11669.1	97	STL 950/24/5,08-H-G	11698.1	101







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5224.3	PKDR 2,5/24/5,00	33	10028.1	PK 100/7/10,00-V	25	10074.1	PK 100/4/10,00-H-BL	26
5304.1	PKDL 2,5/4/5,08 green	37	10028.4	PK 100/7/10,00-V d. grey	25	10074.4	PK 100/4/10,00-H-BL d. grey	26
5304.3	PKDR 2,5/4/5,08	37	10029.1	PK 100/8/10,00-V	25	10075.1	PK 100/5/10,00-H-BL	26
5306.1	PKDL 2,5/6/5,08 green	37	10029.4	PK 100/8/10,00-V d. grey	25	10075.4	PK 100/5/10,00-H-BL d. grey	26
5306.3	PKDR 2,5/6/5,08	37	10030.1	PK 100/9/10,00-V	25	10076.1	PK 100/6/10,00-H-BL	26
5308.1	PKDL 2,5/8/5,08 green	37	10030.4	PK 100/9/10,00-V d. grey	25	10076.4	PK 100/6/10,00-H-BL d. grey	26
5308.3	PKDR 2,5/8/5,08	37	10031.1	PK 100/10/10,00-V	25	10077.1	PK 104/2/5,00-V	18
5310.1	PKDL 2,5/10/5,08 green	37	10031.4	PK 100/10/10,00-V d. grey	25	10077.4	PK 104/2/5,00-V d. grey	18
5310.3	PKDR 2,5/10/5,08	37	10032.1	PK 100/11/10,00-V	25	10078.1	PK 104/3/5,00-V	18
5312.1	PKDL 2,5/12/5,08 green	37	10032.4	PK 100/11/10,00-V d. grey	25	10078.4	PK 104/3/5,00-V d. grey	18
5312.3	PKDR 2,5/12/5,08	37	10033.1	PK 100/12/10,00-V	25	10079.1	PK 104/4/5,00-V	18
5314.1	PKDL 2,5/14/5,08 green	37	10033.4	PK 100/12/10,00-V d. grey	25	10079.4	PK 104/4/5,00-V d. grey	18
5314.3	PKDR 2,5/14/5,08	37	10034.1	PK 100/2/10,00-H	25	10080.1	PK 104/5/5,00-V	18
5316.1	PKDL 2,5/16/5,08 green	37	10034.4	PK 100/2/10,00-H d. grey	25	10080.4	PK 104/5/5,00-V d. grey	18
5316.3	PKDR 2,5/16/5,08	37	10035.1	PK 100/3/10,00-H	25	10081.1	PK 104/6/5,00-V	18
5318.1	PKDL 2,5/18/5,08 green	37	10035.4	PK 100/3/10,00-H d. grey	25	10081.4	PK 104/6/5,00-V d. grey	18
5318.3	PKDR 2,5/18/5,08	37	10036.1	PK 100/4/10,00-H	25	10082.1	PK 104/7/5,00-V	18
5320.1	PKDL 2,5/20/5,08 green	37	10036.4	PK 100/4/10,00-H d. grey	25	10082.4	PK 104/7/5,00-V d. grey	18
5320.3	PKDR 2,5/20/5,08	37	10037.1	PK 100/5/10,00-H	25	10083.1	PK 104/8/5,00-V	18
5322.1	PKDL 2,5/22/5,08 green	37	10037.4	PK 100/5/10,00-H d. grey	25	10083.4	PK 104/8/5,00-V d. grey	18
5322.3	PKDR 2,5/22/5,08	37	10038.1	PK 100/6/10,00-H	25	10084.1	PK 104/9/5,00-V	18
5324.1	PKDL 2,5/24/5,08 green	37	10038.4	PK 100/6/10,00-H d. grey	25	10084.4	PK 104/9/5,00-V d. grey	18
5324.3	PKDR 2,5/24/5,08	37	10039.1	PK 100/7/10,00-H	25	10085.1	PK 104/10/5,00-V	18
5675.3	RS-SP 0 orange	131	10039.4	PK 100/7/10,00-H d. grey	25	10085.4	PK 104/10/5,00-V d. grey	18
5680.3	RS-SP 1 orange	131	10040.1	PK 100/8/10,00-H	25	10086.1	PK 104/11/5,00-V	18
5681.3	AP 1/TS orange	131	10040.4	PK 100/8/10,00-H d. grey	25	10086.4	PK 104/11/5,00-V d. grey	18
5682.3	AP 1/D orange	131	10041.1	PK 100/9/10,00-H	25	10087.1	PK 104/12/5,00-V	18
5683.3	RF/SP 1 orange	131	10041.4	PK 100/9/10,00-H d. grey	25	10087.4	PK 104/12/5,00-V d. grey	18
5690.3	RS-SP 2 orange	131	10042.1	PK 100/10/10,00-H	25	10088.1	PK 114/2/7,50-V	23
5691.3	AP 2/TS orange	131	10042.4	PK 100/10/10,00-H d. grey	25	10088.4	PK 114/2/7,50-V d. grey	23
5692.3	AP 2/D orange	131	10043.1	PK 100/11/10,00-H	25	10089.1	PK 114/3/7,50-V	23
5693.3	RF/SP 2 orange	131	10043.4	PK 100/11/10,00-H d. grey	25	10089.4	PK 114/3/7,50-V d. grey	23
5891.0	AP/AD 1	131	10044.1	PK 100/12/10,00-H	25	10090.1	PK 114/4/7,50-V	23
5893.0	AD 1	131	10044.4	PK 100/12/10,00-H d. grey	25	10090.4	PK 114/4/7,50-V d. grey	23
5894.0	AD 2	131	10045.1	PK 100/2/5,00-V-BL	17	10091.1	PK 114/5/7,50-V	23
5895.0	AP/AD 2	131	10045.4	PK 100/2/5,00-V-BL d. grey	17	10091.4	PK 114/5/7,50-V d. grey	23
	<b>10 000</b>		10046.1	PK 100/3/5,00-V-BL	17	10092.1	PK 114/6/7,50-V	23
10001.1	PK 100/2/5,00-V	16	10046.4	PK 100/3/5,00-V-BL d. grey	17	10092.4	PK 114/6/7,50-V d. grey	23
10001.4	PK 100/2/5,00-V d. grey	16	10047.1	PK 100/4/5,00-V-BL	17	10093.1	PK 114/7/7,50-V	23
10002.1	PK 100/3/5,00-V	16	10047.4	PK 100/4/5,00-V-BL d. grey	17	10093.4	PK 114/7/7,50-V d. grey	23
10002.4	PK 100/3/5,00-V d. grey	16	10048.1	PK 100/5/5,00-V-BL	17	10094.1	PK 114/8/7,50-V	23
10003.1	PK 100/4/5,00-V	16	10048.4	PK 100/5/5,00-V-BL d. grey	17	10094.4	PK 114/8/7,50-V d. grey	23
10003.4	PK 100/4/5,00-V d. grey	16	10049.1	PK 100/6/5,00-V-BL	17	10095.1	PK 114/9/7,50-V	23
10004.1	PK 100/5/5,00-V	16	10049.4	PK 100/6/5,00-V-BL d. grey	17	10095.4	PK 114/9/7,50-V d. grey	23
10004.4	PK 100/5/5,00-V d. grey	16	10050.1	PK 100/7/5,00-V-BL	17	10096.1	PK 114/10/7,50-V	23
10005.1	PK 100/6/5,00-V	16	10050.4	PK 100/7/5,00-V-BL d. grey	17	10096.4	PK 114/10/7,50-V d. grey	23
10005.4	PK 100/6/5,00-V d. grey	16	10051.1	PK 100/8/5,00-V-BL	17	10097.1	PK 114/11/7,50-V	23
10006.1	PK 100/7/5,00-V	16	10051.4	PK 100/8/5,00-V-BL d. grey	17	10097.4	PK 114/11/7,50-V d. grey	23
10006.4	PK 100/7/5,00-V d. grey	16	10052.1	PK 100/9/5,00-V-BL	17	10098.1	PK 114/12/7,50-V	23
10007.1	PK 100/8/5,00-V	16	10052.4	PK 100/9/5,00-V-BL d. grey	17	10098.4	PK 114/12/7,50-V d. grey	23
10007.4	PK 100/8/5,00-V d. grey	16	10053.1	PK 100/10/5,00-V-BL	17	10099.1	PK 110/2/7,50-V	41
10008.1	PK 100/9/5,00-V	16	10053.4	PK 100/10/5,00-V-BL d. grey	17	10099.4	PK 110/2/7,50-V d. grey	41
10008.4	PK 100/9/5,00-V d. grey	16	10054.1	PK 100/11/5,00-V-BL	17	10100.1	PK 110/3/7,50-V	41
10009.1	PK 100/10/5,00-V	16	10054.4	PK 100/11/5,00-V-BL d. grey	17	10100.4	PK 110/3/7,50-V d. grey	41
10009.4	PK 100/10/5,00-V d. grey	16	10055.1	PK 100/12/5,00-V-BL	17	10101.1	PK 110/4/7,50-V	41
10010.1	PK 100/11/5,00-V	16	10055.4	PK 100/12/5,00-V-BL d. grey	17	10101.4	PK 110/4/7,50-V d. grey	41
10010.4	PK 100/11/5,00-V d. grey	16	10056.1	PK 100/2/5,00-H-BL	17	10102.1	PK 110/5/7,50-V	41
10011.1	PK 100/12/5,00-V	16	10056.4	PK 100/2/5,00-H-BL d. grey	17	10102.4	PK 110/5/7,50-V d. grey	41
10011.4	PK 100/12/5,00-V d. grey	16	10057.1	PK 100/3/5,00-H-BL	17	10103.1	PK 110/6/7,50-V	41
10012.1	PK 100/2/5,00-H	16	10057.4	PK 100/3/5,00-H-BL d. grey	17	10103.4	PK 110/6/7,50-V d. grey	41
10012.4	PK 100/2/5,00-H d. grey	16	10058.1	PK 100/4/5,00-H-BL	17	10104.1	PK 110/7/7,50-V	41
10013.1	PK 100/3/5,00-H	16	10058.4	PK 100/4/5,00-H-BL d. grey	17	10104.4	PK 110/7/7,50-V d. grey	41
10013.4	PK 100/3/5,00-H d. grey	16	10059.1	PK 100/5/5,00-H-BL	17	10105.1	PK 110/8/7,50-V	41
10014.1	PK 100/4/5,00-H	16	10059.4	PK 100/5/5,00-H-BL d. grey	17	10105.4	PK 110/8/7,50-V d. grey	41
10014.4	PK 100/4/5,00-H d. grey	16	10060.1	PK 100/6/5,00-H-BL	17	10106.1	PK 110/9/7,50-V	41
10015.1	PK 100/5/5,00-H	16	10060.4	PK 100/6/5,00-H-BL d. grey	17	10106.4	PK 110/9/7,50-V d. grey	41
10015.4	PK 100/5/5,00-H d. grey	16	10061.1	PK 100/7/5,00-H-BL	17	10107.1	PK 110/10/7,50-V	41
10016.1	PK 100/6/5,00-H	16	10061.4	PK 100/7/5,00-H-BL d. grey	17	10107.4	PK 110/10/7,50-V d. grey	41
10016.4	PK 100/6/5,00-H d. grey	16	10062.1	PK 100/8/5,00-H-BL	17	10108.1	PK 110/11/7,50-V	41
10017.1	PK 100/7/5,00-H	16	10062.4	PK 100/8/5,00-H-BL d. grey	17	10108.4	PK 110/11/7,50-V d. grey	41
10017.4	PK 100/7/5,00-H d. grey	16	10063.1	PK 100/9/5,00-H-BL	17	10109.1	PK 110/12/7,50-V	41
10018.1	PK 100/8/5,00-H	16	10063.4	PK 100/9/5,00-H-BL d. grey	17	10109.4	PK 110/12/7,50-V d. grey	41
10018.4	PK 100/8/5,00-H d. grey	16	10064.1	PK 100/10/5,00-H-BL	17	10110.1	PK 110/2/7,50-H	22
10019.1	PK 100/9/5,00-H	16	10064.4	PK 100/10/5,00-H-BL d. grey	17	10110.4	PK 110/2/7,50-H d. grey	22
10019.4	PK 100/9/5,00-H d. grey	16	10065.1	PK 100/11/5,00-H-BL	17	10111.1	PK 110/3/7,50-H	22
10020.1	PK 100/10/5,00-H	16	10065.4	PK 100/11/5,00-H-BL d. grey	17	10111.4	PK 110/3/7,50-H d. grey	22
10020.4	PK 100/10/5,00-H d. grey	16	10066.1	PK 100/12/5,00-H-BL	17	10112.1	PK 110/4/7,50-H	22
10021.1	PK 100/11/5,00-H	16	10066.4	PK 100/12/5,00-H-BL d. grey	17	10112.4	PK 110/4/7,50-H d. grey	22
10021.4	PK 100/11/5,00-H d. grey	16	10067.1	PK 100/2/10,00-V-BL	26	10113.1	PK 110/5/7,50-H	22
10022.1	PK 100/12/5,00-H	16	10067.4	PK 100/2/10,00-V-BL d. grey	26	10113.4	PK 110/5/7,50-H d. grey	22
