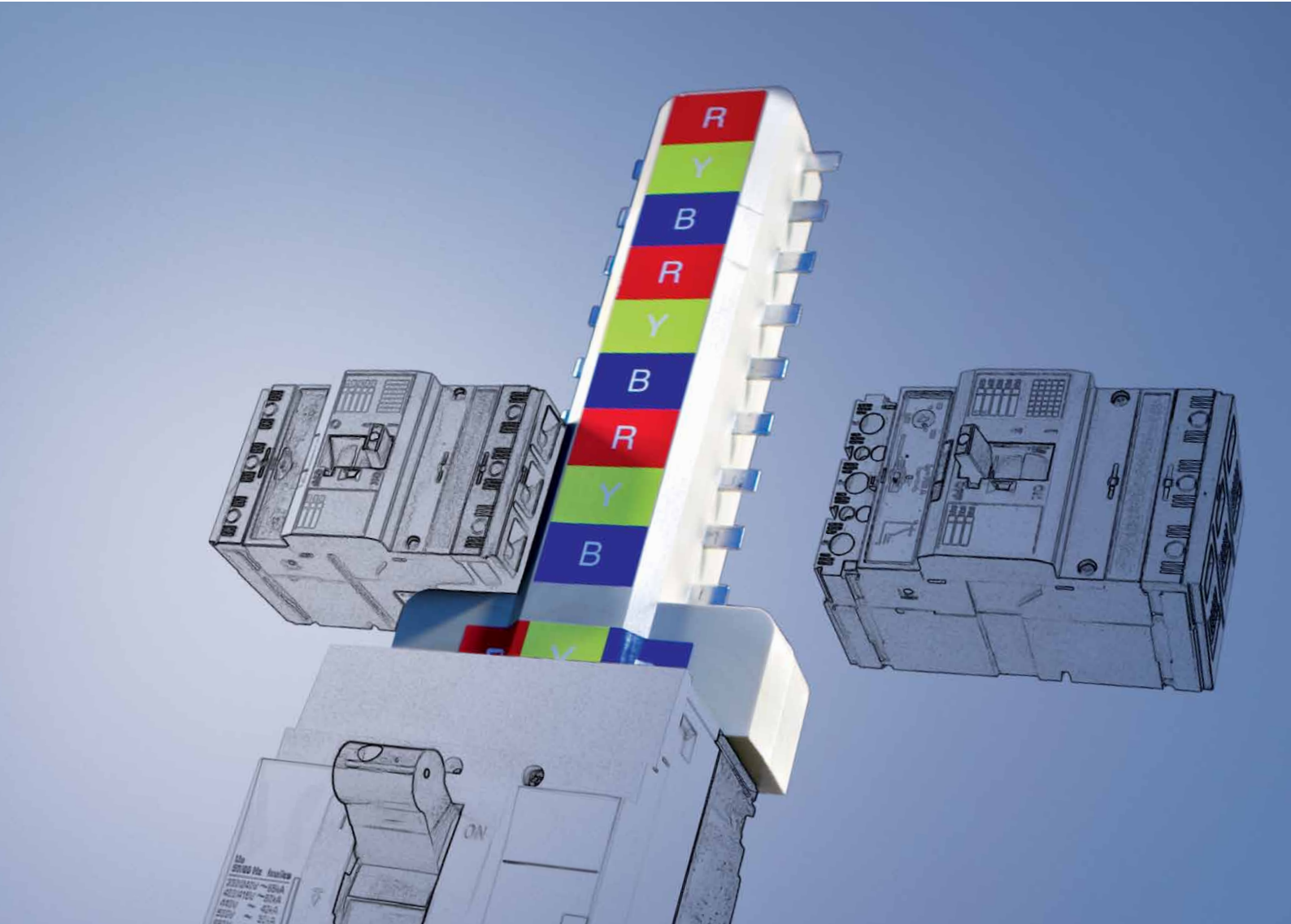
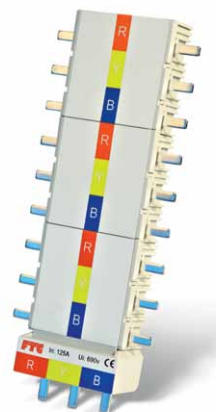


