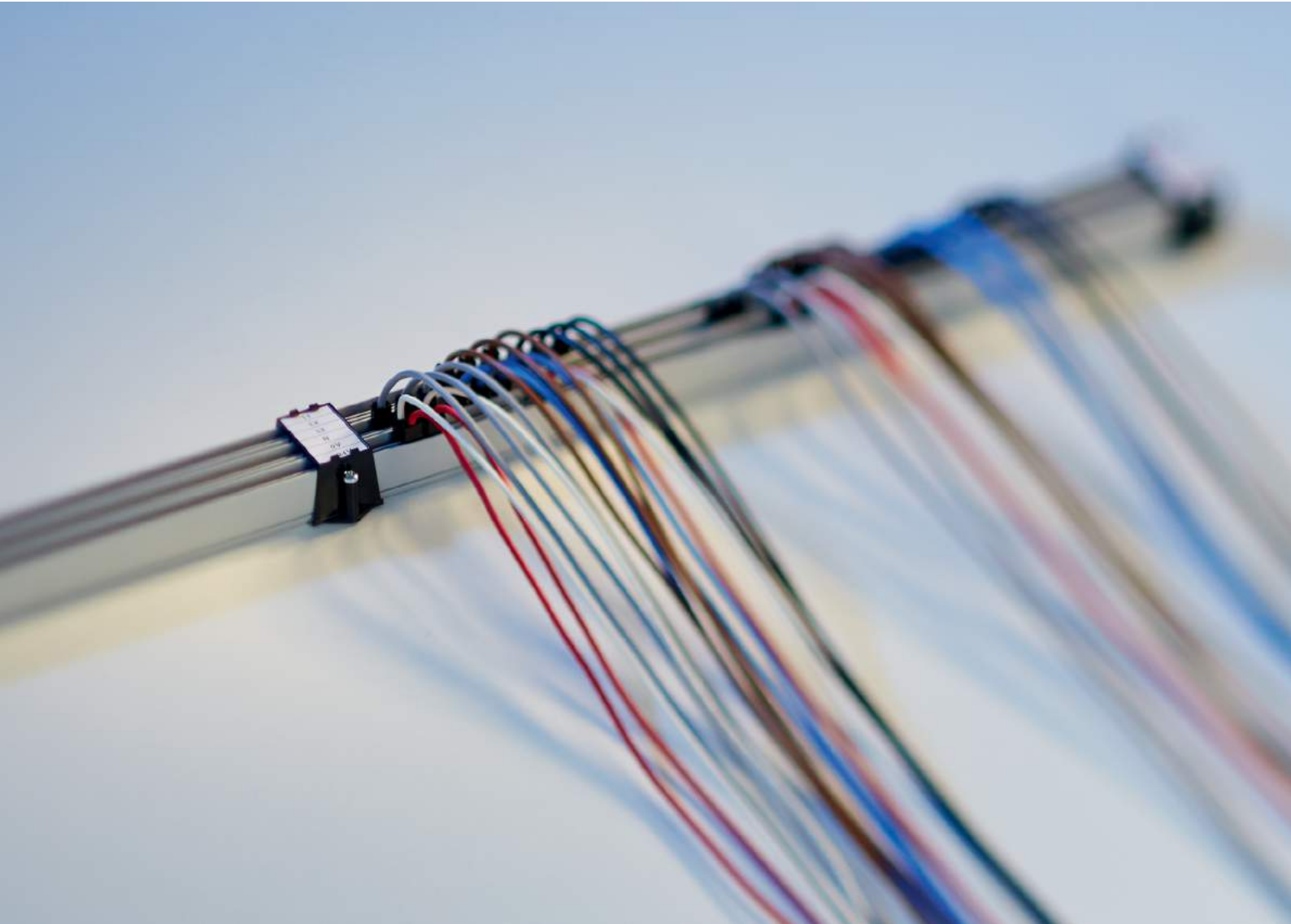


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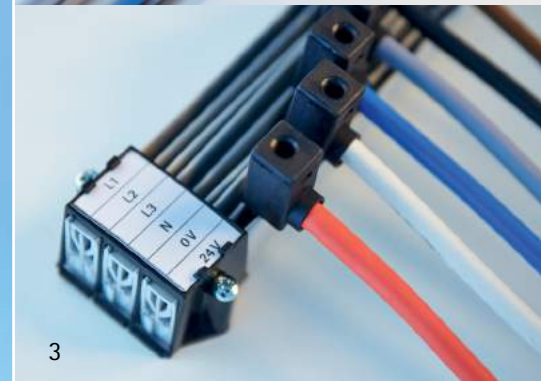
CONNECTING
VISIONS



