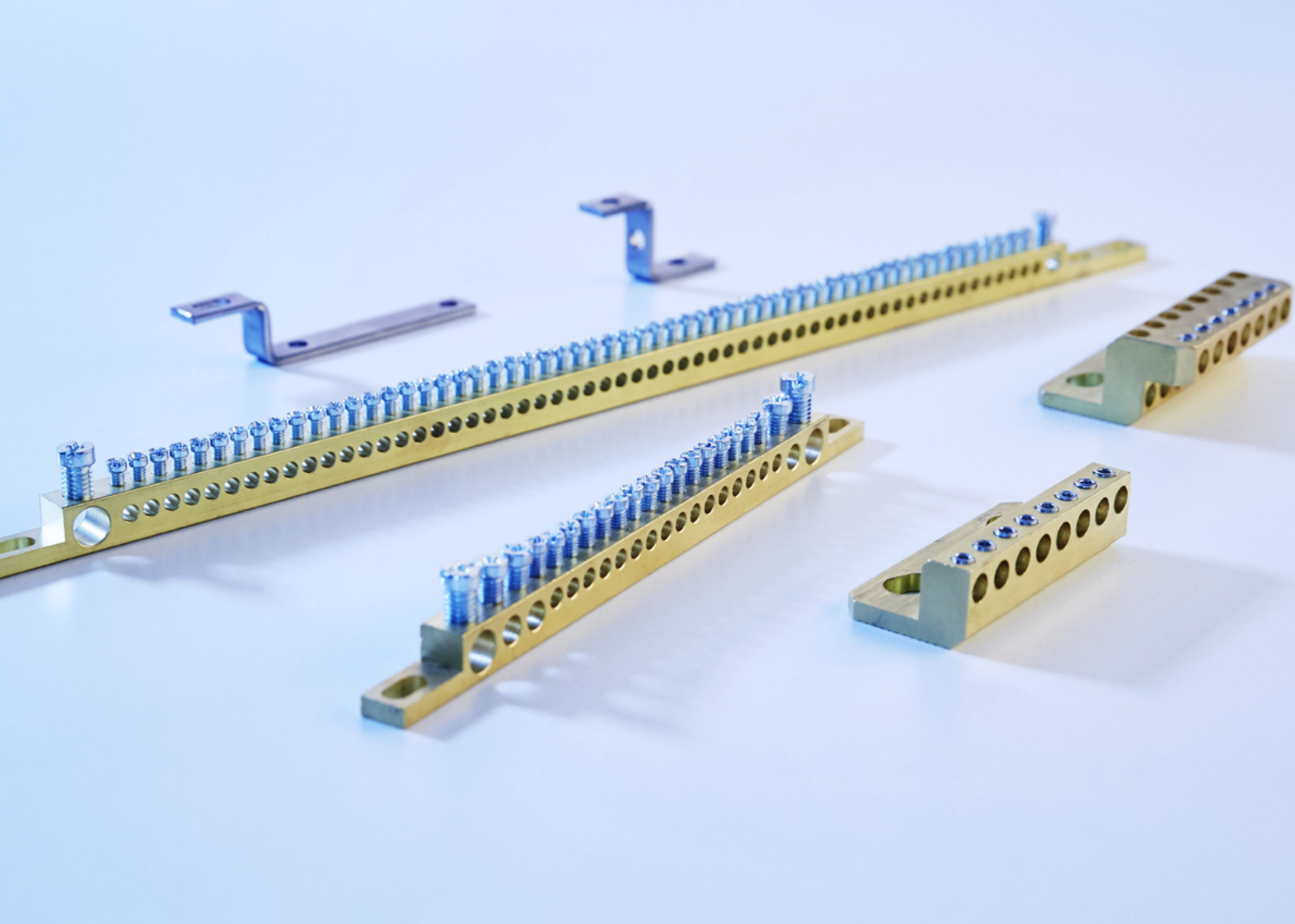




Earthing terminals

Solid earthing terminals, universal connecting bars and suitable fixings

Earthing terminals 870KL-XX

Earthing terminals are used in different applications including switchboard and control equipment, electrical equipment, for wind and solar power generation and also in data centers.