10022.4	PK 100/12/5,00-H d. grey	16	10068.1	PK 100/3/10,00-V-BL	26	10114.1	PK 110/6/7,50-H	22
10023.1	PK 100/2/10,00-V	25	10068.4	PK 100/3/10,00-V-BL d. grey	26	10114.4	PK 110/6/7,50-H d. grey	22
10023.4	PK 100/2/10,00-V d. grey	25	10069.1	PK 100/4/10,00-V-BL	26	10115.1	PK 110/7/7,50-H	22
10024.1	PK 100/3/10,00-V	25	10069.4	PK 100/4/10,00-V-BL d. grey	26	10115.4	PK 110/7/7,50-H d. grey	22
10024.4	PK 100/3/10,00-V d. grey	25	10070.1	PK 100/5/10,00-V-BL	26	10116.1	PK 110/8/7,50-H	22
10025.1	PK 100/4/10,00-V	25	10070.4	PK 100/5/10,00-V-BL d. grey	26	10116.4	PK 110/8/7,50-H d. grey	22
10025.4	PK 100/4/10,00-V d. grey	25	10071.1	PK 100/6/10,00-V-BL	26	10117.1	PK 110/9/7,50-H	22
10026.1	PK 100/5/10,00-V	25	10071.4	PK 100/6/10,00-V-BL d. grey	26	10117.4	PK 110/9/7,50-H d. grey	22
10026.4	PK 100/5/10,00-V d. grey	25	10072.1	PK 100/2/10,00-H-BL	26	10118.1	PK 110/10/7,50-H	22
10027.1	PK 100/6/10,00-V	25	10072.4	PK 100/2/10,00-H-BL d. grey	26	10118.4	PK 110/10/7,50-H d. grey	22
10027.4	PK 100/6/10,00-V d. grey	25	10073.1	PK 100/3/10,00-H-BL	26	10119.1	PK 110/11/7,50-H	22
			10073.4	PK 100/3/10,00-H-BL d. grey	26	10119.4	PK 110/11/7,50-H d. grey	22



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10258.4	PK 550/13/3,50-V d. grey	12	10307.1	PK 250/7/10,16-V	43	10356.1	PK 300/12/10,16	44
10259.1	PK 550/14/3,50-V	12	10308.1	PK 250/8/10,16-V	43	10356.4	PK 300/12/10,16 d. grey	44
10259.4	PK 550/14/3,50-V d. grey	12	10309.1	PK 250/9/10,16-V	43	10357.1	PK 350/2/5,00-V	29
10260.1	PK 550/15/3,50-V	12	10310.1	PK 250/10/10,16-V	43	10358.1	PK 350/3/5,00-V	29
10260.4	PK 550/15/3,50-V d. grey	12	10311.1	PK 250/11/10,16-V	43	10359.1	PK 350/4/5,00-V	29
10261.1	PK 550/16/3,50-V	12	10312.1	PK 250/12/10,16-V	43	10360.1	PK 350/5/5,00-V	29
10261.4	PK 550/16/3,50-V d. grey	12	10313.1	PK 300/2/5,00	28	10361.1	PK 350/6/5,00-V	29
10262.1	PK 550/2/3,50-H	12	10313.4	PK 300/2/5,00 d. grey	28	10362.1	PK 350/7/5,00-V	29
10262.4	PK 550/2/3,50-H d. grey	12	10314.1	PK 300/3/5,00	28	10363.1	PK 350/7/5,00-V	29
10263.1	PK 550/3/3,50-H	12	10314.4	PK 300/3/5,00 d. grey	28	10364.1	PK 350/9/5,00-V	29
10263.4	PK 550/3/3,50-H d. grey	12	10315.1	PK 300/4/5,00	28	10365.1	PK 350/10/5,00-V	29
10264.1	PK 550/4/3,50-H	12	10315.4	PK 300/4/5,00 d. grey	28	10366.1	PK 350/11/5,00-V	29
10264.4	PK 550/4/3,50-H d. grey	12	10316.1	PK 300/5/5,00	28	10367.1	PK 350/12/5,00-V	29
10265.1	PK 550/5/3,50-H	12	10316.4	PK 300/5/5,00 d. grey	28	10368.1	PK 350/2/5,08-V	35
10265.4	PK 550/5/3,50-H d. grey	12	10317.1	PK 300/6/5,00	28	10369.1	PK 350/3/5,08-V	35
10266.1	PK 550/6/3,50-H	12	10317.4	PK 300/6/5,00 d. grey	28	10370.1	PK 350/4/5,08-V	35
10266.4	PK 550/6/3,50-H d. grey	12	10318.1	PK 300/7/5,00	28	10371.1	PK 350/5/5,08-V	35
10267.1	PK 550/7/3,50-H	12	10318.4	PK 300/7/5,00 d. grey	28	10372.1	PK 350/6/5,08-V	35
10267.4	PK 550/7/3,50-H d. grey	12	10319.1	PK 300/8/5,00	28	10373.1	PK 350/7/5,08-V	35
10268.1	PK 550/8/3,50-H	12	10319.4	PK 300/8/5,00 d. grey	28	10374.1	PK 350/8/5,08-V	35
10268.4	PK 550/8/3,50-H d. grey	12	10320.1	PK 300/9/5,00	28	10375.1	PK 350/9/5,08-V	35
10269.1	PK 550/9/3,50-H	12	10320.4	PK 300/9/5,00 d. grey	28	10376.1	PK 350/10/5,08-V	35
10269.4	PK 550/9/3,50-H d. grey	12	10321.1	PK 300/10/5,00	28	10377.1	PK 350/11/5,08-V	35
10270.1	PK 550/10/3,50-H	12	10321.4	PK 300/10/5,00 d. grey	28	10378.1	PK 350/12/5,08-V	35
10270.4	PK 550/10/3,50-H d. grey	12	10322.1	PK 300/11/5,00	28	10379.1	PK 350/2/10,00-V	43
10271.1	PK 550/11/3,50-H	12	10322.4	PK 300/11/5,00 d. grey	28	10380.1	PK 350/3/10,00-V	43
10271.4	PK 550/11/3,50-H d. grey	12	10323.1	PK 300/12/5,00	28	10381.1	PK 350/4/10,00-V	43
10272.1	PK 550/12/3,50-H	12	10323.4	PK 300/12/5,00 d. grey	28	10382.1	PK 350/5/10,00-V	43
10272.4	PK 550/12/3,50-H d. grey	12	10324.1	PK 300/2/5,08	34	10383.1	PK 350/6/10,00-V	43
10273.1	PK 550/13/3,50-H	12	10324.4	PK 300/2/5,08 d. grey	34	10384.1	PK 350/7/10,00-V	43
10273.4	PK 550/13/3,50-H d. grey	12	10325.1	PK 300/3/5,08	34	10385.1	PK 350/8/10,00-V	43
10274.1	PK 550/14/3,50-H	12	10325.4	PK 300/3/5,08 d. grey	34	10386.1	PK 350/9/10,00-V	43
10274.4	PK 550/14/3,50-H d. grey	12	10326.1	PK 300/4/5,08	34	10387.1	PK 350/10/10,00-V	43
10275.1	PK 550/15/3,50-H	12	10326.4	PK 300/4/5,08 d. grey	34	10388.1	PK 350/11/10,00-V	43
10275.4	PK 550/15/3,50-H d. grey	12	10327.1	PK 300/5/5,08	34	10389.1	PK 350/12/10,00-V	43
10276.1	PK 550/16/3,50-H	12	10327.4	PK 300/5/5,08 d. grey	34	10390.1	PK 350/2/10,16-V	44
10276.4	PK 550/16/3,50-H d. grey	12	10328.1	PK 300/6/5,08	34	10391.1	PK 350/3/10,16-V	44
10277.1	PK 550/2/7,00-V	21	10328.4	PK 300/6/5,08 d. grey	34	10392.1	PK 350/4/10,16-V	44
10277.4	PK 550/2/7,00-V d. grey	21	10329.1	PK 300/7/5,08	34	10393.1	PK 350/5/10,16-V	44
10278.1	PK 550/3/7,00-V	21	10329.4	PK 300/7/5,08 d. grey	34	10394.1	PK 350/6/10,16-V	44
10278.4	PK 550/3/7,00-V d. grey	21	10330.1	PK 300/8/5,08	34	10395.1	PK 350/7/10,16-V	44
10279.1	PK 550/4/7,00-V	21	10330.4	PK 300/8/5,08 d. grey	34	10396.1	PK 350/8/10,16-V	44
10279.4	PK 550/4/7,00-V d. grey	21	10331.1	PK 300/9/5,08	34	10397.1	PK 350/9/10,16-V	44
10280.1	PK 550/5/7,00-V	21	10331.4	PK 300/9/5,08 d. grey	34	10398.1	PK 350/10/10,16-V	44
10280.4	PK 550/5/7,00-V d. grey	21	10332.1	PK 300/10/5,08	34	10399.1	PK 350/11/10,16-V	44
10281.1	PK 550/6/7,00-V	21	10332.4	PK 300/10/5,08 d. grey	34	10400.1	PK 350/12/10,16-V	44
10281.4	PK 550/6/7,00-V d. grey	21	10333.1	PK 300/11/5,08	34	10401.1	PK 360/2/7,50-V	40
10282.1	PK 550/7/7,00-V	21	10333.4	PK 300/11/5,08 d. grey	34	10401.4	PK 360/2/7,50-V d. grey	40
10282.4	PK 550/7/7,00-V d. grey	21	10334.1	PK 300/12/5,08	34	10402.1	PK 360/3/7,50-V	40
10283.1	PK 550/8/7,00-V	21	10334.4	PK 300/12/5,08 d. grey	34	10402.4	PK 360/3/7,50-V d. grey	40
10283.4	PK 550/8/7,00-V d. grey	21	10335.1	PK 300/2/10,00	42	10403.1	PK 360/4/7,50-V	40
10284.1	PK 550/2/7,00-H	21	10335.4	PK 300/2/10,00 d. grey	42	10403.4	PK 360/4/7,50-V d. grey	40
10284.4	PK 550/2/7,00-H d. grey	21	10336.1	PK 300/3/10,00	42	10404.1	PK 360/5/7,50-V	40
10285.1	PK 550/3/7,00-H	21	10336.4	PK 300/3/10,00 d. grey	42	10404.4	PK 360/5/7,50-V d. grey	40
10285.4	PK 550/3/7,00-H d. grey	21	10337.1	PK 300/4/10,00	42	10405.1	PK 360/6/7,50-V	40
10286.1	PK 550/4/7,00-H	21	10337.4	PK 300/4/10,00 d. grey	42	10405.4	PK 360/6/7,50-V d. grey	40
10286.4	PK 550/4/7,00-H d. grey	21	10338.1	PK 300/5/10,00	42	10406.1	PK 360/7/7,50-V	40
10287.1	PK 550/5/7,00-H	21	10338.4	PK 300/5/10,00 d. grey	42	10406.4	PK 360/7/7,50-V d. grey	40
10287.4	PK 550/5/7,00-H d. grey	21	10339.1	PK 300/6/10,00	42	10407.1	PK 360/8/7,50-V	40
10288.1	PK 550/6/7,00-H	21	10339.4	PK 300/6/10,00 d. grey	42	10407.4	PK 360/8/7,50-V d. grey	40
10288.4	PK 550/6/7,00-H d. grey	21	10340.1	PK 300/7/10,00	42	10408.1	PK 360/9/7,50-V	40
10289.1	PK 550/7/7,00-H	21	10340.4	PK 300/7/10,00 d. grey	42	10408.4	PK 360/9/7,50-V d. grey	40
10289.4	PK 550/7/7,00-H d. grey	21	10341.1	PK 300/8/10,00	42	10409.1	PK 360/10/7,50-V	40
10290.1	PK 550/8/7,00-H	21	10341.4	PK 300/8/10,00 d. grey	42	10409.4	PK 360/10/7,50-V d. grey	40
10290.4	PK 550/8/7,00-H d. grey	21	10342.1	PK 300/9/10,00	42	10410.1	PK 360/11/7,50-V	40
10291.1	PK 250/2/5,08-V	34	10342.4	PK 300/9/10,00 d. grey	42	10410.4	PK 360/11/7,50-V d. grey	40
10291.4	PK 250/2/5,08-V d. grey	34	10343.1	PK 300/10/10,00	42	10411.1	PK 360/12/7,50-V	40
10292.1	PK 250/3/5,08-V	34	10343.4	PK 300/10/10,00 d. grey	42	10411.4	PK 360/12/7,50-V d. grey	40
10292.4	PK 250/3/5,08-V d. grey	34	10344.1	PK 300/11/10,00	42	10412.1	PKD 370/2/5,00-V	31
10293.1	PK 250/4/5,08-V	34	10344.4	PK 300/11/10,00 d. grey	42	10412.4	PKD 370/2/5,00-V d. grey	31
10293.4	PK 250/4/5,08-V d. grey	34	10345.1	PK 300/12/10,00	42	10413.1	PKD 370/3/5,00-V	31
10294.1	PK 250/5/5,08-V	34	10345.4	PK 300/12/10,00 d. grey	42	10413.4	PKD 370/3/5,00-V d. grey	31