CONNECTING  
VISIONS

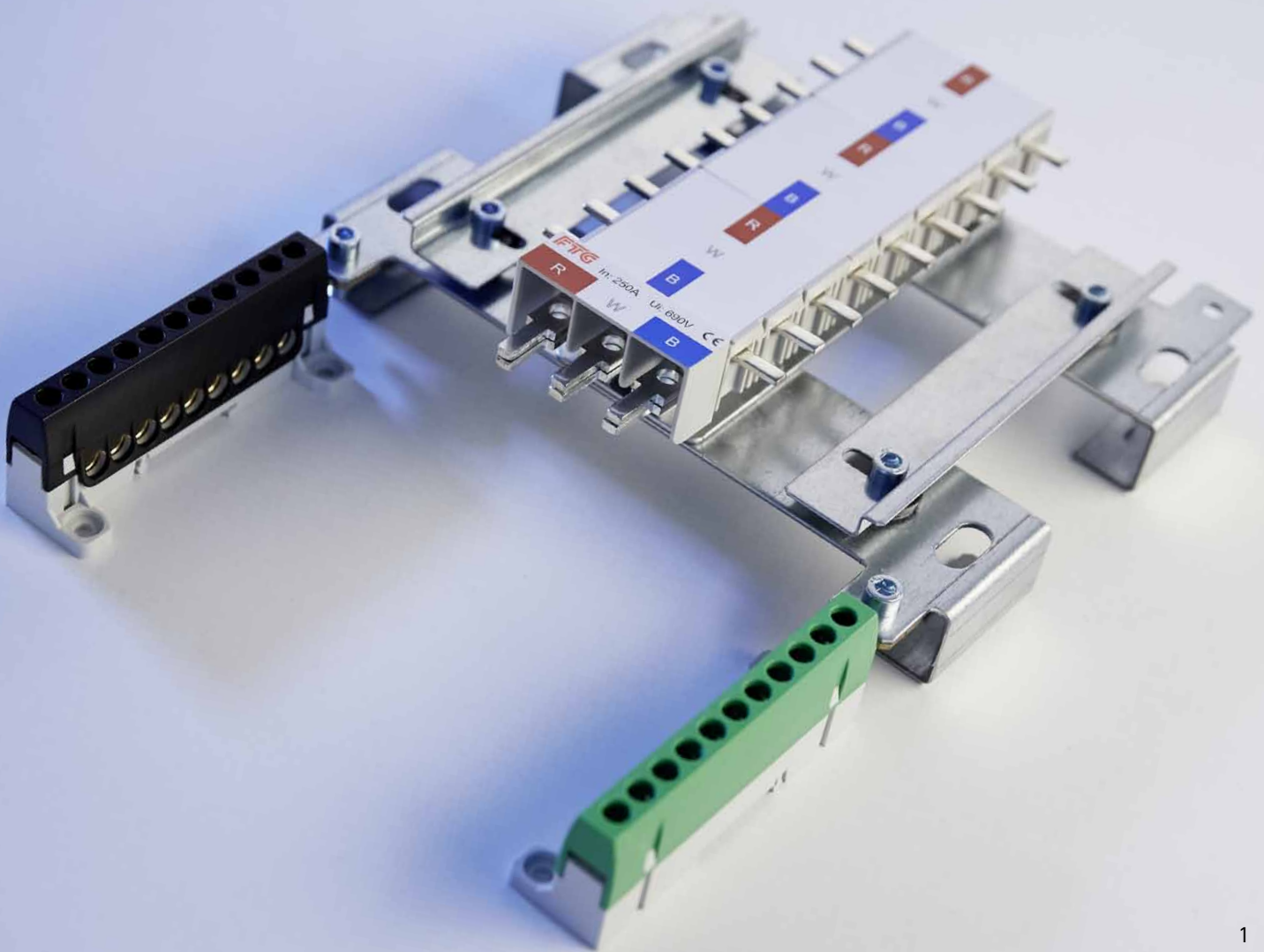


# Equipment for Load Centers

Pan assembly systems



# Vertical Busbars Air / Resin Moulded for MCB's



1

**Air insulated busbars.** The FTG VBA-system impresses by its economic efficiency. An attractive price is accompanied by a time saving feature of about 30% for mounting the busbars compared with extensive wiring! Due to the compact construction space will be saved besides time, connection errors will be minimized. A wide selection of various designs covers any mounting requirement. Besides the standard range FTG develops and manufactures custom made solutions based on your very special demands.