Use cases:

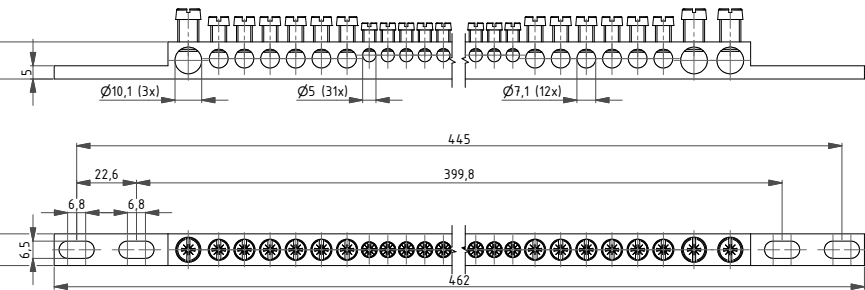
- earthing
- equipotential bonding
- busbar for macrodiversity

Characteristics:

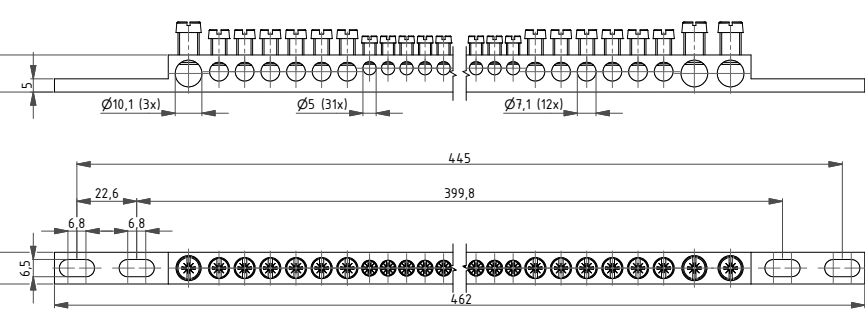
- flexible mounting possibilities
- 46 connection options of different sizes
- high conductivity
- expandable with FTG-bow terminals
- expansion of terminals possible

Technical data			
terminal cross section			
U-single wire		3 x 6 – 50 mm ²	max. 4 Nm
R-multi wire		12 x 1,5 – 25 mm ²	max. 3 Nm
		31 x 1,5 – 10 mm ²	max. 2 Nm
With sleeve:		3 x 6 – 35 mm ²	max. 4 Nm
K-fine wire		12 x 1,5 – 16 mm ²	max. 3 Nm
F-fine wire		31 x 1,5 – 6 mm ²	max. 2 Nm
Length		462 mm	
Width		12 mm	
Height		14 mm	
Thickness		5 mm	