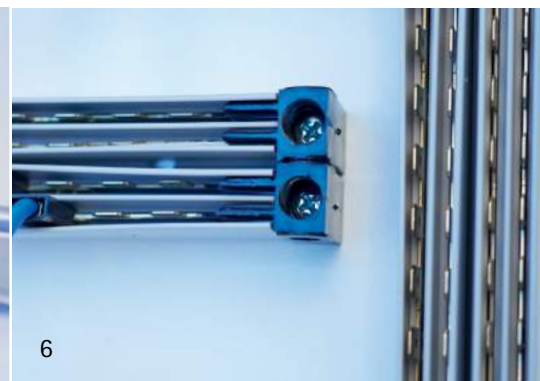
Auxigaine

Exciting flexibility

More flexibility is hardly conceivable!



Auxigaine describes an extremely flexible and versatile system to set up individually adapted busbars. A modular system is used to provide rails with any number of poles. Standard length of up to 1.90 m permits use as permanently energised rail for the entire height of the switch boards. Every other dimension is possible as well, of course. Apart from a gigantic modular system, rails can be pre-wired for standard applications in the factory of the manufacturer. Auxigaine can be snapped on to a mounting plate as well as on to DIN rails using the mounting brackets intended for the purpose. Various conductors are available permitting the rails to be loaded up to 125A.



1 Horizontal and vertical: Auxigaine in 4-pole application | 2 Robust connection: with quick disconnect terminal is used to tap voltage where it is needed | 3 Clear structure: bar holders can be marked well readable | 4 Quick connection: on account of the Auxigaine bridge connector, complex applications up to two switch cabinets can be connected quickly and safely, and they can be disconnected as well (under voltage, but not under load). | 5 Fits always: mounting plate for installation on to DIN-rails | 6 Firmly connected: end support | 7 Use of various voltages on busbar is possible by interrupting the conductor with insulating caps. | 8 The isolation is easy to saw. | 9 Cut the conductor to required length | 10 Push in of the conductor | 11 +12 Glue to insulating caps

Auxigaine





Rail, 32 A

Condutores with isolation

Length: 1900 mm

Material: plain brass

1219001LBIO	1 Conductor Isolation
1219002LBIO	2 Conductors Isolation
1219001LBIO5H	1 Conductor PC/ABS isolation 
1219002LBIO5H	2 Conductors PC/ABS isolation 





Rail, 63 A

Condutores with isolation

Length: 1900 mm

Material: tinned copper

1219001CEIO	1 Conductor Isolation
1219002CEIO	2 Conductors Isolation
1219001CEIO5H	1 Conductor PC/ABS isolation 
1219002CEIO5H	2 Conductors PC/ABS isolation 





Rail, 100 A

Condutores with isolation

Length: 1900 mm

Material: tinned copper

1219001CEJO	1 Conductors Isolation
1219002CEJO	2 Conductors Isolation
1219001CEJO5H	1 Conductor PC/ABS isolation 
1219002CEJO5H	1 Conductor PC/ABS isolation 



Rail, 125 A

Condutores with isolation

Length: 1900 mm

Material: tinned copper

1219001CERO	1 Conductor Isolation
1219002CERO	2 Conductors Isolation
1219001CERO5H	1 Conductor Isolation
1219002CERO5H	2 Conductors Isolation



Rail on mounting profile

Type: 32 A

ST42006/32	2 Conductors Length 349 mm
ST42008/32	2 Conductors Length 949 mm
ST42010/32	2 Conductors Length 1889 mm
ST42007/32	4 Conductors Length 349 mm
ST42009/32	4 Conductors Length 949 mm
ST42011/32	4 Conductors Length 1889 mm



Rail on mounting profile

Type: 63 A

ST42006/63	2 Conductors Length 349 mm
ST42008/63	2 Conductors Length 949 mm
ST42010/63	2 Conductors Length 1889 mm
ST42007/63	4 Conductors Length 349 mm
ST42009/63	4 Conductors Length 949 mm
ST42011/63	4 Conductors Length 1889 mm