VBA – Air insulated busbars	
no. of phases	3
triple pole ways	4 - 24
type	pin
ampere rate	125 A / 250 A
incomer	pin or bolt connection 18 mm pitch
outgoings	pin 18 mm, direct
conductors	copper, tin plated
max. operating voltage	690 V
protection	IP 20
regulations	IEC 61439-1 (-2), ASTA

Triple pole way	Busbar 125 A	Pan assembly 125A (including chassis)	Busbar 250 A	Pan assembly 250A (including chassis)
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Air Pans 3 pole: Incomer 18 mm | Output 18 mm

4	A104...3P18P00-01	P104...3P18P01-01	A204...3P18P00-01	P204...3P18P01-01
6	A106...3P18P00-01	P106...3P18P01-01	A206...3P18P00-01	P206...3P18P01-01
8	A108...3P18P00-01	P108...3P18P01-01	A208...3P18P00-01	P208...3P18P01-01
10	A110...3P18P00-01	P110...3P18P01-01	A210...3P18P00-01	P210...3P18P01-01
12	A112...3P18P00-01	P112...3P18P01-01	A212...3P18P00-01	P212...3P18P01-01
14	A114...3P18P00-01	P114...3P18P01-01	A214...3P18P00-01	P214...3P18P01-01
16	A116...3P18P00-01	P116...3P18P01-01	A216...3P18P00-01	P216...3P18P01-01
18	A118...3P18P00-01	P118...3P18P01-01	A218...3P18P00-01	P218...3P18P01-01
20	A120...3P18P00-01	P120...3P18P01-01	A220...3P18P00-01	P220...3P18P01-01
22	A122...3P18P00-01	P122...3P18P01-01	A222...3P18P00-01	P222...3P18P01-01
24	A124...3P18P00-01	P124...3P18P01-01	A224...3P18P00-01	P224...3P18P01-01

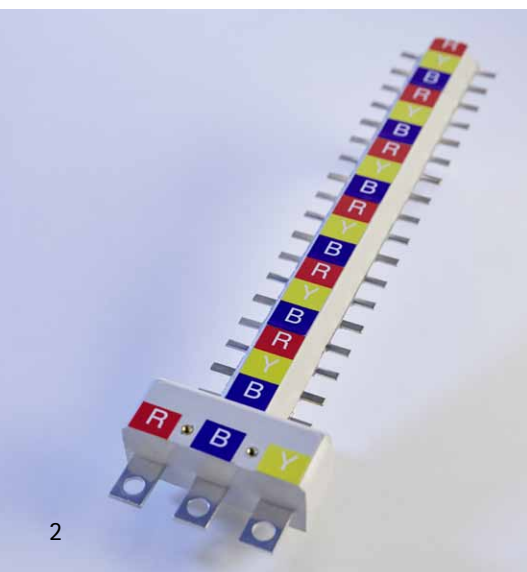


Bild 1: Pan Assembly auf Stahlplatte | Bild 2: B212M3L35P00-01

Triple pole way	Busbar 125 A Incomer 18 mm	Busbar 250 A Incomer 35 mm
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Busbars 3 pole resin moulded: Output 18 mm

4	B104...3P18P00-01	B204...3L35P00-01
6	B106...3P18P00-01	B206...3L35P00-01
8	B108...3P18P00-01	B208...3L35P00-01
10	B110...3P18P00-01	B210...3L35P00-01
12	B112...3P18P00-01	B212...3L35P00-01
14	B114...3P18P00-01	B214...3L35P00-01
16	B116...3P18P00-01	B216...3L35P00-01
18	B118...3P18P00-01	B218...3L35P00-01
20	B120...3P18P00-01	B220...3L35P00-01
22	B122...3P18P00-01	B222...3L35P00-01
24	B124...3P18P00-01	B224...3L35P00-01