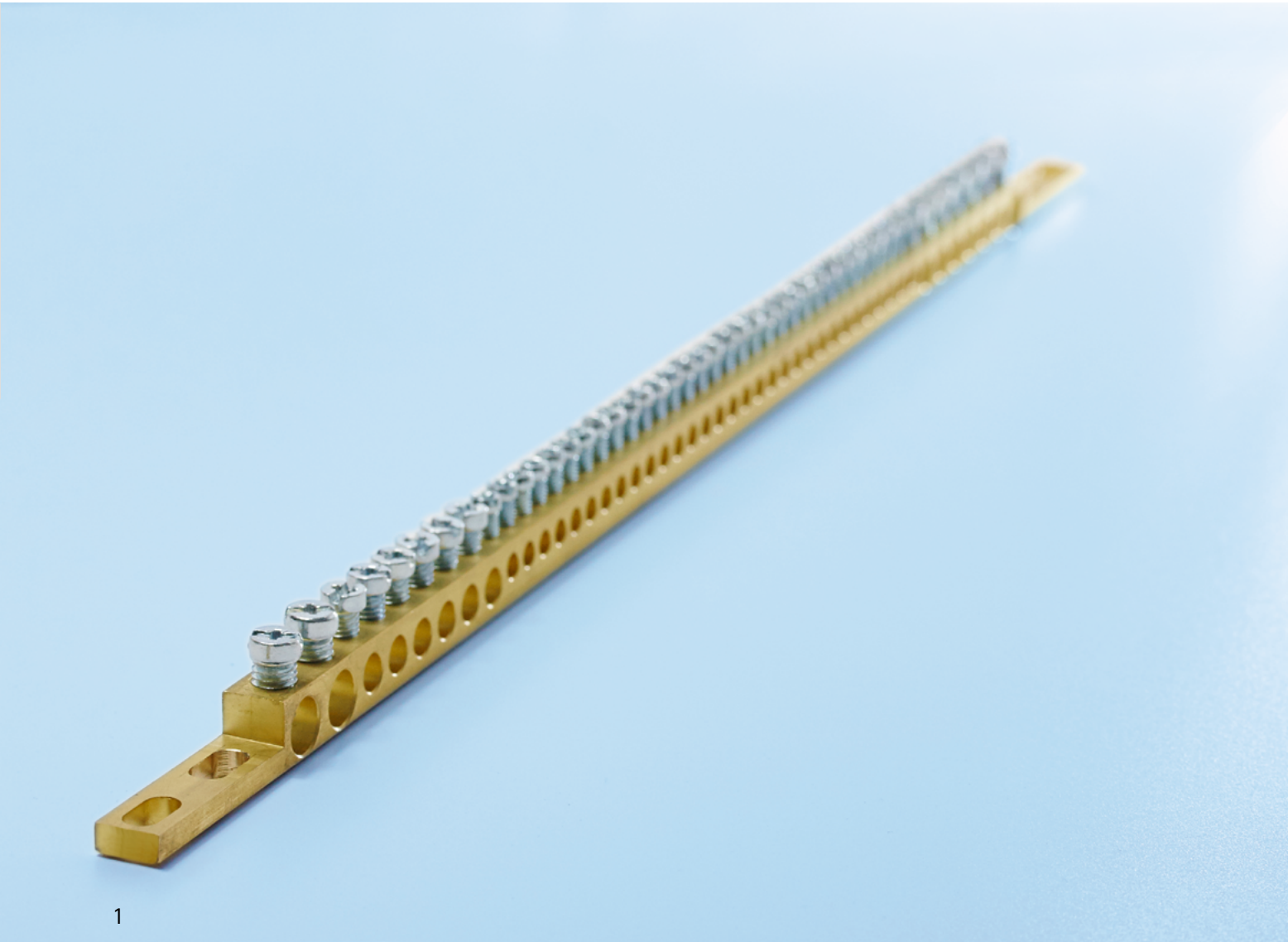
870KL0150:



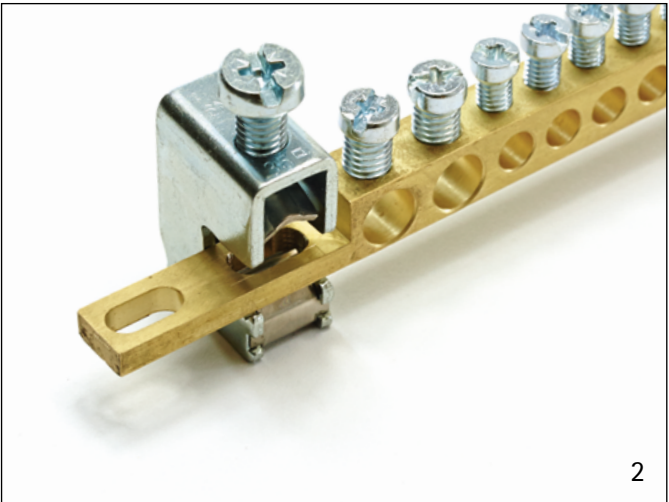
870KL0150S:



Part #	Material
870KL0150	brass, uncoated
870KL0150S	brass, nickel plated



1



2



3

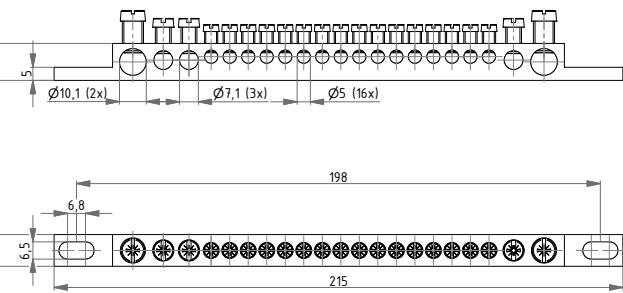
Picture 1: 870KL0150 | Picture 2: Mounting with bow terminal | Picture 3: Connection between 2 earthing terminals

Earthing terminals 870KL-XX

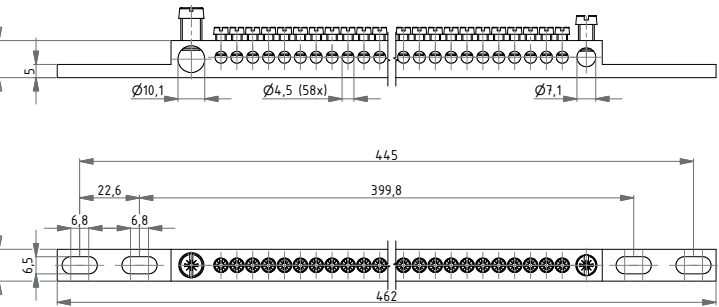
Earthing terminals are used in different applications including switchboard and control equipment, electrical equipment, for wind and solar power generation and also in data centers.

- Characteristics:
- flexible mounting possibilities
 - 21 & 60 connection options of different sizes
 - high conductivity
 - expandable with FTG-bow terminals
 - expansion of terminals possible

870KL21:



870KL60:

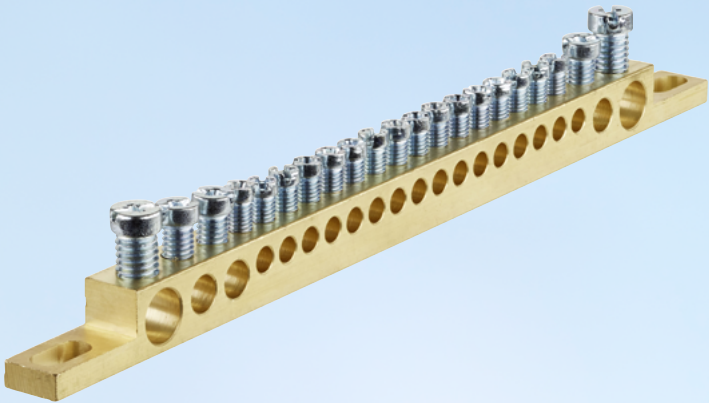


Part #	Material
870KL21	brass, uncoated
870KL60	brass, uncoated

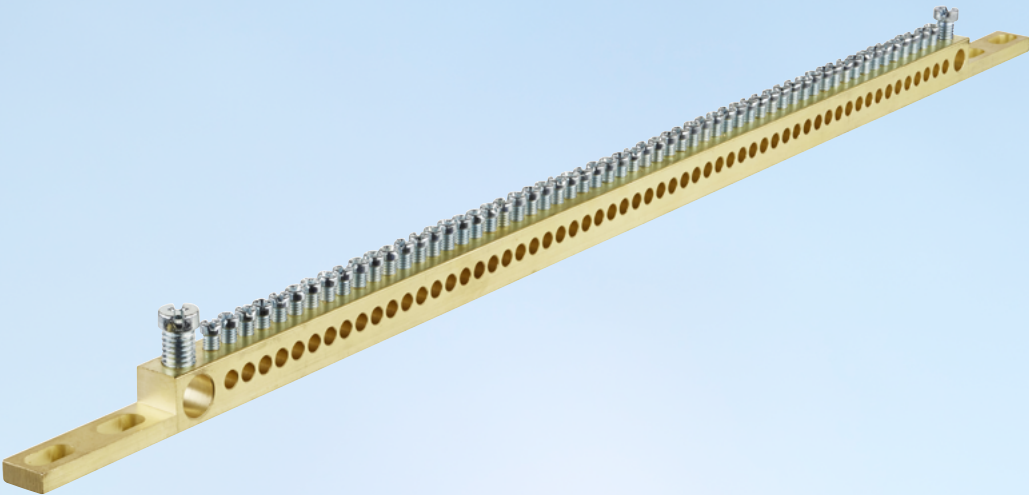
Technical data 870KL21			
terminal cross section			
U-single wire		2 x 6 – 50 mm ²	max. 4 Nm
R-multi wire		3 x 1,5 – 25 mm ²	max. 3 Nm
		16 x 1,5 – 10 mm ²	max. 2 Nm
With sleeve:		2 x 6 – 35 mm ²	max. 4 Nm
K-fine wire		3 x 1,5 – 16 mm ²	max. 3 Nm
F-fine wire		16 x 1,5 – 6 mm ²	max. 2 Nm
Length		215 mm	
Width		12 mm	
Height		14 mm	
Thickness		5 mm	

Technical data 870KL60			
terminal cross section			
U-single wire		1 x 6 – 50 mm ²	max. 4 Nm
R-multi wire		1 x 1,5 – 25 mm ²	max. 3 Nm
		58 x 1,5 – 6 mm ²	max. 1,5 Nm
With sleeve:		1 x 6 – 35 mm ²	max. 4 Nm
K-fine wire		1 x 1,5 – 16 mm ²	max. 3 Nm
F-fine wire		58 x 1,5 – 4 mm ²	max. 1,5 Nm
Length		462 mm	
Width		12 mm	
Height		14 mm	
Thickness		5 mm	

1



2

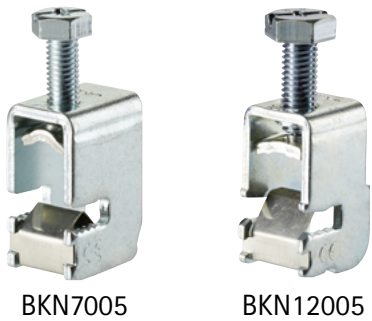


Picture 1: 870KL21 | Picture 2: 870KL60

Accessories:

Bow Terminals:

Part #	Material
BKN7005	Bow terminal, clamping range 16 – 70 mm ² , max. 400 A, max. 1000 V AC/DC
BKN12005	Bow terminal, clamping range 16 – 120 mm ² , max. 440 A, max. 1000 V AC/DC



Universal connecting bars

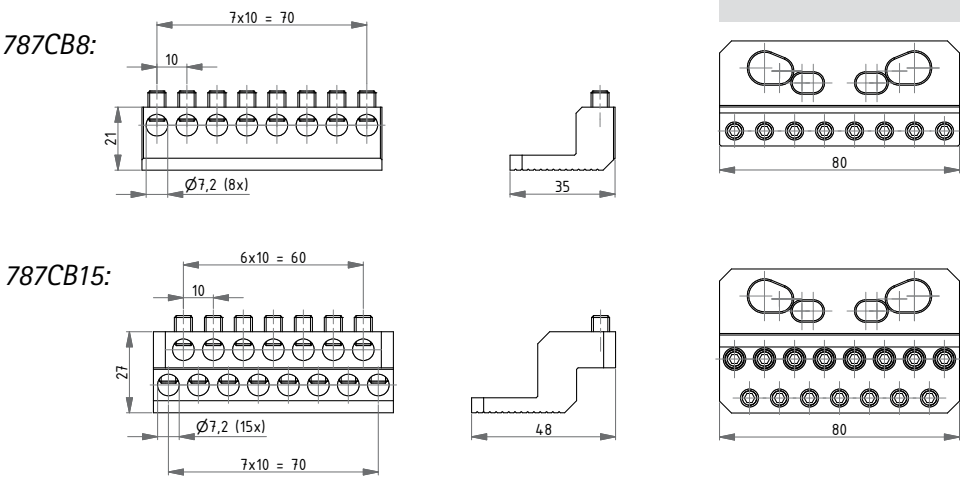
Earthing terminals are also used in different applications including power distribution, telecommunication- and manufacturing systems and also in Industrial as well as building applicatoins.