Rail on mounting profile

Type: 100 A

ST42006/100	2 Conductors Length 349 mm
ST42008/100	2 Conductors Length 949 mm
ST42010/100	2 Conductors Length 1889 mm
ST42007/100	4 Conductors Length 349 mm
ST42009/100	4 Conductors Length 949 mm
ST42011/100	4 Conductors Length 1889 mm



Rail on mounting profile

Type: 125 A

ST42006/125	2 Conductors Length 349 mm
ST42008/125	2 Conductors Length 949 mm
ST42010/125	2 Conductors Length 1889 mm
ST42007/125	4 Conductors Length 349 mm
ST42009/125	4 Conductors Length 949 mm
ST42011/125	4 Conductors Length 1889 mm



Auxigaine-Set

Distribution rail on DIN rail premounted

Type: 32 A

ST42000/32	6 Conductors Length 390 mm
ST42001/32	6 Conductors Length 590 mm
ST42002/32	6 Conductors Length 790 mm
ST42003/32	6 Conductors Length 990 mm
ST42004/32	6 Conductors Length 1190 mm

Auxigaine Sets & Accessories



Auxigaine Set

Distribution rail for DIN rail, premounted

Type: 63 A

ST42000/63	6 Conductors Length 390 mm
ST42001/63	6 Conductors Length 590 mm
ST42002/63	6 Conductors Length 790 mm
ST42003/63	6 Conductors Length 990 mm
ST42004/63	6 Conductors Length 1190 mm



Auxigaine Set

Distribution rail for DIN rail, premounted

Type: 100 A

ST42000/100	6 Conductors Length 390 mm
ST42001/100	6 Conductors Length 590 mm
ST42002/100	6 Conductors Length 790 mm
ST42003/100	6 Conductors Length 990 mm
ST42004/100	6 Conductors Length 1190 mm



Auxigaine Set

Distribution rail for DIN rail, premounted

Type: 125 A

ST42000/125	6 Conductors Length 390 mm
ST42001/125	6 Conductors Length 590 mm
ST42002/125	6 Conductors Length 790 mm
ST42003/125	6 Conductors Length 990 mm
ST42004/125	6 Conductors Length 1190 mm



Auxigaine Set

Auxigaine-rail with end isolation

Length: 199 mm, hole distance: 188 mm

12 connection lugs

ST42005/32	2 Conductors 32 A
ST42005/63	2 Conductors 63 A
ST42005/100	2 Conductors 100 A
ST42005/125	2 Conductors 125 A



Auxigaine Set

Auxigaine-rail with DIN rail adapter

Length: 199 mm

12 connection lugs

ST42005/32D	2 Conductors 32 A
ST42005/63D	2 Conductors 63 A
ST42005/100D	2 Conductors 100 A
ST42005/125D	2 Conductors 125 A



Bar holder

with 1 screw M4 x 30 mm for one rail

Qty: 10 Pcs.

17FG1



End isolation

with screw M4 x 25 mm

Qty: 10 Pcs.

17BS



Bar holder

with 2 screws M4 x 30 mm for 3 rails

Qty: 10 Pcs.

19FT3V



Isolation block

Qty: 50 Pcs.

17BIO

Accessories



Protection cover

Length: 1 Meter

Qty: 10 Pcs.

19PJI



Feed-in plug

incl. sleeve/ferrule

Qty: 10 Pcs.

40017



End isolation

with DIN rail adapter

Qty: 10 Pcs.

19BSA



DIN rail mounting plate

in steel with 2 screws M4 x 30 mm

Qty: 10 Pcs.

17SR35



DIN rail mounting plate

in plastic with 2 screws M4 x 30 mm

Qty: 10 Pcs.

17SR35P



Connection plug

max. Ampere: 2 x 100 A

Qty: 3 Pcs.

ST2125C



Mounting bracket

zinc plated steel, 60° bended

Qty: 10 Pcs.

17S60



Label Set

for bar holder 19FT3V

Qty: 50 Pcs.

17EET



Mounting bracket

zinc plated steel, 90° bended

Qty: 10 Pcs.

17S90



Mounting bracket

zinc plated steel, 135° bended

Qty: 10 Pcs.

17S135



Mounting bracket

zinc plated steel, 180° bended

Qty: 10 Pcs.