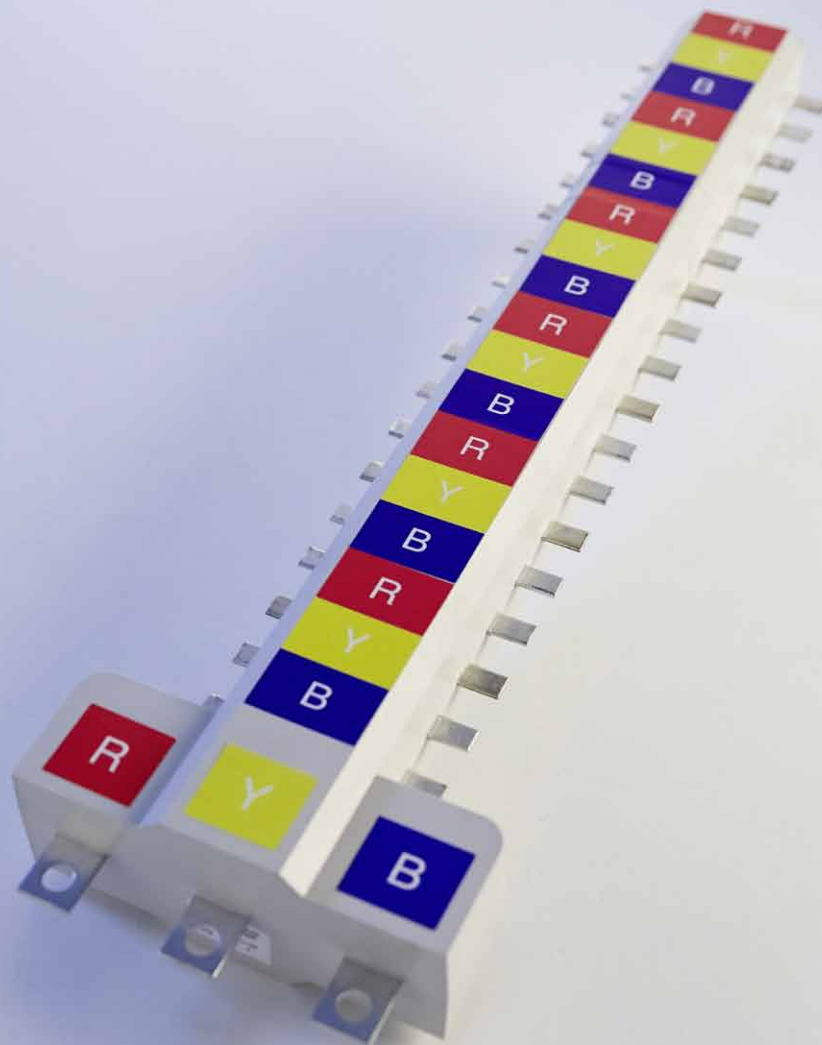
### available types of labels

K Untd. Kingdom	M Middle East	O Oceania
<b>L1</b> brown	<b>R</b> red	<b>L1</b> red
<b>L2</b> black	<b>Y</b> yellow	<b>L2</b> white
<b>L3</b> grey	<b>B</b> blue	<b>L3</b> dark blue