10294.4	PK 250/5/5,08-V d. grey	34	10346.1	PK 300/2/10,16	44	10414.1	PKD 370/4/5,00-V	31
10295.1	PK 250/6/5,08-V	34	10346.4	PK 300/2/10,16 d. grey	44	10414.4	PKD 370/4/5,00-V d. grey	31
10295.4	PK 250/6/5,08-V d. grey	34	10347.1	PK 300/3/10,16	44	10415.1	PKD 370/5/5,00-V	31
10296.1	PK 250/7/5,08-V	34	10347.4	PK 300/3/10,16 d. grey	44	10415.4	PKD 370/5/5,00-V d. grey	31
10296.4	PK 250/7/5,08-V d. grey	34	10348.1	PK 300/4/10,16	44	10416.1	PKD 370/6/5,00-V	31
10297.1	PK 250/8/5,08-V	34	10348.4	PK 300/4/10,16 d. grey	44	10416.4	PKD 370/6/5,00-V d. grey	31
10297.4	PK 250/8/5,08-V d. grey	34	10349.1	PK 300/5/10,16	44	10417.1	PKD 370/7/5,00-V	31
10298.1	PK 250/9/5,08-V	34	10349.4	PK 300/5/10,16 d. grey	44	10417.4	PKD 370/7/5,00-V d. grey	31
10298.4	PK 250/9/5,08-V d. grey	34	10350.1	PK 300/6/10,16	44	10418.1	PKD 370/8/5,00-V	31
10299.1	PK 250/10/5,08-V	34	10350.4	PK 300/6/10,16 d. grey	44	10418.4	PKD 370/8/5,00-V d. grey	31
10299.4	PK 250/10/5,08-V d. grey	34	10351.1	PK 300/7/10,16	44	10419.1	PKD 370/9/5,00-V	31
10300.1	PK 250/11/5,08-V	34	10351.4	PK 300/7/10,16 d. grey	44	10419.4	PKD 370/9/5,00-V d. grey	31
10300.4	PK 250/11/5,08-V d. grey	34	10352.1	PK 300/8/10,16	44	10420.1	PKD 370/10/5,00-V	31
10301.1	PK 250/12/5,08-V	34	10352.4	PK 300/8/10,16 d. grey	44	10420.4	PKD 370/10/5,00-V d. grey	31
10301.4	PK 250/12/5,08-V d. grey	34	10353.1	PK 300/9/10,16	44	10421.1	PKD 370/11/5,00-V	31
10302.1	PK 250/2/10,16-V	43	10353.4	PK 300/9/10,16 d. grey	44	10421.4	PKD 370/11/5,00-V d. grey	31
10303.1	PK 250/3/10,16-V	43	10354.1	PK 300/10/10,16	44	10422.1	PKD 370/12/5,00-V	31
10304.1	PK 250/4/10,16-V	43	10354.4	PK 300/10/10,16 d. grey	44	10422.4	PKD 370/12/5,00-V d. grey	31
10305.1	PK 250/5/10,16-V	43	10355.1	PK 300/11/10,16	44	10423.1	PK 700/2/5,00-V	30







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11178.1	PKB 130/11/5,00	69	11241.1	PKB 950/13/5,08	77	11333.1	PKB 1110/15/5,00	76
11178.4	PKB 130/11/5,00 d. grey	69	11242.1	PKB 950/14/5,08	77	11334.1	PKB 1110/16/5,00	76
11179.1	PKB 130/12/5,00	69	11243.1	PKB 950/15/5,08	77	11335.1	PKB 1110/17/5,00	76
11179.4	PKB 130/12/5,00 d. grey	69	11244.1	PKB 950/16/5,08	77	11336.1	PKB 1110/18/5,00	76
11180.1	PKB 130/2/10,00	70	11245.1	PKB 950/17/5,08	77	11337.1	PKB 1110/19/5,00	76
11180.4	PKB 130/2/10,00 d. grey	70	11246.1	PKB 950/18/5,08	77	11338.1	PKB 1110/20/5,00	76
11181.1	PKB 130/3/10,00	70	11247.1	PKB 950/19/5,08	77	11339.1	PKB 1110/2/5,08	78
11181.4	PKB 130/3/10,00 d. grey	70	11248.1	PKB 950/20/5,08	77	11340.1	PKB 1110/3/5,08	78
11182.1	PKB 130/4/10,00	70	11249.1	PKB 950/21/5,08	77	11341.1	PKB 1110/4/5,08	78
11182.4	PKB 130/4/10,00 d. grey	70	11250.1	PKB 950/22/5,08	77	11342.1	PKB 1110/5/5,08	78
11183.1	PKB 130/5/10,00	70	11251.1	PKB 950/23/5,08	77	11343.1	PKB 1110/6/5,08	78
11183.4	PKB 130/5/10,00 d. grey	70	11252.1	PKB 950/24/5,08	77	11344.1	PKB 1110/7/5,08	78
11184.1	PKB 130/6/10,00	70	11253.1	PKB 960/2/7,62	79	11345.1	PKB 1110/8/5,08	78
11184.4	PKB 130/6/10,00 d. grey	70	11254.1	PKB 960/3/7,62	79	11346.1	PKB 1110/9/5,08	78
11185.1	PKB 130/2/5,00-BL	69	11255.1	PKB 960/4/7,62	79	11347.1	PKB 1110/10/5,08	78
11185.4	PKB 130/2/5,00-BL d. grey	69	11256.1	PKB 960/5/7,62	79	11348.1	PKB 1110/11/5,08	78
11186.1	PKB 130/3/5,00-BL	69	11257.1	PKB 960/6/7,62	79	11349.1	PKB 1110/12/5,08	78
11186.4	PKB 130/3/5,00-BL d. grey	69	11258.1	PKB 960/7/7,62	79	11350.1	PKB 1110/13/5,08	78
11187.1	PKB 130/4/5,00-BL	69	11259.1	PKB 960/8/7,62	79	11351.1	PKB 1110/14/5,08	78
11187.4	PKB 130/4/5,00-BL d. grey	69	11260.1	PKB 960/9/7,62	79	11352.1	PKB 1110/15/5,08	78
11188.1	PKB 130/5/5,00-BL	69	11261.1	PKB 960/10/7,62	79	11353.1	PKB 1110/16/5,08	78
11188.4	PKB 130/5/5,00-BL d. grey	69	11262.1	PKB 960/11/7,62	79	11354.1	PBT 1200/2/5,08	82
11189.1	PKB 130/6/5,00-BL	69	11263.1	PKB 960/12/7,62	79	11355.1	PBT 1200/3/5,08	82
11189.4	PKB 130/6/5,00-BL d. grey	69	11264.1	PKB 960/13/7,62	79	11356.1	PBT 1200/4/5,08	82
11190.1	PKB 130/7/5,00-BL	69	11265.1	PKB 960/14/7,62	79	11357.1	PBT 1200/5/5,08	82
11190.4	PKB 130/7/5,00-BL d. grey	69	11266.1	PKB 960/15/7,62	79	11358.1	PBT 1200/6/5,08	82
11191.1	PKB 130/8/5,00-BL	69	11267.1	PKB 960/16/7,62	79	11359.1	PBT 1200/7/5,08	82
11191.4	PKB 130/8/5,00-BL d. grey	69	11268.1	PKB 950/2/5,00-F	75	11360.1	PBT 1200/8/5,08	82
11192.1	PKB 130/9/5,00-BL	69	11269.1	PKB 950/3/5,00-F	75	11361.1	PBT 1200/9/5,08	82
11192.4	PKB 130/9/5,00-BL d. grey	69	11270.1	PKB 950/4/5,00-F	75	11362.1	PBT 1200/10/5,08	82
11193.1	PKB 130/10/5,00-BL	69	11271.1	PKB 950/5/5,00-F	75	11363.1	PBT 1200/11/5,08	82
11193.4	PKB 130/10/5,00-BL d. grey	69	11272.1	PKB 950/6/5,00-F	75	11364.1	PBT 1200/12/5,08	82
11194.1	PKB 130/11/5,00-BL	69	11273.1	PKB 950/7/5,00-F	75	11365.1	PBT 1200/13/5,08	82
11194.4	PKB 130/11/5,00-BL d. grey	69	11274.1	PKB 950/8/5,00-F	75	11366.1	PBT 1200/14/5,08	82
11195.1	PKB 130/12/5,00-BL	69	11275.1	PKB 950/9/5,00-F	75	11367.1	PBT 1200/15/5,08	82
11195.4	PKB 130/12/5,00-BL d. grey	69	11276.1	PKB 950/10/5,00-F	75	11368.1	PBT 1200/16/5,08	82
11196.1	PKB 130/13/5,00-BL	69	11277.1	PKB 950/2/5,08-F	77	11369.1	PBT 1200/17/5,08	82
11196.4	PKB 130/13/5,00-BL d. grey	69	11278.1	PKB 950/3/5,08-F	77	11370.1	PBT 1200/18/5,08	82
11197.1	PKB 130/14/5,00-BL	69	11279.1	PKB 950/4/5,08-F	77	11371.1	PBT 1200/19/5,08	82
11197.4	PKB 130/14/5,00-BL d. grey	69	11280.1	PKB 950/5/5,08-F	77	11372.1	PBT 1200/20/5,08	82
11198.1	PKB 130/15/5,00-BL	69	11281.1	PKB 950/6/5,08-F	77	11373.1	PBT 1200/21/5,08	82
11198.4	PKB 130/15/5,00-BL d. grey	69	11282.1	PKB 950/7/5,08-F	77	11374.1	PBT 1200/22/5,08	82
11199.1	PKB 130/16/5,00-BL	69	11283.1	PKB 950/8/5,08-F	77	11375.1	PBT 1200/23/5,08	82
11199.4	PKB 130/16/5,00-BL d. grey	69	11284.1	PKB 950/9/5,08-F	77	11376.1	PBT 1200/24/5,08	82
11200.1	PKB 130/2/10,00-BL	71	11285.1	PKB 950/10/5,08-F	77	11377.1	PKB 1550/2/3,50	72
11200.4	PKB 130/2/10,00-BL d. grey	71	11286.1	PKB 1100/2/5,00	76	11378.1	PKB 1550/3/3,50	72
11201.1	PKB 130/3/10,00-BL	71	11287.1	PKB 1100/3/5,00	76	11379.1	PKB 1550/4/3,50	72
11201.4	PKB 130/3/10,00-BL d. grey	71	11288.1	PKB 1100/4/5,00	76	11380.1	PKB 1550/5/3,50	72
11202.1	PKB 130/4/10,00-BL	71	11289.1	PKB 1100/5/5,00	76	11381.1	PKB 1550/6/3,50	72
11202.4	PKB 130/4/10,00-BL d. grey	71	11290.1	PKB 1100/6/5,00	76	11382.1	PKB 1550/7/3,50	72
11203.1	PKB 130/5/10,00-BL	71	11291.1	PKB 1100/7/5,00	76	11383.1	PKB 1550/8/3,50	72
11203.4	PKB 130/5/10,00-BL d. grey	71	11292.1	PKB 1100/8/5,00	76	11384.1	PKB 1550/9/3,50	72
11204.1	PKB 130/6/10,00-BL	71	11293.1	PKB 1100/9/5,00	76	11385.1	PKB 1550/10/3,50	72
11204.4	PKB 130/6/10,00-BL d. grey	71	11294.1	PKB 1100/10/5,00	76	11386.1	PKB 1550/11/3,50	72
11205.1	PKB 130/7/10,00-BL	71	11295.1	PKB 1100/11/5,00	76	11387.1	PKB 1550/12/3,50	72
11205.4	PKB 130/7/10,00-BL d. grey	71	11296.1	PKB 1100/12/5,00	76	11388.1	PKB 1550/13/3,50	72
11206.1	PKB 130/8/10,00-BL	71	11297.1	PKB 1100/13/5,00	76	11389.1	PKB 1550/14/3,50	72
11206.4	PKB 130/8/10,00-BL d. grey	71	11298.1	PKB 1100/14/5,00	76	11390.1	PKB 1550/15/3,50	72
11207.1	PKB 950/2/5,00	75	11299.1	PKB 1100/15/5,00	76	11391.1	PKB 1550/16/3,50	72
11208.1	PKB 950/3/5,00	75	11300.1	PKB 1100/16/5,00	76	11392.1	PKB 1550/17/3,50	72
11209.1	PKB 950/4/5,00	75	11301.1	PKB 1100/17/5,00	76	11393.1	PKB 1550/18/3,50	72
11210.1	PKB 950/5/5,00	75	11302.1	PKB 1100/18/5,00	76	11394.1	PKB 1550/19/3,50	72
11211.1	PKB 950/6/5,00	75	11303.1	PKB 1100/19/5,00	76	11395.1	PKB 1550/20/3,50	72
11212.1	PKB 950/7/5,00	75	11304.1	PKB 1100/20/5,00	76	11396.1	PKB 1550/2/3,81	73
11213.1	PKB 950/8/5,00	75	11305.1	PKB 1100/2/5,08	78	11397.1	PKB 1550/3/3,81	73
11214.1	PKB 950/9/5,00	75	11306.1	PKB 1100/3/5,08	78	11398.1	PKB 1550/4/3,81	73
11215.1	PKB 950/10/5,00	75	11307.1	PKB 1100/4/5,08	78	11399.1	PKB 1550/5/3,81	73
11216.1	PKB 950/11/5,00	75	11308.1	PKB 1100/5/5,08	78	11400.1	PKB 1550/6/3,81	73