Use cases:

- power distribution
- on-site installation

Characteristics:

- easy connection with hexagonal key
- quick and easy installation
- 8 & 15 connection options
- design allows connection on perforated or threaded copper busbar
- high electrical conductivity because of brass is used as Material for the connection rail
- max. current capacity
 - 787CB8 up to 590 A
 - 787CB15 up to 1000 A



Part #	Material
787CB8	brass, uncoated
787CB15	brass, uncoated

Fixings:

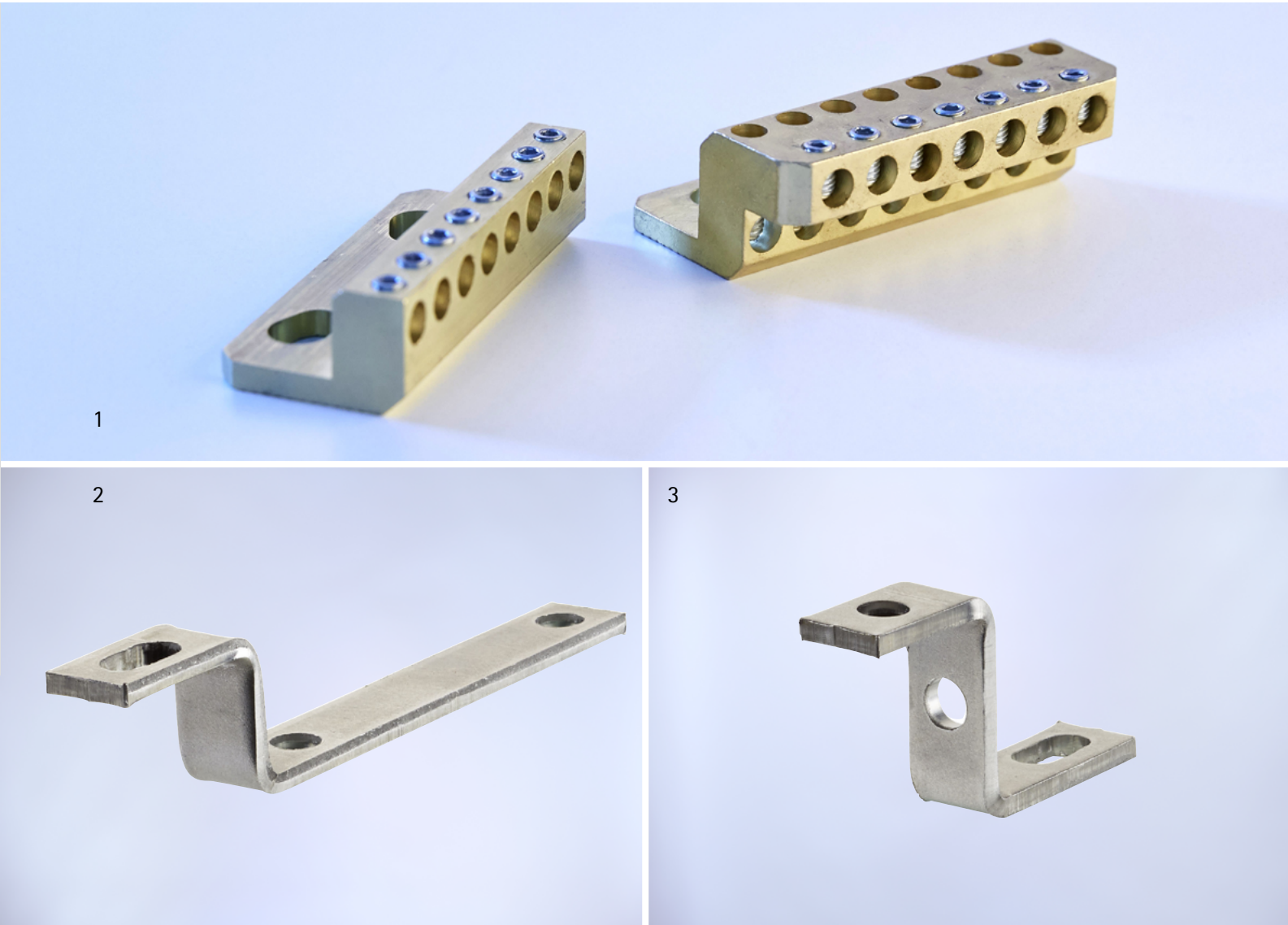
Part #	Material
MSHB110	Fixings, steel Material, for brass bars 110 mm
MSHB65	Fixings, steel Material, for brass bars 65 mm