Please replace the ... in the table with K, M or O

For example: B104**M**3P18P00-01

# Vertical busbars resin Moulded for MCCB's



3

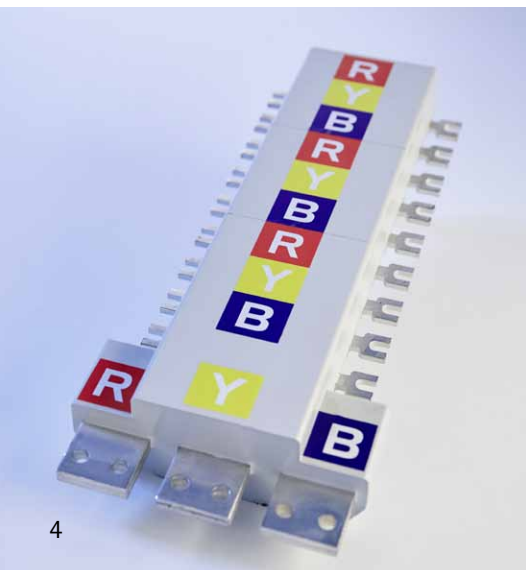
VBR – Resin moulded busbars	
no. of phases	3
triple pole ways	4 - 18
type	pin and fork
ampere rate	250 A - 800 A
incomer	bolt 52.5 or 63.5 mm
outgoings	pin or fork 25.4 or 35 mm
conductors	copper, tin plated
max. operating voltage	690 V
protection	IP 20
regulations	IEC 61439-1

**Resin moulded busbars.** The fully sealed-in vertical bars from FTG are a safe choice. As well as the air insulated version, this high quality design saves space in the mounting situation. The range covers bars with up to 24 ways and a maximum current load of 800 Ampere! The resin moulded busbars are thus the appropriate alternative when the specification asks for especially durable products. More than 50 different types are available as standard versions. This allows covering all common requirements.

Triple pole way	Busbar 250A	Busbar 400A	Busbar 630A
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Busbars 3 pole resin moulded for MCCB's: Incomer 52,5 mm | Output 25,4 mm

4	B204...3L50P10-01	B404...3L50P10-01	B604...3L50P10-01
6	B206...3L50P10-01	B406...3L50P10-01	B606...3L50P10-01
8	B208...3L50P10-01	B408...3L50P10-01	B608...3L50P10-01
12	B212...3L50P10-01	B412...3L50P10-01	B612...3L50P10-01



4

Bild 3: B212M3L50P10-01 | Bild 4: B806M3L60P20-01

Triple pole way	"Busbar 800A Pin type "	"Busbar 800A Fork type "
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Busbars 3 pole resin moulded for MCCB's: Incomer 63,5 mm | Output 35 mm

4	B804...3L60P20-01	B804...3L60F20-01
6	B806...3L60P20-01	B806...3L60F20-01
8	B808...3L60P20-01	B808...3L60F20-01
10	B810...3L60P20-01	B810...3L60F20-01
12	B812...3L60P20-01	B812...3L60F20-01
14	B814...3L60P20-01	B814...3L60F20-01
16	B816...3L60P20-01	B816...3L60F20-01
18	B818...3L60P20-01	B818...3L60F20-01

### available types of labels

K Untd. Kingdom	M Middle East	O Oceania
L1 brown	R red	L1 red
L2 black	Y yellow	L2 white
L3 grey	B blue	L3 dark blue