11217.1	PKB 950/12/5,00	75	11309.1	PKB 1100/6/5,08	78	11401.1	PKB 1550/7/3,81	73
11218.1	PKB 950/13/5,00	75	11310.1	PKB 1100/7/5,08	78	11402.1	PKB 1550/8/3,81	73
11219.1	PKB 950/14/5,00	75	11311.1	PKB 1100/8/5,08	78	11403.1	PKB 1550/9/3,81	73
11220.1	PKB 950/15/5,00	75	11312.1	PKB 1100/9/5,08	78	11404.1	PKB 1550/10/3,81	73
11221.1	PKB 950/16/5,00	75	11313.1	PKB 1100/10/5,08	78	11405.1	PKB 1550/11/3,81	73
11222.1	PKB 950/17/5,00	75	11314.1	PKB 1100/11/5,08	78	11406.1	PKB 1550/12/3,81	73
11223.1	PKB 950/18/5,00	75	11315.1	PKB 1100/12/5,08	78	11407.1	PKB 1550/13/3,81	73
11224.1	PKB 950/19/5,00	75	11316.1	PKB 1100/13/5,08	78	11408.1	PKB 1550/14/3,81	73
11225.1	PKB 950/20/5,00	75	11317.1	PKB 1100/14/5,08	78	11409.1	PKB 1550/15/3,81	73
11226.1	PKB 950/21/5,00	75	11318.1	PKB 1100/15/5,08	78	11410.1	PKB 1550/16/3,81	73
11227.1	PKB 950/22/5,00	75	11319.1	PKB 1100/16/5,08	78	11412.1	PZB 3950/2/5,00	80
11228.1	PKB 950/23/5,00	75	11320.1	PKB 1110/2/5,00	76	11413.1	PZB 3950/3/5,00	80
11229.1	PKB 950/24/5,00	75	11321.1	PKB 1110/3/5,00	76	11414.1	PZB 3950/4/5,00	80
11230.1	PKB 950/2/5,08	77	11322.1	PKB 1110/4/5,00	76	11415.1	PZB 3950/5/5,00	80
11231.1	PKB 950/3/5,08	77	11323.1	PKB 1110/5/5,00	76	11416.1	PZB 3950/6/5,00	80
11232.1	PKB 950/4/5,08	77	11324.1	PKB 1110/6/5,00	76	11417.1	PZB 3950/7/5,00	80
11233.1	PKB 950/5/5,08	77	11325.1	PKB 1110/7/5,00	76	11418.1	PZB 3950/8/5,00	80
11234.1	PKB 950/6/5,08	77	11326.1	PKB 1110/8/5,00	76	11419.1	PZB 3950/9/5,00	80
11235.1	PKB 950/7/5,08	77	11327.1	PKB 1110/9/5,00	76	11420.1	PZB 3950/10/5,00	80
11236.1	PKB 950/8/5,08	77	11328.1	PKB 1110/10/5,00	76	11421.1	PZB 3950/11/5,00	80
11237.1	PKB 950/9/5,08	77	11329.1	PKB 1110/11/5,00	76	11422.1	PZB 3950/12/5,00	80
11238.1	PKB 950/10/5,08	77	11330.1	PKB 1110/12/5,00	76	11423.1	PZB 3950/13/5,00	80
11239.1	PKB 950/11/5,08	77	11331.1	PKB 1110/13/5,00	76	11424.1	PZB 3950/14/5,00	80
11240.1	PKB 950/12/5,08	77	11332.1	PKB 1110/14/5,00	76	11425.1	PZB 3950/15/5,00	80









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12561.1	PK 300/21/5,00	28	12615.1	PK 700/19/5,00-V	30	12661.1	PK 710/17/7,50-V	41
12561.4	PK 300/21/5,00 d. grey	28	12615.4	PK 700/19/5,00-V d. grey	30	12661.4	PK 710/17/7,50-V d. grey	41
12562.1	PK 300/22/5,00	28	12616.1	PK 700/20/5,00-V	30	12662.1	PK 710/18/7,50-V	41
12562.4	PK 300/22/5,00 d. grey	28	12616.4	PK 700/20/5,00-V d. grey	30	12662.4	PK 710/18/7,50-V d. grey	41
12563.1	PK 300/23/5,00	28	12617.1	PK 700/21/5,00-V	30	12663.1	PK 710/19/7,50-V	41
12563.4	PK 300/23/5,00 d. grey	28	12617.4	PK 700/21/5,00-V d. grey	30	12663.4	PK 710/19/7,50-V d. grey	41
12564.1	PK 300/24/5,00	28	12618.1	PK 700/22/5,00-V	30	12664.1	PK 710/20/7,50-V	41
12564.4	PK 300/24/5,00 d. grey	28	12618.4	PK 700/22/5,00-V d. grey	30	12664.4	PK 710/20/7,50-V d. grey	41
12565.1	PK 300/13/5,08	34	12619.1	PK 700/23/5,00-V	30	12665.1	PK 710/21/7,50-V	41
12565.4	PK 300/13/5,08 d. grey	34	12619.4	PK 700/23/5,00-V d. grey	30	12665.4	PK 710/21/7,50-V d. grey	41
12566.1	PK 300/14/5,08	34	12620.1	PK 700/24/5,00-V	30	12666.1	PK 710/22/7,50-V	41
12566.4	PK 300/14/5,08 d. grey	34	12620.4	PK 700/24/5,00-V d. grey	30	12666.4	PK 710/22/7,50-V d. grey	41
12567.1	PK 300/15/5,08	34	12621.1	PK 700/13/5,08-V	36	12667.1	PK 710/23/7,50-V	41
12567.4	PK 300/15/5,08 d. grey	34	12621.4	PK 700/13/5,08-V d. grey	36	12667.4	PK 710/23/7,50-V d. grey	41
12568.1	PK 300/16/5,08	34	12622.1	PK 700/14/5,08-V	36	12668.1	PK 710/24/7,50-V	41
12568.4	PK 300/16/5,08 d. grey	34	12622.4	PK 700/14/5,08-V d. grey	36	12668.4	PK 710/24/7,50-V d. grey	41
12569.1	PK 300/17/5,08	34	12623.1	PK 700/15/5,08-V	36	12669.1	PK 710/13/7,62-V	42
12569.4	PK 300/17/5,08 d. grey	34	12623.4	PK 700/15/5,08-V d. grey	36	12669.4	PK 710/13/7,62-V d. grey	42
12570.1	PK 300/18/5,08	34	12624.1	PK 700/16/5,08-V	36	12670.1	PK 710/14/7,62-V	42
12570.4	PK 300/18/5,08 d. grey	34	12624.4	PK 700/16/5,08-V d. grey	36	12670.4	PK 710/14/7,62-V d. grey	42
12571.1	PK 300/19/5,08	34	12625.1	PK 700/17/5,08-V	36	12671.1	PK 710/15/7,62-V	42
12571.4	PK 300/19/5,08 d. grey	34	12625.4	PK 700/17/5,08-V d. grey	36	12671.4	PK 710/15/7,62-V d. grey	42
12572.1	PK 300/20/5,08	34	12626.1	PK 700/18/5,08-V	36	12672.1	PK 710/16/7,62-V	42
12572.4	PK 300/20/5,08 d. grey	34	12626.4	PK 700/18/5,08-V d. grey	36	12672.4	PK 710/16/7,62-V d. grey	42
12573.1	PK 300/21/5,08	34	12627.1	PK 700/19/5,08-V	36	12673.1	PK 710/17/7,62-V	42
12573.4	PK 300/21/5,08 d. grey	34	12627.4	PK 700/19/5,08-V d. grey	36	12673.4	PK 710/17/7,62-V d. grey	42
12574.1	PK 300/22/5,08	34	12628.1	PK 700/20/5,08-V	36	12674.1	PK 710/18/7,62-V	42
12574.4	PK 300/22/5,08 d. grey	34	12628.4	PK 700/20/5,08-V d. grey	36	12674.4	PK 710/18/7,62-V d. grey	42
12575.1	PK 300/23/5,08	34	12629.1	PK 700/21/5,08-V	36	12675.1	PK 710/19/7,62-V	42
12575.4	PK 300/23/5,08 d. grey	34	12629.4	PK 700/21/5,08-V d. grey	36	12675.4	PK 710/19/7,62-V d. grey	42
12576.1	PK 300/24/5,08	34	12630.1	PK 700/22/5,08-V	36	12676.1	PK 710/20/7,62-V	42
12576.4	PK 300/24/5,08 d. grey	34	12630.4	PK 700/22/5,08-V d. grey	36	12676.4	PK 710/20/7,62-V d. grey	42
12577.1	PK 360/13/7,50-V	40	12631.1	PK 700/23/5,08-V	36	12677.1	PK 710/21/7,62-V	42
12577.4	PK 360/13/7,50-V d. grey	40	12631.4	PK 700/23/5,08-V d. grey	36	12677.4	PK 710/21/7,62-V d. grey	42
12578.1	PK 360/14/7,50-V	40	12632.1	PK 700/24/5,08-V	36	12678.1	PK 710/22/7,62-V	42
12578.4	PK 360/14/7,50-V d. grey	40	12632.4	PK 700/24/5,08-V d. grey	36	12678.4	PK 710/22/7,62-V d. grey	42
12579.1	PK 360/15/7,50-V	40	12633.1	PK 700/13/5,00-H	30	12679.1	PK 710/23/7,62-V	42
12579.4	PK 360/15/7,50-V d. grey	40	12633.4	PK 700/13/5,00-H d. grey	30	12679.4	PK 710/23/7,62-V d. grey	42
12580.1	PK 360/16/7,50-V	40	12634.1	PK 700/14/5,00-H	30	12680.1	PK 710/24/7,62-V	42
12580.4	PK 360/16/7,50-V d. grey	40	12634.4	PK 700/14/5,00-H d. grey	30	12680.4	PK 710/24/7,62-V d. grey	42
12581.1	PK 360/17/7,50-V	40	12635.1	PK 700/15/5,00-H	30	12681.1	PKD 750/13/5,00-V	31
12581.4	PK 360/17/7,50-V d. grey	40	12635.4	PK 700/15/5,00-H d. grey	30	12681.4	PKD 750/13/5,00-V d. grey	31
12582.1	PK 360/18/7,50-V	40	12636.1	PK 700/16/5,00-H	30	12682.1	PKD 750/14/5,00-V	31
12582.4	PK 360/18/7,50-V d. grey	40	12636.4	PK 700/16/5,00-H d. grey	30	12682.4	PKD 750/14/5,00-V d. grey	31
12583.1	PK 360/19/7,50-V	40	12637.1	PK 700/17/5,00-H	30	12683.1	PKD 750/15/5,00-V	31
12583.4	PK 360/19/7,50-V d. grey	40	12637.4	PK 700/17/5,00-H d. grey	30	12683.4	PKD 750/15/5,00-V d. grey	31
12584.1	PK 360/20/7,50-V	40	12638.1	PK 700/18/5,00-H	30	12684.1	PKD 750/16/5,00-V	31
12584.4	PK 360/20/7,50-V d. grey	40	12638.4	PK 700/18/5,00-H d. grey	30	12684.4	PKD 750/16/5,00-V d. grey	31
12585.1	PK 360/21/7,50-V	40	12639.1	PK 700/19/5,00-H	30	12685.1	PKD 750/17/5,00-V	31
12585.4	PK 360/21/7,50-V d. grey	40	12639.4	PK 700/19/5,00-H d. grey	30	12685.4	PKD 750/17/5,00-V d. grey	31
12586.1	PK 360/22/7,50-V	40	12640.1	PK 700/20/5,00-H	30	12686.1	PKD 750/18/5,00-V	31
12586.4	PK 360/22/7,50-V d. grey	40	12640.4	PK 700/20/5,00-H d. grey	30	12686.4	PKD 750/18/5,00-V d. grey	31
12587.1	PK 360/23/7,50-V	40	12641.1	PK 700/21/5,00-H	30	12687.1	PKD 750/19/5,00-V	31
12587.4	PK 360/23/7,50-V d. grey	40	12641.4	PK 700/21/5,00-H d. grey	30	12687.4	PKD 750/19/5,00-V d. grey	31
12588.1	PK 360/24/7,50-V	40	12642.1	PK 700/22/5,00-H	30	12688.1	PKD 750/20/5,00-V	31
12588.4	PK 360/24/7,50-V d. grey	40	12642.4	PK 700/22/5,00-H d. grey	30	12688.4	PKD 750/20/5,00-V d. grey	31
12589.1	PKD 370/13/5,00-V	31	12643.1	PK 700/23/5,00-H	30	12689.1	PKD 750/21/5,00-V	31
12589.4	PKD 370/13/5,00-V d. grey	31	12643.4	PK 700/23/5,00-H d. grey	30	12689.4	PKD 750/21/5,00-V d. grey	31
12590.1	PKD 370/14/5,00-V	31	12644.1	PK 700/24/5,00-H	30	12690.1	PKD 750/22/5,00-V	31