17S180

Accessories



Cable bridge, 20 A

Length: 120 mm
 Cross section: 2,5 mm²
 Configuration: 1 x blade terminal | 1 x sleeve/ferrule
 Qty: 10 Pcs.

ST25FE0120B	Colour: blue
ST25FE0120S	Colour: black



Cable bridge, 20 A

Length: 200 mm
 Cross section: 2,5 mm²
 Configuration: 1 x blade terminal | 1 x sleeve/ferrule
 Qty: 10 Pcs.

ST25FE0200B	Colour: blue
ST25FE0200S	Colour: black



Cable bridge, 36 A

Length: 120 mm
 Cross section: 6 mm²
 Configuration: 1 x blade terminal | 1 x sleeve/ferrule
 Qty: 10 Pcs.

ST60FE0120B	Colour: blue
ST60FE0120S	Colour: black



Cable bridge, 36 A

Length: 200 mm
 Cross section: 6 mm²
 Configuration: 1 x blade terminal | 1 x sleeve/ferrule
 Qty: 10 Pcs.

ST60FE0200B	Colour: blue
ST60FE0200S	Colour: black



Cable bridge, 63 A

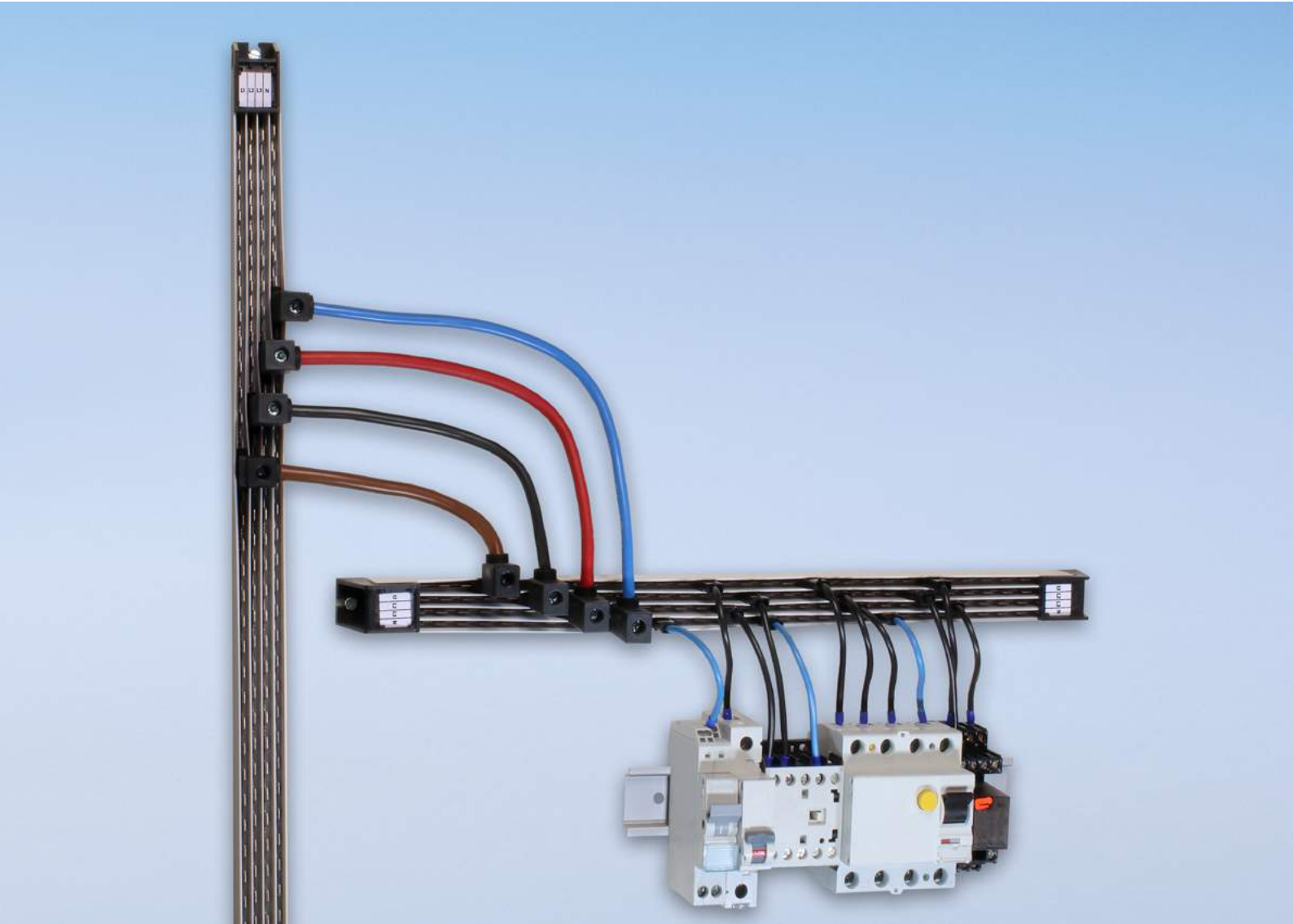
Length: 120 mm
 Cross section: 2 x 4 mm²
 Configuration: 1 x blade terminal | 1 x sleeve/ferrule
 Qty: 10 Pcs.