Technical data 787CB8

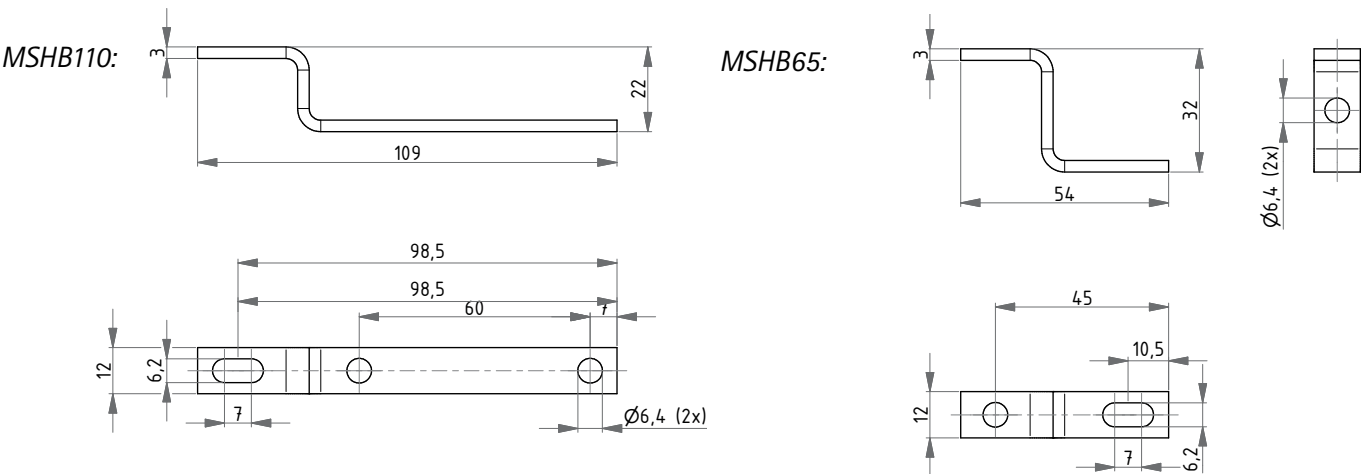
Terminal cross section	
U-single wire	8 x 1,5 – 16 mm ² 2 Nm
R-multi wire	
K-fine wire (with sleeve)	
F-fine wire (with sleeve)	
Length	80 mm
Width	35 mm
Height	21 mm
Thickness	5 mm

Technical data 787CB15

Terminal cross section	
U-single wire	15 x 1,5 – 16 mm ² 2 Nm
R-multi wire	
K-fine wire (with sleeve)	
F-fine wire (with sleeve)	
Length	80 mm
Width	48 mm
Height	27 mm
Thickness	5 mm



Picture 1: 787CB8 + 787CB15 | Picture 2: MSHB110 | Picture 3: MSHB65



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