12590.4	PKD 370/14/5,00-V d. grey	31	12644.4	PK 700/24/5,00-H d. grey	30	12690.4	PKD 750/22/5,00-V d. grey	31
12591.1	PKD 370/15/5,00-V	31	12645.1	PK 700/13/5,08-H	36	12691.1	PKD 750/23/5,00-V	31
12591.4	PKD 370/15/5,00-V d. grey	31	12645.4	PK 700/13/5,08-H d. grey	36	12691.4	PKD 750/23/5,00-V d. grey	31
12592.1	PKD 370/16/5,00-V	31	12646.1	PK 700/14/5,08-H	36	12692.1	PKD 750/24/5,00-V	31
12592.4	PKD 370/16/5,00-V d. grey	31	12646.4	PK 700/14/5,08-H d. grey	36	12692.4	PKD 750/24/5,00-V d. grey	31
12593.1	PKD 370/17/5,00-V	31	12647.1	PK 700/15/5,08-H	36	12701.1	PKD 790/14/5,00-V	32
12593.4	PKD 370/17/5,00-V d. grey	31	12647.4	PK 700/15/5,08-H d. grey	36	12701.4	PKD 790/14/5,00-V d. grey	32
12594.1	PKD 370/18/5,00-V	31	12648.1	PK 700/16/5,08-H	36	12702.1	PKD 790/16/5,00-V	32
12594.4	PKD 370/18/5,00-V d. grey	31	12648.4	PK 700/16/5,08-H d. grey	36	12702.4	PKD 790/16/5,00-V d. grey	32
12595.1	PKD 370/19/5,00-V	31	12649.1	PK 700/17/5,08-H	36	12703.1	PKD 790/18/5,00-V	32
12595.4	PKD 370/19/5,00-V d. grey	31	12649.4	PK 700/17/5,08-H d. grey	36	12703.4	PKD 790/18/5,00-V d. grey	32
12596.1	PKD 370/20/5,00-V	31	12650.1	PK 700/18/5,08-H	36	12704.1	PKD 790/20/5,00-V	32
12596.4	PKD 370/20/5,00-V d. grey	31	12650.4	PK 700/18/5,08-H d. grey	36	12704.4	PKD 790/20/5,00-V d. grey	32
12597.1	PKD 370/21/5,00-V	31	12651.1	PK 700/19/5,08-H	36	12705.1	PKD 790/22/5,00-V	32
12597.4	PKD 370/21/5,00-V d. grey	31	12651.4	PK 700/19/5,08-H d. grey	36	12705.4	PKD 790/22/5,00-V d. grey	32
12598.1	PKD 370/22/5,00-V	31	12652.1	PK 700/20/5,08-H	36	12706.1	PKD 790/24/5,00-V	32
12598.4	PKD 370/22/5,00-V d. grey	31	12652.4	PK 700/20/5,08-H d. grey	36	12706.4	PKD 790/24/5,00-V d. grey	32
12599.1	PKD 370/23/5,00-V	31	12653.1	PK 700/21/5,08-H	36	12708.1	PKH 793/14/5,00-V	32
12599.4	PKD 370/23/5,00-V d. grey	31	12653.4	PK 700/21/5,08-H d. grey	36	12708.4	PKH 793/14/5,00-V d. grey	32
12600.1	PKD 370/24/5,00-V	31	12654.1	PK 700/22/5,08-H	36	12709.1	PKH 793/16/5,00-V	32
12600.4	PKD 370/24/5,00-V d. grey	31	12654.4	PK 700/22/5,08-H d. grey	36	12709.4	PKH 793/16/5,00-V d. grey	32
12609.1	PK 700/13/5,00-V	30	12655.1	PK 700/23/5,08-H	36	12710.1	PKH 793/18/5,00-V	32
12609.4	PK 700/13/5,00-V d. grey	30	12655.4	PK 700/23/5,08-H d. grey	36	12710.4	PKH 793/18/5,00-V d. grey	32
12610.1	PK 700/14/5,00-V	30	12656.1	PK 700/24/5,08-H	36	12711.1	PKH 793/20/5,00-V	32
12610.4	PK 700/14/5,00-V d. grey	30	12656.4	PK 700/24/5,08-H d. grey	36	12711.4	PKH 793/20/5,00-V d. grey	32
12611.1	PK 700/15/5,00-V	30	12657.1	PK 710/13/7,50-V	41	12712.1	PKH 793/22/5,00-V	32
12611.4	PK 700/15/5,00-V d. grey	30	12657.4	PK 710/13/7,50-V d. grey	41	12712.4	PKH 793/22/5,00-V d. grey	32
12612.1	PK 700/16/5,00-V	30	12658.1	PK 710/14/7,50-V	41	12713.1	PKH 793/24/5,00-V	32
12612.4	PK 700/16/5,00-V d. grey	30	12658.4	PK 710/14/7,50-V d. grey	41	12713.4	PKH 793/24/5,00-V d. grey	32
12613.1	PK 700/17/5,00-V	30	12659.1	PK 710/15/7,50-V	41	12738.1	STL 970/13/5,08-V	102
12613.4	PK 700/17/5,00-V d. grey	30	12659.4	PK 710/15/7,50-V d. grey	41	12739.1	STL 970/14/5,08-V	102
12614.1	PK 700/18/5,00-V	30	12660.1	PK 710/16/7,50-V	41	12740.1	STL 970/15/5,08-V	102

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12741.1	STL 970/16/5,08-V	102	12925.1	PKDZ 770/3/5,08-V	38	13107.0	PBK 4100/24/5,00 l.-gr.	61
12742.1	STL 970/17/5,08-V	102	12926.1	PKDZ 770/4/5,08-V	38	13108.0	PBK 4101/2/5,00-KD l.-gr.	61
12743.1	STL 970/18/5,08-V	102	12927.1	PKDZ 770/5/5,08-V	38	13109.0	PBK 4101/3/5,00-KD l.-gr.	61
12744.1	STL 970/19/5,08-V	102	12928.1	PKDZ 770/6/5,08-V	38	13110.0	PBK 4101/4/5,00-KD l.-gr.	61
12745.1	STL 970/20/5,08-V	102	12929.1	PKDZ 770/7/5,08-V	38	13111.0	PBK 4101/5/5,00-KD l.-gr.	61
12746.1	STL 970/21/5,08-V	102	12930.1	PKDZ 770/8/5,08-V	38	13112.0	PBK 4101/6/5,00-KD l.-gr.	61
12747.1	STL 970/22/5,08-V	102	12931.1	PKDZ 770/9/5,08-V	38	13113.0	PBK 4101/7/5,00-KD l.-gr.	61
12748.1	STL 970/23/5,08-V	102	12932.1	PKDZ 770/10/5,08-V	38	13114.0	PBK 4101/8/5,00-KD l.-gr.	61
12749.1	STL 970/24/5,08-V	102	12933.1	PKDZ 770/11/5,08-V	38	13115.0	PBK 4101/9/5,00-KD l.-gr.	61
12750.1	STL 970/13/5,08-H	102	12934.1	PKDZ 770/12/5,08-V	38	13116.0	PBK 4101/10/5,00-KD l.-gr.	61
12751.1	STL 970/14/5,08-H	102	12935.1	PKDZ 770/13/5,08-V	38	13117.0	PBK 4101/11/5,00-KD l.-gr.	61
12752.1	STL 970/15/5,08-H	102	12936.1	PKDZ 770/14/5,08-V	38	13118.0	PBK 4101/12/5,00-KD l.-gr.	61
12753.1	STL 970/16/5,08-H	102	12937.1	PKDZ 770/15/5,08-V	38	13119.0	PBK 4101/13/5,00-KD l.-gr.	61
12754.1	STL 970/17/5,08-H	102	12938.1	PKDZ 770/16/5,08-V	38	13120.0	PBK 4101/14/5,00-KD l.-gr.	61
12755.1	STL 970/18/5,08-H	102	12939.1	PKDZ 770/17/5,08-V	38	13121.0	PBK 4101/15/5,00-KD l.-gr.	61
12756.1	STL 970/19/5,08-H	102	12940.1	PKDZ 770/18/5,08-V	38	13122.0	PBK 4101/16/5,00-KD l.-gr.	61
12757.1	STL 970/20/5,08-H	102	12941.1	PKDZ 770/19/5,08-V	38	13123.0	PBK 4101/17/5,00-KD l.-gr.	61
12758.1	STL 970/21/5,08-H	102	12942.1	PKDZ 770/20/5,08-V	38	13124.0	PBK 4101/18/5,00-KD l.-gr.	61
12759.1	STL 970/22/5,08-H	102	12943.1	PKDZ 770/21/5,08-V	38	13125.0	PBK 4101/19/5,00-KD l.-gr.	61
12760.1	STL 970/23/5,08-H	102	12944.1	PKDZ 770/22/5,08-V	38	13126.0	PBK 4101/20/5,00-KD l.-gr.	61
12761.1	STL 970/24/5,08-H	102	12945.1	PKDZ 770/23/5,08-V	38	13127.0	PBK 4101/21/5,00-KD l.-gr.	61
12789.1	PKD 750/13/5,08-V	37	12946.1	PKDZ 770/24/5,08-V	38	13128.0	PBK 4101/22/5,00-KD l.-gr.	61
12789.4	PKD 750/13/5,08-V d. grey	37				13129.0	PBK 4101/23/5,00-KD l.-gr.	61
12790.1	PKD 750/14/5,08-V	37	<b>13 000</b>			13130.0	PBK 4101/24/5,00-KD l.-gr.	61
12790.4	PKD 750/14/5,08-V d. grey	37	13039.1	PKBZ 1551/2/3,81	74	13131.1	PBKZ 4301/2/5,08-KD	62
12791.1	PKD 750/15/5,08-V	37	13040.1	PKBZ 1551/3/3,81	74	13132.1	PBKZ 4301/3/5,08-KD	62
12791.4	PKD 750/15/5,08-V d. grey	37	13041.1	PKBZ 1551/4/3,81	74	13133.1	PBKZ 4301/4/5,08-KD	62
12792.1	PKD 750/16/5,08-V	37	13042.1	PKBZ 1551/5/3,81	74	13134.1	PBKZ 4301/5/5,08-KD	62
12792.4	PKD 750/16/5,08-V d. grey	37	13043.1	PKBZ 1551/6/3,81	74	13135.1	PBKZ 4301/6/5,08-KD	62
12793.1	PKD 750/17/5,08-V	37	13044.1	PKBZ 1551/7/3,81	74	13136.1	PBKZ 4301/7/5,08-KD	62
12793.4	PKD 750/17/5,08-V d. grey	37	13045.1	PKBZ 1551/8/3,81	74	13154.1	STL 950/2/5,08-G-L	119
12794.1	PKD 750/18/5,08-V	37	13046.1	PKBZ 1551/9/3,81	74	13155.1	STL 950/3/5,08-G-L	119
12794.4	PKD 750/18/5,08-V d. grey	37	13047.1	PKBZ 1551/10/3,81	74	13156.1	STL 950/4/5,08-G-L	119
12795.1	PKD 750/19/5,08-V	37	13048.1	STL 950/1/3,81	74	13157.1	STL 950/5/5,08-G-L	119
12795.4	PKD 750/19/5,08-V d. grey	37	13049.1	PKBZ 1551/12/3,81	74	13158.1	STL 950/6/5,08-G-L	119
12796.1	PKD 750/20/5,08-V	37	13050.1	PKBZ 1551/13/3,81	74	13159.1	STL 950/7/5,08-G-L	119
12796.4	PKD 750/20/5,08-V d. grey	37	13051.1	PKBZ 1551/14/3,81	74	13160.1	STL 950/8/5,08-G-L	119
12797.1	PKD 750/21/5,08-V	37	13052.1	PKBZ 1551/15/3,81	74	13161.1	STL 950/9/5,08-G-L	119
12797.4	PKD 750/21/5,08-V d. grey	37	13053.1	PKBZ 1551/16/3,81	74	13162.1	STL 950/10/5,08-G-L	119
12798.1	PKD 750/22/5,08-V	37	13054.1	PKBZ 1551/17/3,81	74	13163.1	PKD 790/3/5,00-V	32
12798.4	PKD 750/22/5,08-V d. grey	37	13055.1	PKBZ 1551/18/3,81	74	13163.4	PKD 790/3/5,00-V d. grey	32
12799.1	PKD 750/23/5,08-V	37	13056.1	PKBZ 1551/19/3,81	74	13164.1	PKD 790/5/5,00-V	32
12799.4	PKD 750/23/5,08-V d. grey	37	13057.1	PKBZ 1551/20/3,81	74	13164.4	PKD 790/5/5,00-V d. grey	32
12800.1	PKD 750/24/5,08-V	37	13058.1	PKBZ 1551/21/3,81	74	13165.1	PKD 790/7/5,00-V	32
12800.4	PKD 750/24/5,08-V d. grey	37	13059.1	PKBZ 1551/22/3,81	74	13165.4	PKD 790/7/5,00-V d. grey	32
12855.1	PK 590/2/5,00	15	13060.1	PKBZ 1551/23/3,81	74	13166.1	PKD 790/9/5,00-V	32
12856.1	PK 590/3/5,00	15	13061.1	PKBZ 1551/24/3,81	74	13166.4	PKD 790/9/5,00-V d. grey	32
12857.1	PK 590/4/5,00	15	13062.1	PKBZ 1552/2/3,81	74	13167.1	PKD 790/11/5,00-V	32