Please replace the ... in the table with K, M or O










For example: B804**M**3L60P20-01

# Accessories

Item No. FTG	Type	Pole	Incoming (mm)	Outgoing (mm)	Pole	Way	Item No. Mounting kit
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ACCI125-25-60	ACC	3	25	18	-	-	Spreader kit 25mm, incl. Screw set
ACCI125-35-60	ACC	3	35	18	-	-	Spreader kit 35mm, incl screw set
ACCI250-25-60	ACC	3	25	18	-	-	Spreader kit 25mm, incl screw set
ACCI250-35-60	ACC	3	35	18	-	-	Spreader kit 35mm, incl screw set
ACCI250-35-60M8	ACC	3	35	18	-	-	Spreader kit 35mm, M8, incl screw set
870GFS9GR	ACC	1	-	-	9+2	-	Phase terminal, 9+2, grey, IP20
870GFS9BL	ACC	1	-	-	9+2	-	Neutral terminal 9+2, blue, IP20
870GFS9BK	ACC	1	-	-	9+2	-	Neutral terminal 9+2, black, IP20
870GFS9GN	ACC	1	-	-	9+2	-	Earth terminal, 9+2, green, IP20
870GFS-VB	ACC	1	-	-	-	-	Connection module f. N-Et PE (brass)
MC22002	ACC	1	-	-	10+1	-	Miniclic Incomer, 1x 95mm <sup>2</sup> , 10x 10mm <sup>2</sup>
MC220022	ACC	1	-	-	14+1	-	Miniclic Incomer, 1x 95mm <sup>2</sup> , 14x 10mm <sup>2</sup>
MC122022	ACC	1	-	-	20+1	-	Miniclic Incomer, 1x 95mm <sup>2</sup> , 20x 10mm <sup>2</sup>
MC00001	ACC	1	-	-	-	-	MiniClic Cube, 1.5 - 10 mm <sup>2</sup> , grey
MC00001N	ACC	1	-	-	-	-	MiniClic Cube, 1.5 - 10 mm <sup>2</sup> , blue
BRL-5	ACC	-	-	-	-	-	Protection cover for unused ports
802-215I	ACC	1	-	-	1	-	Feed-in terminal, fork, 50mm <sup>2</sup>
802-215QI	ACC	1	-	-	1	-	Feed-in terminal, fork, 50mm <sup>2</sup>
802-215SI	ACC	1	-	-	1	-	Feed-in terminal, pin, 50mm <sup>2</sup>
802-215SQI	ACC	1	-	-	1	-	Feed-in terminal, pin, 50mm <sup>2</sup>
802-2ESB50	ACC	1	-	-	1	-	Feed-in terminal for Split FDBs, 50mm <sup>2</sup>
KVIAC11095G	ACC	1	-	-	1	1	Feed-in terminal, AL/CU, 95mm <sup>2</sup>
KVIAC12095G	ACC	1	-	-	2	2	Feed-in terminal, AL/CU, 95mm <sup>2</sup>

## available types of labels

K	M	O
Untd. Kingdom	Middle East	Oceania
 L1 brown	 R red	 L1 red
 L2 black	 Y yellow	 L2 white
 L3 grey	 B blue	 L3 dark blue

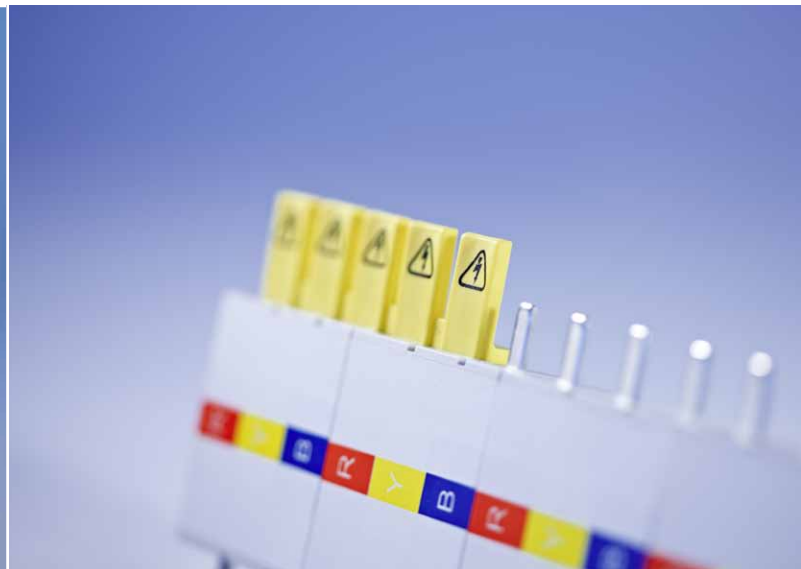
Please replace the ... in the table with K, M or O

For example: B804**M**3L60P20-01





## Quality that is ensured



FTG demands a very high quality standard of their products. This can be demonstrated by numerous certifications and conformities. FTG is certified according to ISO 9001 since 1996. Vertical busbars from FTG comply with international standards:

- IEC 61439-1
- BS-EN 61439-1

All FTG products provide conformity with:

- CE
- RoHS
- REACH

Safety with the range of products. FTG supplies a wide range of accessories for their products ensuring safety during operation. For not used connections there are for example protective caps preventing unintentional contacts.

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