40023	Colour: blue
40024	Colour: black

Other types on request.

FTG – Friedrich Göhringer Elektrotechnik GmbH
Gerwigstr. 8
DE-78098 Triberg
Germany
Tel.: +49 (0) 7722 96 36 0
Fax: +49 (0) 7722 96 36 36
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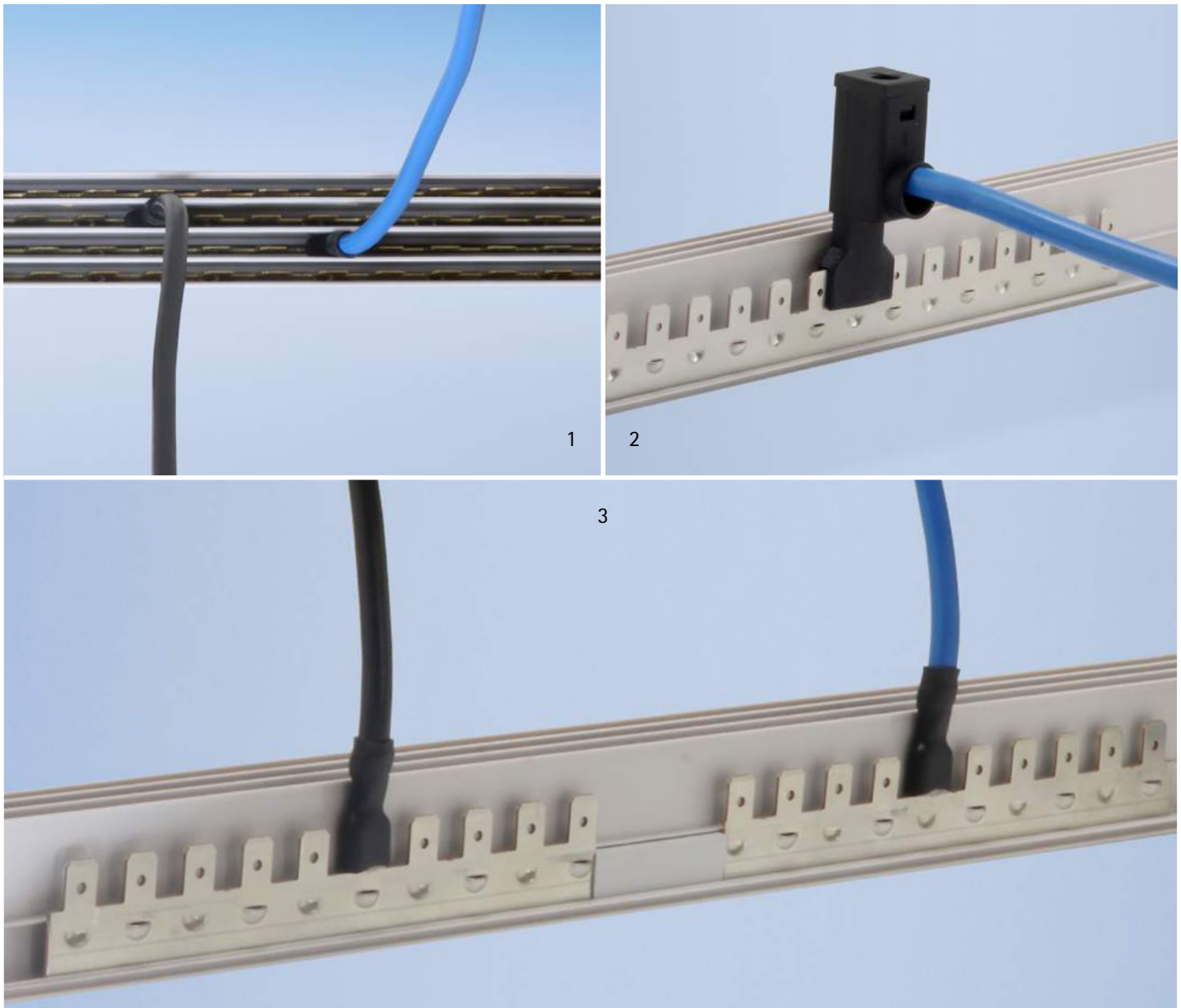