12858.1	PK 590/5/5,00	15	13063.1	PKBZ 1552/3/3,81	74	13167.4	PKD 790/11/5,00-V d. grey	32
12859.1	PK 590/6/5,00	15	13064.1	PKBZ 1552/4/3,81	74	13168.1	PKD 790/13/5,00-V	32
12860.1	PK 590/7/5,00	15	13065.1	PKBZ 1552/5/3,81	74	13168.4	PKD 790/13/5,00-V d. grey	32
12861.1	PK 590/8/5,00	15	13066.1	PKBZ 1552/6/3,81	74	13169.1	PKD 790/15/5,00-V	32
12862.1	PK 590/9/5,00	15	13067.1	PKBZ 1552/7/3,81	74	13169.4	PKD 790/15/5,00-V d. grey	32
12863.1	PK 590/10/5,00	15	13068.1	PKBZ 1552/8/3,81	74	13170.1	PKD 790/17/5,00-V	32
12864.1	PK 590/11/5,00	15	13069.1	PKBZ 1552/9/3,81	74	13170.4	PKD 790/17/5,00-V d. grey	32
12865.1	PK 590/12/5,00	15	13070.1	PKBZ 1552/10/3,81	74	13171.1	PKD 790/19/5,00-V	32
12866.1	PK 590/13/5,00	15	13071.1	PKBZ 1552/11/3,81	74	13171.4	PKD 790/19/5,00-V d. grey	32
12867.1	PK 590/14/5,00	15	13072.1	PKBZ 1552/12/3,81	74	13172.1	PKD 790/21/5,00-V	32
12868.1	PK 590/15/5,00	15	13073.1	PKBZ 1552/13/3,81	74	13172.4	PKD 790/21/5,00-V d. grey	32
12869.1	PK 590/16/5,00	15	13074.1	PKBZ 1552/14/3,81	74	13173.1	PKD 790/23/5,00-V	32
12870.1	PK 590/17/5,00	15	13075.1	PKBZ 1552/15/3,81	74	13173.4	PKD 790/23/5,00-V d. grey	32
12871.1	PK 590/18/5,00	15	13076.1	PKBZ 1552/16/3,81	74	13175.1	PK-TS/2/5,08/15	112
12872.1	PK 590/19/5,00	15	13077.1	PKBZ 1552/17/3,81	74	13176.1	PK-TS/3/5,08/15	112
12873.1	PK 590/20/5,00	15	13078.1	PKBZ 1552/18/3,81	74	13177.1	PK-TS/4/5,08/15	112
12874.1	PK 590/21/5,00	15	13079.1	PKBZ 1552/19/3,81	74	13178.1	PK-TS/5/5,08/15	112
12875.1	PK 590/22/5,00	15	13080.1	PKBZ 1552/20/3,81	74	13179.1	PK-TS/6/5,08/15	112
12876.1	PK 590/23/5,00	15	13081.1	PKBZ 1552/21/3,81	74	13180.1	PK-TS/7/5,08/15	112
12877.1	PK 590/24/5,00	15	13082.1	PKBZ 1552/22/3,81	74	13181.1	PK-TS/8/5,08/15	112
12878.1	PKZ 602/2/3,81-V	28	13083.1	PKBZ 1552/23/3,81	74	13182.1	PK-TS/9/5,08/15	112
12879.1	PKZ 602/3/3,81-V	28	13084.1	PKBZ 1552/24/3,81	74	13183.1	PK-TS/10/5,08/15	112
12880.1	PKZ 602/4/3,81-V	28	13085.0	PBK 4100/2/5,00 l.-gr.	61	13184.1	PK-TS/11/5,08/15	112
12881.1	PKZ 602/5/3,81-V	28	13086.0	PBK 4100/3/5,00 l.-gr.	61	13185.1	PK-TS/12/5,08/15	112
12882.1	PKZ 602/6/3,81-V	28	13087.0	PBK 4100/4/5,00 l.-gr.	61	13186.1	PK-TS/13/5,08/15	112
12883.1	PKZ 602/7/3,81-V	28	13088.0	PBK 4100/5/5,00 l.-gr.	61	13187.1	PK-TS/14/5,08/15	112
12884.1	PKZ 602/8/3,81-V	28	13089.0	PBK 4100/6/5,00 l.-gr.	61	13188.1	PK-TS/15/5,08/15	112
12885.1	PKZ 602/9/3,81-V	28	13090.0	PBK 4100/7/5,00 l.-gr.	61	13189.1	PK-TS/16/5,08/15	112
12886.1	PKZ 602/10/3,81-V	28	13091.0	PBK 4100/8/5,00 l.-gr.	61	13190.1	PK-TS/17/5,08/15	112
12887.1	PKZ 602/11/3,81-V	28	13092.0	PBK 4100/9/5,00 l.-gr.	61	13191.1	PK-TS/18/5,08/15	112
12888.1	PKZ 602/12/3,81-V	28	13093.0	PBK 4100/10/5,00 l.-gr.	61	13192.1	PK-TS/19/5,08/15	112
12889.1	PKZ 602/13/3,81-V	28	13094.0	PBK 4100/11/5,00 l.-gr.	61	13193.1	PK-TS/20/5,08/15	112
12890.1	PKZ 602/14/3,81-V	28	13095.0	PBK 4100/12/5,00 l.-gr.	61	13194.1	PK-TS/21/5,08/15	112
12891.1	PKZ 602/15/3,81-V	28	13096.0	PBK 4100/13/5,00 l.-gr.	61	13195.1	PK-TS/22/5,08/15	112
12892.1	PKZ 602/16/3,81-V	28	13097.0	PBK 4100/14/5,00 l.-gr.	61	13196.1	PK-TS/23/5,08/15	112
12893.1	PKZ 602/17/3,81-V	28	13098.0	PBK 4100/15/5,00 l.-gr.	61	13197.1	PK-TS/24/5,08/15	112
12894.1	PKZ 602/18/3,81-V	28	13099.0	PBK 4100/16/5,00 l.-gr.	61	13198.1	STL 950/11/5,08-V-F	102
12895.1	PKZ 602/19/3,81-V	28	13100.0	PBK 4100/17/5,00 l.-gr.	61	13199.1	STL 950/12/5,08-V-F	102
12896.1	PKZ 602/20/3,81-V	28	13101.0	PBK 4100/18/5,00 l.-gr.	61	13200.1	STL 950/13/5,08-V-F	102
12897.1	PKZ 602/21/3,81-V	28	13102.0	PBK 4100/19/5,00 l.-gr.	61	13201.1	STL 950/14/5,08-V-F	102
12898.1	PKZ 602/22/3,81-V	28	13103.0	PBK 4100/20/5,00 l.-gr.	61	13202.1	STL 950/15/5,08-V-F	102
12899.1	PKZ 602/23/3,81-V	28	13104.0	PBK 4100/21/5,00 l.-gr.	61	13203.1	STL 950/16/5,08-V-F	102
12900.1	PKZ 602/24/3,81-V	28	13105.0	PBK 4100/22/5,00 l.-gr.	61	13204.1	STL 950/17/5,08-V-F	102
12924.1	PKDZ 770/2/5,08-V	38	13106.0	PBK 4100/23/5,00 l.-gr.	61	13205.1	STL 950/18/5,08-V-F	102

Cat.-No.	Types	Page	Cat.-No.	Types	Page	Cat.-No.	Types	Page
13206.1	STL 950/19/5,08-V-F	102	13302.0	PBK 4291/18/3,50-KD	60	13398.1	PZK 3750/18/5,00-VP	50
13207.1	STL 950/20/5,08-V-F	102	13303.0	PBK 4291/19/3,50-KD	60	13399.1	PZK 3750/19/5,00-VP	50
13208.1	STL 950/21/5,08-V-F	102	13304.0	PBK 4291/20/3,50-KD	60	13400.1	PZK 3750/20/5,00-VP	50
13209.1	STL 950/22/5,08-V-F	102	13305.0	PBK 4291/21/3,50-KD	60	13401.1	PZK 3750/21/5,00-VP	50
13210.1	STL 950/23/5,08-V-F	102	13306.0	PBK 4291/22/3,50-KD	60	13402.1	PZK 3750/22/5,00-VP	50
13211.1	STL 950/24/5,08-V-F	102	13307.0	PBK 4291/23/3,50-KD	60	13403.1	PZK 3750/23/5,00-VP	50
13212.1	PKB 950/11/5,08-F	77	13308.0	PBK 4291/24/3,50-KD	60	13404.1	PZK 3750/24/5,00-VP	50
13213.1	PKB 950/12/5,08-F	77	13310.0	PBK 4291/2/3,50-KDVP	60	13406.1	PZK 3750/2/5,08-VP	51
13214.1	PKB 950/13/5,08-F	77	13311.0	PBK 4291/3/3,50-KDVP	60	13407.1	PZK 3750/3/5,08-VP	51
13215.1	PKB 950/14/5,08-F	77	13312.0	PBK 4291/4/3,50-KDVP	60	13408.1	PZK 3750/4/5,08-VP	51
13216.1	PKB 950/15/5,08-F	77	13313.0	PBK 4291/5/3,50-KDVP	60	13409.1	PZK 3750/5/5,08-VP	51
13217.1	PKB 950/16/5,08-F	77	13314.0	PBK 4291/6/3,50-KDVP	60	13410.1	PZK 3750/6/5,08-VP	51
13218.1	PKB 950/17/5,08-F	77	13315.0	PBK 4291/7/3,50-KDVP	60	13411.1	PZK 3750/7/5,08-VP	51
13219.1	PKB 950/18/5,08-F	77	13316.0	PBK 4291/8/3,50-KDVP	60	13412.1	PZK 3750/8/5,08-VP	51
13220.1	PKB 950/19/5,08-F	77	13317.0	PBK 4291/9/3,50-KDVP	60	13413.1	PZK 3750/9/5,08-VP	51
13221.1	PKB 950/20/5,08-F	77	13318.0	PBK 4291/10/3,50-KDVP	60	13414.1	PZK 3750/10/5,08-VP	51
13222.1	PKB 950/21/5,08-F	77	13319.0	PBK 4291/11/3,50-KDVP	60	13415.1	PZK 3750/11/5,08-VP	51
13223.1	PKB 950/22/5,08-F	77	13320.0	PBK 4291/12/3,50-KDVP	60	13416.1	PZK 3750/12/5,08-VP	51
13226.1	PKB 950/11/5,00-F	75	13321.0	PBK 4291/13/3,50-KDVP	60	13417.1	PZK 3750/13/5,08-VP	51
13227.1	PKB 950/12/5,00-F	75	13322.0	PBK 4291/14/3,50-KDVP	60	13418.1	PZK 3750/14/5,08-VP	51
13228.1	PKB 950/13/5,00-F	75	13323.0	PBK 4291/15/3,50-KDVP	60	13419.1	PZK 3750/15/5,08-VP	51
13229.1	PKB 950/14/5,00-F	75	13324.0	PBK 4291/16/3,50-KDVP	60	13420.1	PZK 3750/16/5,08-VP	51
13230.1	PKB 950/15/5,00-F	75	13325.0	PBK 4291/17/3,50-KDVP	60	13421.1	PZK 3750/17/5,08-VP	51
13231.1	PKB 950/16/5,00-F	75	13326.0	PBK 4291/18/3,50-KDVP	60	13422.1	PZK 3750/18/5,08-VP	51
13232.1	PKB 950/17/5,00-F	75	13327.0	PBK 4291/19/3,50-KDVP	60	13423.1	PZK 3750/19/5,08-VP	51
13233.1	PKB 950/18/5,00-F	75	13328.0	PBK 4291/20/3,50-KDVP	60	13424.1	PZK 3750/20/5,08-VP	51
13234.1	PKB 950/19/5,00-F	75	13329.0	PBK 4291/21/3,50-KDVP	60	13425.1	PZK 3750/21/5,08-VP	51
13235.1	PKB 950/20/5,00-F	75	13330.0	PBK 4291/22/3,50-KDVP	60	13426.1	PZK 3750/22/5,08-VP	51
13236.1	PKB 950/21/5,00-F	75	13331.0	PBK 4291/23/3,50-KDVP	60	13427.1	PZK 3750/23/5,08-VP	51
13237.1	PKB 950/22/5,00-F	75	13332.0	PBK 4291/24/3,50-KDVP	60	13428.1	PZK 3750/24/5,08-VP	51
13238.1	PKB 950/23/5,00-F	75	13334.1	PZK 3750/2/5,00	49	13429.1	STL 970/2/5,08-V-G	105
13239.1	PKB 950/24/5,00-F	75	13335.1	PZK 3750/3/5,00	49	13430.1	STL 970/3/5,08-V-G	105
13240.1	STL 950/11/5,00-V-F	98	13336.1	PZK 3750/4/5,00	49	13431.1	STL 970/4/5,08-V-G	105
13241.1	STL 950/12/5,00-V-F	98	13337.1	PZK 3750/5/5,00	49	13432.1	STL 970/5/5,08-V-G	105
13242.1	STL 950/13/5,00-V-F	98	13338.1	PZK 3750/6/5,00	49	13433.1	STL 970/6/5,08-V-G	105
13243.1	STL 950/14/5,00-V-F	98	13339.1	PZK 3750/7/5,00	49	13434.1	STL 970/7/5,08-V-G	105
13244.1	STL 950/15/5,00-V-F	98	13340.1	PZK 3750/8/5,00	49	13435.1	STL 970/8/5,08-V-G	103
13245.1	STL 950/16/5,00-V-F	98	13341.1	PZK 3750/9/5,00	49	13436.1	STL 970/9/5,08-V-G	105
13246.1	STL 950/17/5,00-V-F	98	13342.1	PZK 3750/10/5,00	49	13437.1	STL 970/10/5,08-V-G	105
13247.1	STL 950/18/5,00-V-F	98	13343.1	PZK 3750/11/5,00	49	13438.1	STL 970/11/5,08-V-G	105
13248.1	STL 950/19/5,00-V-F	98	13344.1	PZK 3750/12/5,00	49	13439.1	STL 970/12/5,08-V-G	105
13249.1	STL 950/20/5,00-V-F	98	13345.1	PZK 3750/13/5,00	49	13440.1	STL 970/2/5,08-H-G	105
13250.1	STL 950/21/5,00-V-F	98	13346.1	PZK 3750/14/5,00	49	13441.1	STL 970/3/5,08-H-G	105
13251.1	STL 950/22/5,00-V-F	98	13347.1	PZK 3750/15/5,00	49	13442.1	STL 970/4/5,08-H-G	105
13252.1	STL 950/23/5,00-V-F	98	13348.1	PZK 3750/16/5,00	49	13443.1	STL 970/5/5,08-H-G	105
13253.1	STL 950/24/5,00-V-F	98	13349.1	PZK 3750/17/5,00	49	13444.1	STL 970/6/5,08-H-G	105
13254.1	STL 950/11/5,00-H-F	98	13350.1	PZK 3750/18/5,00	49	13445.1	STL 970/7/5,08-H-G	105
13255.1	STL 950/12/5,00-H-F	98	13351.1	PZK 3750/19/5,00	49	13446.1	STL 970/8/5,08-H-G	105
13256.1	STL 950/13/5,00-H-F	98	13352.1	PZK 3750/20/5,00	49	13447.1	STL 970/9/5,08-H-G	105
13257.1	STL 950/14/5,00-H-F	98	13353.1	PZK 3750/21/5,00	49	13448.1	STL 970/10/5,08-H-G	105
13258.1	STL 950/15/5,00-H-F	98	13354.1	PZK 3750/22/5,00	49	13449.1	STL 970/11/5,08-H-G	105
13259.1	STL 950/16/5,00-H-F	98	13355.1	PZK 3750/23/5,00	49	13450.1	STL 970/12/5,08-H-G	105
13260.1	STL 950/17/5,00-H-F	98	13356.1	PZK 3750/24/5,00	49	13451.1	STL 970/2/5,08-V-F	106
13261.1	STL 950/18/5,00-H-F	98	13358.1	PZK 3750/2/5,08	50	13452.1	STL 970/3/5,08-V-F	106
13262.1	STL 950/19/5,00-H-F	98	13359.1	PZK 3750/3/5,08	50	13453.1	STL 970/4/5,08-V-F	106
13263.1	STL 950/20/5,00-H-F	98	13360.1	PZK 3750/4/5,08	50	13454.1	STL 970/5/5,08-V-F	106
13264.1	STL 950/21/5,00-H-F	98	13361.1	PZK 3750/5/5,08	50	13455.1	STL 970/6/5,08-V-F	106
13265.1	STL 950/22/5,00-H-F	98	13362.1	PZK 3750/6/5,08	50	13456.1	STL 970/7/5,08-V-F	106
13266.1	STL 950/23/5,00-H-F	98	13363.1	PZK 3750/7/5,08	50	13457.1	STL 970/8/5,08-V-F	106
13267.1	STL 950/24/5,00-H-F	98	13364.1	PZK 3750/8/5,08	50	13458.1	STL 970/9/5,08-V-F	106
13268.1	STL 950/11/5,08-H-F	102	13365.1	PZK 3750/9/5,08	50	13459.1	STL 970/10/5,08-V-F	106
13269.1	STL 950/12/5,08-H-F	102	13366.1	PZK 3750/10/5,08	50	13460.1	STL 970/11/5,08-V-F	106
13270.1	STL 950/13/5,08-H-F	102	13367.1	PZK 3750/11/5,08	50	13461.1	STL 970/12/5,08-V-F	106
13271.1	STL 950/14/5,08-H-F	102	13368.1	PZK 3750/12/5,08	50	13462.1	STL 970/2/5,08-H-F	106
13272.1	STL 950/15/5,08-H-F	102	13369.1	PZK 3750/13/5,08	50	13463.1	STL 970/3/5,08-H-F	106
13273.1	STL 950/16/5,08-H-F	102	13370.1	PZK 3750/14/5,08	50	13464.1	STL 970/4/5,08-H-F	106
13274.1	STL 950/17/5,08-H-F	102	13371.1	PZK 3750/15/5,08	50	13465.1	STL 970/5/5,08-H-F	106
13275.1	STL 950/18/5,08-H-F	102	13372.1	PZK 3750/16/5,08	50	13466.1	STL 970/6/5,08-H-F	106
13276.1	STL 950/19/5,08-H-F	102	13373.1	PZK 3750/17/5,08	50	13467.1	STL 970/7/5,08-H-F	106
13277.1	STL 950/20/5,08-H-F	102	13374.1	PZK 3750/18/5,08	50	13468.1	STL 970/8/5,08-H-F	106
13278.1	STL 950/21/5,08-H-F	102	13375.1	PZK 3750/19/5,08	50	13469.1	STL 970/9/5,08-H-F	106
13279.1	STL 950/22/5,08-H-F	102	13376.1	PZK 3750/20/5,08	50	13470.1	STL 970/10/5,08-H-F	106
13280.1	STL 950/23/5,08-H-F	102	13377.1	PZK 3750/21/5,08	50	13471.1	STL 970/11/5,08-H-F	106
13281.1	STL 950/24/5,08-H-F	102	13378.1	PZK 3750/22/5,08	50	13472.1	STL 970/12/5,08-H-F	106
13283.8	AD/PK yellow	125	13379.1	PZK 3750/23/5,08	50	13473.1	PK 500/13/10,00-V	23
13284.1	BLS-STL	125	13380.1	PZK 3750/24/5,08	50	13473.4	PK 500/13/10,00-V d. grey	23
13286.0	PBK 4291/2/3,50-KD	60	13382.1	PZK 3750/2/5,00-VP	50	13474.1	PK 500/14/10,00-V	23
13287.0	PBK 4291/3/3,50-KD	60	13383.1	PZK 3750/3/5,00-VP	50	13474.4	PK 500/14/10,00-V d. grey	23
13288.0	PBK 4291/4/3,50-KD	60	13384.1	PZK 3750/4/5,00-VP	50	13475.1	PK 500/15/10,00-V	23
13289.0	PBK 4291/5/3,50-KD	60	13385.1	PZK 3750/5/5,00-VP	50	13475.4	PK 500/15/10,00-V d. grey	23
13290.0	PBK 4291/6/3,50-KD	60	13386.1	PZK 3750/6/5,00-VP	50	13476.1	PK 500/16/10,00-V	23
13291.0	PBK 4291/7/3,50-KD	60	13387.1	PZK 3750/7/5,00-VP	50	13476.4	PK 500/16/10,00-V d. grey	23
13292.0	PBK 4291/8/3,50-KD	60	13388.1	PZK 3750/8/5,00-VP	50	13477.1	PK 500/17/10,00-V	23
13293.0	PBK 4291/9/3,50-KD	60	13389.1	PZK 3750/9/5,00-VP	50	13477.4	PK 500/17/10,00-V d. grey	23
13294.0	PBK 4291/10/3,50-KD	60	13390.1	PZK 3750/10/5,00-VP	50	13478.1	PK 500/18/10,00-V	23
13295.0	PBK 4291/11/3,50-KD	60	13391.1	PZK 3750/11/5,00-VP	50	13478.4	PK 500/18/10,00-V d. grey	23
13296.0	PBK 4291/12/3,50-KD	60	13392.1	PZK 3750/12/5,00-VP	50	13479.1	PK 500/19/10,00-V	23
13297.0	PBK 4291/13/3,50-KD	60	13393.1	PZK 3750/13/5,00-VP	50	13479.4	PK 500/19/10,00-V d. grey	23
13298.0	PBK 4291/14/3,50-KD	60	13394.1	PZK 3750/14/5,00-VP	50	13480.1	PK 500/20/10,00-V	23
13299.0	PBK 4291/15/3,50-KD	60	13395.1	PZK 3750/15/5,00-VP	50	13480.4	PK 500/20/10,00-V d. grey	23
13300.0	PBK 4291/16/3,50-KD	60	13396.1	PZK 3750/16/5,00-VP	50	13481.1	PK 500/21/10,00-V	23
13301.0	PBK 4291/17/3,50-KD	60	13397.1	PZK 3750/17/5,00-VP	50	13481.4	PK 500/21/10,00-V d. grey	23



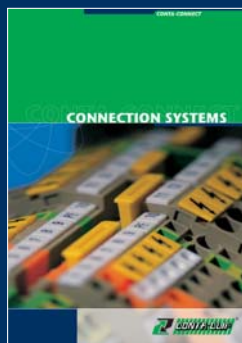
<b>Cat.-No.</b>	<b>Types</b>	<b>Page</b>	<b>Cat.-No.</b>	<b>Types</b>	<b>Page</b>	<b>Cat.-No.</b>	<b>Types</b>	<b>Page</b>
13638.1	<b>PKB 130/12/5,08-BL</b>	69	13726.1	<b>PKB 1550/11/3,50-F</b>	72	13818.1	<b>STL 1550/14/3,81-H-F</b>	93
13638.4	<b>PKB 130/12/5,08-BL d. grey</b>	69	13727.1	<b>PKB 1550/12/3,50-F</b>	72	13819.1	<b>STL 1550/15/3,81-H-F</b>	93
13639.1	<b>PKB 130/13/5,08-BL</b>	69	13728.1	<b>PKB 1550/13/3,50-F</b>	72	13820.1	<b>STL 1550/16/3,81-H-F</b>	93
13639.4	<b>PKB 130/13/5,08-BL d. grey</b>	69	13729.1	<b>PKB 1550/14/3,50-F</b>	72	13821.1	<b>STL 1550/17/3,81-H-F</b>	93
13640.1	<b>PKB 130/14/5,08-BL</b>	69	13730.1	<b>PKB 1550/15/3,50-F</b>	72	13822.1	<b>STL 1550/18/3,81-H-F</b>	93
13640.4	<b>PKB 130/14/5,08-BL d. grey</b>	69	13731.1	<b>PKB 1550/16/3,50-F</b>	72	13823.1	<b>STL 1550/19/3,81-H-F</b>	93
13641.1	<b>PKB 130/15/5,08-BL</b>	69	13732.1	<b>PKB 1550/17/3,50-F</b>	72	13824.1	<b>STL 1550/20/3,81-H-F</b>	93
13641.4	<b>PKB 130/15/5,08-BL d. grey</b>	69	13733.1	<b>PKB 1550/18/3,50-F</b>	72	13825.1	<b>PK-TS/2/5,08-F/15</b>	112
13642.1	<b>PKB 130/16/5,08-BL</b>	69	13734.1	<b>PKB 1550/2/3,81-F</b>	73	13826.1	<b>PK-TS/3/5,08-F/15</b>	112
13642.4	<b>PKB 130/16/5,08-BL d. grey</b>	69	13735.1	<b>PKB 1550/3/3,81-F</b>	73	13827.1	<b>PK-TS/4/5,08-F/15</b>	112
13643.1	<b>PKB 130/2/10,16-BL</b>	70	13736.1	<b>PKB 1550/4/3,81-F</b>	73	13828.1	<b>PK-TS/5/5,08-F/15</b>	112
13643.4	<b>PKB 130/2/10,16-BL d. grey</b>	70	13737.1	<b>PKB 1550/5/3,81-F</b>	73	13829.1	<b>PK-TS/6/5,08-F/15</b>	112
13644.1	<b>PKB 130/3/10,16-BL</b>	70	13738.1	<b>PKB 1550/6/3,81-F</b>	73	13830.1	<b>PK-TS/7/5,08-F/15</b>	112
13644.4	<b>PKB 130/3/10,16-BL d. grey</b>	70	13739.1	<b>PKB 1550/7/3,81-F</b>	73	13831.1	<b>PK-TS/8/5,08-F/15</b>	112
13645.1	<b>PKB 130/4/10,16-BL</b>	70	13740.1	<b>PKB 1550/8/3,81-F</b>	73	13832.1	<b>PK-TS/9/5,08-F/15</b>	112
13645.4	<b>PKB 130/4/10,16-BL d. grey</b>	70	13741.1	<b>PKB 1550/9/3,81-F</b>	73	13833.1	<b>PK-TS/10/5,08-F/15</b>	112
13646.1	<b>PKB 130/5/10,16-BL</b>	70	13742.1	<b>PKB 1550/10/3,81-F</b>	73	13834.1	<b>PK-TS/11/5,08-F/15</b>	112
13646.4	<b>PKB 130/5/10,16-BL d. grey</b>	70	13743.1	<b>PKB 1550/11/3,81-F</b>	73	13835.1	<b>PK-TS/12/5,08-F/15</b>	112
13647.1	<b>PKB 130/6/10,16-BL</b>	70	13744.1	<b>PKB 1550/12/3,81-F</b>	73	13836.1	<b>PK-TS/13/5,08-F/15</b>	112
13647.4	<b>PKB 130/6/10,16-BL d. grey</b>	70	13745.1	<b>PKB 1550/13/3,81-F</b>	73	13837.1	<b>PK-TS/14/5,08-F/15</b>	112
13648.1	<b>PKB 130/7/10,16-BL</b>	70	13746.1	<b>PKB 1550/14/3,81-F</b>	73	13838.1	<b>PK-TS/15/5,08-F/15</b>	112
13648.4	<b>PKB 130/7/10,16-BL d. grey</b>	70	13747.1	<b>PKB 1550/15/3,81-F</b>	73	13839.1	<b>PK-TS/16/5,08-F/15</b>	112
13649.1	<b>PKB 130/8/10,16-BL</b>	70	13748.1	<b>PKB 1550/16/3,81-F</b>	73	13840.1	<b>PK-TS/17/5,08-F/15</b>	112
13649.4	<b>PKB 130/8/10,16-BL d. grey</b>	70	13749.1	<b>PKB 1550/17/3,81-F</b>	73	13841.1	<b>PK-TS/18/5,08-F/15</b>	112