BusSpeed

Exciting flexibility

BusSpeed



1 | Many connections with flexible connectors with ferrule possible 2 | Suitable Feed-in Plug 3 | Separation of the live power busbar possible

The flexible control voltage busbar system "BusSpeed", which is suitable for four phases, is usually used in control cabinet construction, where the need for individual solutions for power distribution and connection is required. A faster and uncomplicated infeed by flexible cables when there is a variation of different levels of equipment is quickly implemented, without saving space for unneeded cable ducts.

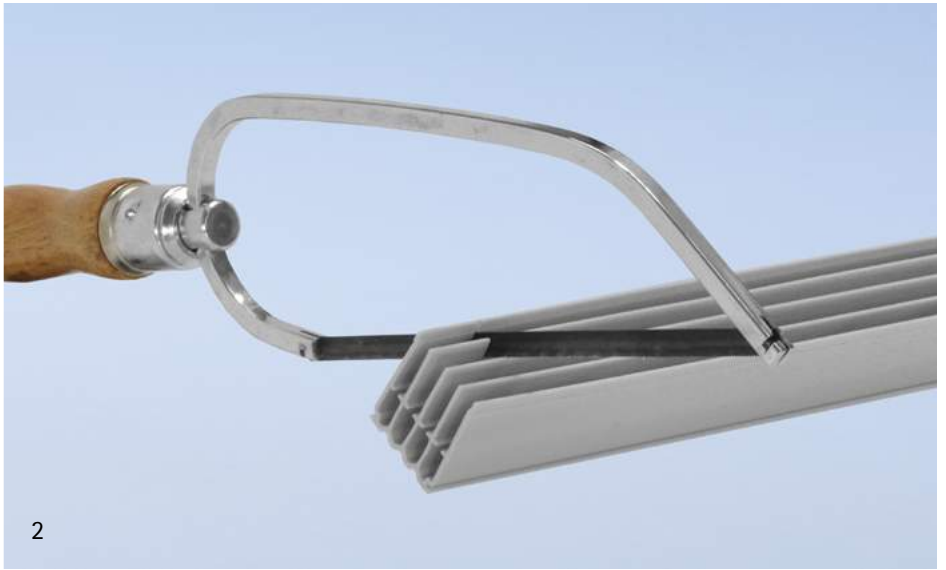
The construction of a live power busbar allows a vertical and horizontal installation using a selection of different mounting brackets for a direct mounting on the panel. Installations are expandable and the busbar system is available with a length till 1,855 meters. With the construction of the live power busbar with

up to four poles including marking on the mounting brackets, any number of infeeds is possible. For the need of a shorter construction, the live power busbar can be sawed to individual lengths or is delivered pre-assembled directly from the factory. A separation of the busbar to divide the potential is easily possible by a small separating plate. Depending on application BusSpeed busbars are available in bright brass and tinned copper for voltages from 32 A until 125 A.

For maximum flexibility in the construction of control cabinets, customized structures can be implemented with BusSpeed busbars.



1



2



3



4



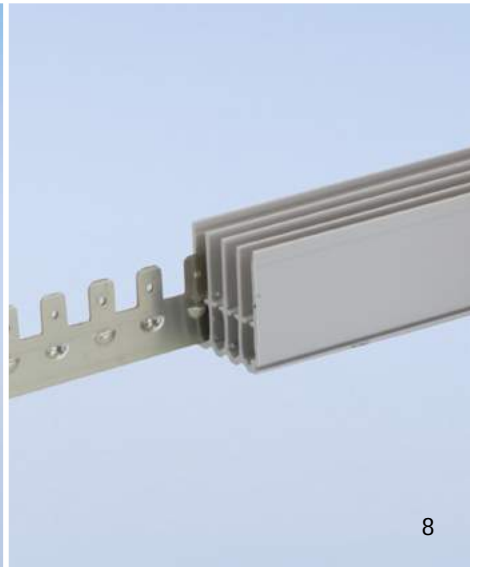
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6



7



8

1 | Tinned copper rail is cuttable for individual lengths 2 | Sawable insulation profile 3 | Fixing directly on mounting plate with screws 4-6 | Various end insulations 7 | Mounting brackets for aligned busbars, which should be mounted every 50 to 60 cm 8 | Busbar in insulating profile

Busbars in Insulation



BS 6000/32
32 A, 1,855 mm
Qty: 10 pcs.
Conductors: 4
Material: bright brass



BS 6000/64
64 A, 1,855 mm
Qty: 10 pcs.
Conductors: 4
Material: tinned copper



BS 6000/100
100 A, 1,855 mm
Qty: 10 pcs.
Conductors: 4
Material: tinned copper



BS 6000/125
125 A, 1,855 mm
Qty: 10 pcs.
Conductors: 4
Material: tinned copper

Busbar with End insulation



Part #	A	Length	Qty
BS 6001/32	32 A	390 mm	10
BS 6002/32	32 A	590 mm	10
BS 6003/32	32 A	790 mm	10
BS 6004/32	32 A	990 mm	10
BS 6005/32	32 A	1.190 mm	10
BS 6001/63	63 A	390 mm	10
BS 6002/63	63 A	590 mm	10
BS 6003/63	63 A	790 mm	10
BS 6004/63	63 A	990 mm	10
BS 6005/63	63 A	1.190 mm	10
BS 6001/100	100 A	390 mm	10
BS 6002/100	100 A	590 mm	10
BS 6003/100	100 A	790 mm	10
BS 6004/100	100 A	990 mm	10
BS 6005/100	100 A	1.190 mm	10
BS 6001/125	125 A	390 mm	10
BS 6002/125	125 A	590 mm	10
BS 6003/125	125 A	790 mm	10
BS 6004/125	125 A	990 mm	10
BS 6005/125	125 A	1.190 mm	10



Part #	A	Length	Qty
BS 6006/32	32 A	390 mm	10
BS 6007/32	32 A	590 mm	10
BS 6008/32	32 A	790 mm	10
BS 6009/32	32 A	990 mm	10
BS 6010/32	32 A	1.190 mm	10
BS 6006/63	63 A	390 mm	10
BS 6007/63	63 A	590 mm	10
BS 6008/63	63 A	790 mm	10
BS 6009/63	63 A	990 mm	10
BS 6010/63	63 A	1.190 mm	10
BS 6006/100	100 A	390 mm	10
BS 6007/100	100 A	590 mm	10
BS 6008/100	100 A	790 mm	10
BS 6009/100	100 A	990 mm	10
BS 6010/100	100 A	1.190 mm	10
BS 6006/125	125 A	390 mm	10
BS 6007/125	125 A	590 mm	10
BS 6008/125	125 A	790 mm	10
BS 6009/125	125 A	990 mm	10
BS 6010/125	125 A	1.190 mm	10



Part #	A	Length	Qty
BS 6011/32	32 A	390 mm	10
BS 6012/32	32 A	590 mm	10
BS 6013/32	32 A	790 mm	10
BS 6014/32	32 A	990 mm	10
BS 6015/32	32 A	1.190 mm	10
BS 6011/63	63 A	390 mm	10
BS 6012/63	63 A	590 mm	10
BS 6013/63	63 A	790 mm	10
BS 6014/63	63 A	990 mm	10
BS 6015/63	63 A	1.190 mm	10
BS 6011/100	100 A	390 mm	10
BS 6012/100	100 A	590 mm	10
BS 6013/100	100 A	790 mm	10
BS 6014/100	100 A	990 mm	10
BS 6015/100	100 A	1.190 mm	10
BS 6011/125	125 A	390 mm	10
BS 6012/125	125 A	590 mm	10
BS 6013/125	125 A	790 mm	10
BS 6014/125	125 A	990 mm	10
BS 6015/125	125 A	1.190 mm	10

Accessories



End fixing	BS ASB4SV4
Quantity: 50 pcs.	