13650.4	<b>STL 130/2/5,08-V black</b>	87	13750.1	<b>PKB 1550/18/3,81-F</b>	73	13842.1	<b>PK-TS/19/5,08-F/15</b>	112
13651.4	<b>STL 130/3/5,08-V black</b>	87	13751.1	<b>PKB 1550/19/3,81-F</b>	73	13843.1	<b>PK-TS/20/5,08-F/15</b>	112
13652.4	<b>STL 130/4/5,08-V black</b>	87	13752.1	<b>PKB 1550/20/3,81-F</b>	73	13844.1	<b>PK-TS/21/5,08-F/15</b>	112
13653.4	<b>STL 130/5/5,08-V black</b>	87	13753.1	<b>STL 1550/2/3,50-V-F</b>	91	13845.1	<b>PK-TS/22/5,08-F/15</b>	112
13654.4	<b>STL 130/6/5,08-V black</b>	87	13754.1	<b>STL 1550/3/3,50-V-F</b>	91	13846.1	<b>PK-TS/23/5,08-F/15</b>	112
13655.4	<b>STL 130/7/5,08-V black</b>	87	13755.1	<b>STL 1550/4/3,50-V-F</b>	91	13847.1	<b>PK-TS/24/5,08-F/15</b>	112
13656.4	<b>STL 130/8/5,08-V black</b>	87	13756.1	<b>STL 1550/5/3,50-V-F</b>	91	13848.1	<b>PK-TS/2/5,08-F</b>	112
13657.4	<b>STL 130/9/5,08-V black</b>	87	13757.1	<b>STL 1550/6/3,50-V-F</b>	91	13849.1	<b>PK-TS/3/5,08-F</b>	112
13658.4	<b>STL 130/10/5,08-V black</b>	87	13758.1	<b>STL 1550/7/3,50-V-F</b>	91	13850.1	<b>PK-TS/4/5,08-F</b>	112
13659.4	<b>STL 130/11/5,08-V black</b>	87	13759.1	<b>STL 1550/8/3,50-V-F</b>	91	13851.1	<b>PK-TS/5/5,08-F</b>	112
13660.4	<b>STL 130/12/5,08-V black</b>	87	13760.1	<b>STL 1550/9/3,50-V-F</b>	91	13852.1	<b>PK-TS/6/5,08-F</b>	112
13661.4	<b>STL 130/13/5,08-V black</b>	87	13761.1	<b>STL 1550/10/3,50-V-F</b>	91	13853.1	<b>PK-TS/7/5,08-F</b>	112
13662.4	<b>STL 130/14/5,08-V black</b>	87	13762.1	<b>STL 1550/11/3,50-V-F</b>	91	13854.1	<b>PK-TS/8/5,08-F</b>	112
13663.4	<b>STL 130/15/5,08-V black</b>	87	13763.1	<b>STL 1550/12/3,50-V-F</b>	91	13855.1	<b>PK-TS/9/5,08-F</b>	112
13664.4	<b>STL 130/16/5,08-V black</b>	87	13764.1	<b>STL 1550/13/3,50-V-F</b>	91	13856.1	<b>PK-TS/10/5,08-F</b>	112
13673.4	<b>STL 140/2/5,08-H black</b>	88	13765.1	<b>STL 1550/14/3,50-V-F</b>	91	13857.1	<b>PK-TS/11/5,08-F</b>	112
13674.4	<b>STL 140/3/5,08-H black</b>	88	13766.1	<b>STL 1550/15/3,50-V-F</b>	91	13858.1	<b>PK-TS/12/5,08-F</b>	112
13675.4	<b>STL 140/4/5,08-H black</b>	88	13767.1	<b>STL 1550/16/3,50-V-F</b>	91	13859.1	<b>PK-TS/13/5,08-F</b>	112
13676.4	<b>STL 140/5/5,08-H black</b>	88	13768.1	<b>STL 1550/17/3,50-V-F</b>	91	13860.1	<b>PK-TS/14/5,08-F</b>	112
13677.4	<b>STL 140/6/5,08-H black</b>	88	13769.1	<b>STL 1550/18/3,50-V-F</b>	91	13861.1	<b>PK-TS/15/5,08-F</b>	112
13678.4	<b>STL 140/7/5,08-H black</b>	88	13770.1	<b>STL 1550/2/3,50-H-F</b>	91	13862.1	<b>PK-TS/16/5,08-F</b>	112
13679.4	<b>STL 140/8/5,08-H black</b>	88	13771.1	<b>STL 1550/3/3,50-H-F</b>	91	13863.1	<b>PK-TS/17/5,08-F</b>	112
13680.4	<b>STL 140/9/5,08-H black</b>	88	13772.1	<b>STL 1550/4/3,50-H-F</b>	91	13864.1	<b>PK-TS/18/5,08-F</b>	112
13681.4	<b>STL 140/10/5,08-H black</b>	88	13773.1	<b>STL 1550/5/3,50-H-F</b>	91	13865.1	<b>PK-TS/19/5,08-F</b>	112
13682.4	<b>STL 140/11/5,08-H black</b>	88	13774.1	<b>STL 1550/6/3,50-H-F</b>	91	13866.1	<b>PK-TS/20/5,08-F</b>	112
13683.4	<b>STL 140/12/5,08-H black</b>	88	13775.1	<b>STL 1550/7/3,50-H-F</b>	91	13867.1	<b>PK-TS/21/5,08-F</b>	112
13684.4	<b>STL 140/13/5,08-H black</b>	88	13776.1	<b>STL 1550/8/3,50-H-F</b>	91	13868.1	<b>PK-TS/22/5,08-F</b>	112
13685.4	<b>STL 140/14/5,08-H black</b>	88	13777.1	<b>STL 1550/9/3,50-H-F</b>	91	13869.1	<b>PK-TS/23/5,08-F</b>	112
13686.4	<b>STL 140/15/5,08-H black</b>	88	13778.1	<b>STL 1550/10/3,50-H-F</b>	91	13870.1	<b>PK-TS/24/5,08-F</b>	112
13687.4	<b>STL 140/16/5,08-H black</b>	88	13779.1	<b>STL 1550/11/3,50-H-F</b>	91	13871.1	<b>STL 950/2/5,08-V-G-L</b>	119
13688.4	<b>STL 140/17/5,08-H black</b>	88	13780.1	<b>STL 1550/12/3,50-H-F</b>	91	13872.1	<b>STL 950/3/5,08-V-G-L</b>	119
13689.4	<b>STL 140/18/5,08-H black</b>	88	13781.1	<b>STL 1550/13/3,50-H-F</b>	91	13873.1	<b>STL 950/4/5,08-V-G-L</b>	119
13690.4	<b>STL 140/19/5,08-H black</b>	88	13782.1	<b>STL 1550/14/3,50-H-F</b>	91	13874.1	<b>STL 950/5/5,08-V-G-L</b>	119
13691.4	<b>STL 140/20/5,08-H black</b>	88	13783.1	<b>STL 1550/15/3,50-H-F</b>	91	13875.1	<b>STL 950/6/5,08-V-G-L</b>	119
13692.4	<b>STL 140/21/5,08-H black</b>	88	13784.1	<b>STL 1550/16/3,50-H-F</b>	91	13876.1	<b>STL 950/7/5,08-V-G-L</b>	119
13693.4	<b>STL 140/22/5,08-H black</b>	88	13785.1	<b>STL 1550/17/3,50-H-F</b>	91	13877.1	<b>STL 950/8/5,08-V-G-L</b>	119
13694.4	<b>STL 140/23/5,08-H black</b>	88	13786.1	<b>STL 1550/18/3,50-H-F</b>	91	13878.1	<b>STL 950/9/5,08-V-G-L</b>	119
13695.4	<b>STL 140/24/5,08-H black</b>	88	13787.1	<b>STL 1550/2/3,81-V-F</b>	93	13879.1	<b>STL 950/10/5,08-V-G-L</b>	119
13696.4	<b>STL 130/2/10,16-V black</b>	89	13788.1	<b>STL 1550/3/3,81-V-F</b>	93	13900.4	<b>PKB 1350/2/3,50</b>	68
13697.4	<b>STL 130/3/10,16-V black</b>	89	13789.1	<b>STL 1550/4/3,81-V-F</b>	93	13901.4	<b>PKB 1350/3/3,50</b>	68
13698.4	<b>STL 130/4/10,16-V black</b>	89	13790.1	<b>STL 1550/5/3,81-V-F</b>	93	13902.4	<b>PKB 1350/4/3,50</b>	68
13699.4	<b>STL 130/5/10,16-V black</b>	89	13791.1	<b>STL 1550/6/3,81-V-F</b>	93	13903.4	<b>PKB 1350/5/3,50</b>	68
13700.4	<b>STL 130/6/10,16-V black</b>	89	13792.1	<b>STL 1550/7/3,81-V-F</b>	93	13904.4	<b>PKB 1350/6/3,50</b>	68
13701.4	<b>STL 130/7/10,16-V black</b>	89	13793.1	<b>STL 1550/8/3,81-V-F</b>	93	13905.4	<b>PKB 1350/7/3,50</b>	68
13702.4	<b>STL 130/8/10,16-V black</b>	89	13794.1	<b>STL 1550/9/3,81-V-F</b>	93	13906.4	<b>PKB 1350/8/3,50</b>	68
13703.4	<b>STL 130/9/10,16-V black</b>	89	13795.1	<b>STL 1550/10/3,81-V-F</b>	93	13907.4	<b>PKB 1350/9/3,50</b>	68
13704.4	<b>STL 130/10/10,16-V black</b>	89	13796.1	<b>STL 1550/11/3,81-V-F</b>	93	13908.4	<b>PKB 1350/10/3,50</b>	68
13705.4	<b>STL 130/11/10,16-V black</b>	89	13797.1	<b>STL 1550/12/3,81-V-F</b>	93	13909.4	<b>PKB 1350/11/3,50</b>	68
13706.4	<b>STL 130/12/10,16-V black</b>	89	13798.1	<b>STL 1550/13/3,81-V-F</b>	93	13910.4	<b>PKB 1350/12/3,50</b>	68
13707.1	<b>PKB 950/23/5,08-F</b>	77	13799.1	<b>STL 1550/14/3,81-V-F</b>	93	13911.4	<b>STL 1350/2/3,50-V</b>	84
13708.1	<b>PKB 950/24/5,08-F</b>	77	13800.1	<b>STL 1550/15/3,81-V-F</b>	93	13912.4	<b>STL 1350/3/3,50-V</b>	84
13709.1	<b>STL 1550/17/3,81-V-G</b>	92	13801.1	<b>STL 1550/16/3,81-V-F</b>	93	13913.4	<b>STL 1350/4/3,50-V</b>	84
13710.1	<b>STL 1550/18/3,81-V-G</b>	92	13802.1	<b>STL 1550/17/3,81-V-F</b>	93	13914.4	<b>STL 1350/5/3,50-V</b>	84
13711.1	<b>STL 1550/19/3,81-V-G</b>	92	13803.1	<b>STL 1550/18/3,81-V-F</b>	93	13915.4	<b>STL 1350/6/3,50-V</b>	84
13712.1	<b>STL 1550/20/3,81-V-G</b>	92	13804.1	<b>STL 1550/19/3,81-V-F</b>	93	13916.4	<b>STL 1350/7/3,50-V</b>	84
13713.1	<b>STL 1550/17/3,81-H-G</b>	92	13805.1	<b>STL 1550/20/3,81-V-F</b>	93	13917.4	<b>STL 1350/8/3,50-V</b>	84
13714.1	<b>STL 1550/18/3,81-H-G</b>	92	13806.1	<b>STL 1550/2/3,81-H-F</b>	93	13918.4	<b>STL 1350/9/3,50-V</b>	84
13715.1	<b>STL 1550/19/3,81-H-G</b>	92	13807.1	<b>STL 1550/3/3,81-H-F</b>	93	13919.4	<b>STL 1350/10/3,50-V</b>	84
13716.1	<b>STL 1550/20/3,81-H-G</b>	92	13808.1	<b>STL 1550/4/3,81-H-F</b>	93	13920.4	<b>STL 1350/11/3,50-V</b>	84
13717.1	<b>PKB 1550/2/3,50-F</b>	72	13809.1	<b>STL 1550/5/3,81-H-F</b>	93	13921.4	<b>STL 1350/12/3,50-V</b>	84
13718.1	<b>PKB 1550/3/3,50-F</b>	72	13810.1	<b>STL 1550/6/3,81-H-F</b>	93	13922.4	<b>STL 1350/13/3,50-V</b>	84
13719.1	<b>PKB 1550/4/3,50-F</b>	72	13811.1	<b>STL 1550/7/3,81-H-F</b>	93	13923.4	<b>STL 1350/14/3,50-V</b>	84
13720.1	<b>PKB 1550/5/3,50-F</b>	72	13812.1	<b>STL 1550/8/3,81-H-F</b>	93	13924.4	<b>STL 1350/15/3,50-V</b>	84
13721.1	<b>PKB 1550/6/3,50-F</b>	72	13813.1	<b>STL 1550/9/3,81-H-F</b>	93	13925.4	<b>STL 1350/16/3,50-V</b>	84
13722.1	<b>PKB 1550/7/3,50-F</b>	72	13814.1	<b>STL 1550/10/3,81-H-F</b>	93	13926.4	<b>STL 1350/17/3,50-V</b>	84
13723.1	<b>PKB 1550/8/3,50-F</b>	72						



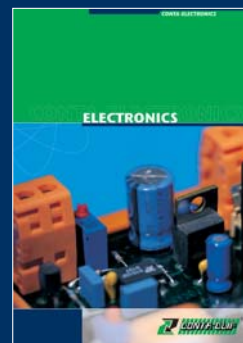


## Overview of our program

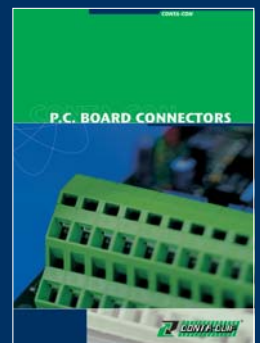
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