End fixing	BS ASBRP
Quantity: 50 pcs.	



Fixing for end and center	BS ASURV4
Quantity: 50 pcs.	



Insulating block	ST 17BIO
Quantity: 50 pcs.	



Infeed plug	ST 40017V2
incl. sleeve/ferrule 125 A	
Quantity: 10 pcs.	



Infeed plug	BS ADA63S
Quantity: 10 pcs.	



Cable Bridge	ST 25FE0120B	■
	ST 25FE0120S	■
12 cm, 2,5 mm ² , 20 A		
Equipment: 1 x flat plug 1 x ferrule		
Quantity: 50 pcs.		



Cable Bridge	ST 25FE0200B	■
	ST 25FE0200S	■
20 cm, 2,5 mm ² , 20 A		
Equipment: 1 x flat plug 1 x ferrule		
Quantity: 50 pcs.		



Cable Bridge	ST 60FE0120B	■
	ST 60FE0120S	■
12 cm, 6 mm ² , 36 A		
Equipment: 1 x flat plug 1 x ferrule		
Quantity: 50 pcs.		



Cable Bridge	ST 60FE0200B	■
	ST 60FE0200S	■
20 cm, 6 mm ² , 36 A		
Equipment: 1 x flat plug 1 x ultrasonically welded		
Quantity: 50 pcs.		



Cable Bridge	ST 40024	■
	ST 40023	■
12 cm, 2 x 4 mm ² , 63 A		
Equipment: 1 x flat plug 1 x ferrule		
Quantity: 50 pcs.		



Connecting Plug	ST 2125C
2 x 100 A	
Quantity: 3 pcs.	



Insulation 1 m	BS AEUIP3
Quantity: 100 pcs.	



Phase marking sheet	BS ASURV405
Quantity: 50 pcs.	



The contact protection of Auxigaine is compatible with the BusSpeed-System.

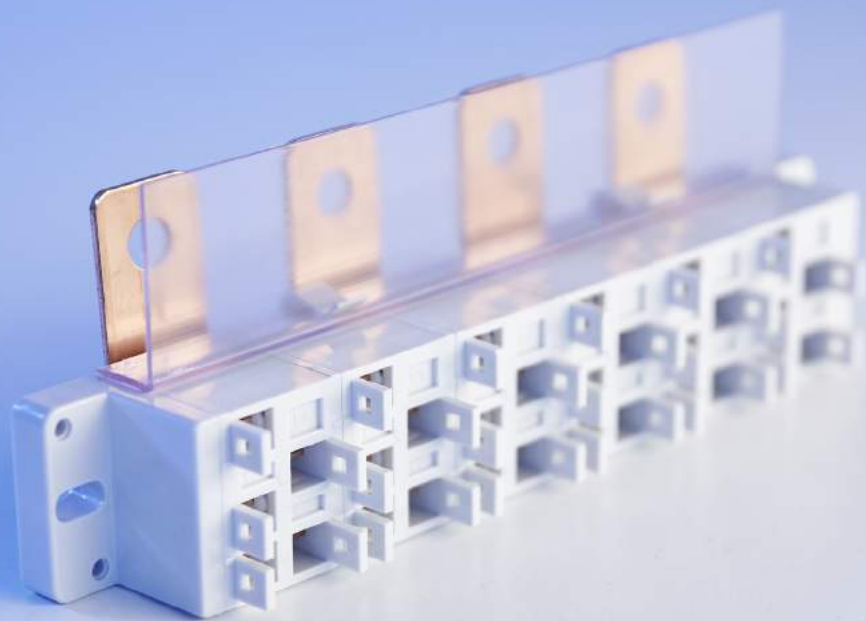
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CONNECTING
VISIONS



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Auxiclic

Flexible system for 250A busbars

Product information

Auxiclic

Auxiclic is a 250A busbar intended to supply a row of modular devices, max. current rating for every output is 63 A. Each connector locks automatically, this guarantees high security, no risk of direct contact, according to IP20.

Ratings:

■ Busbar: 250A / 690v
■ Short-circuit values: I _{pk} : 61 kA / I _{cw} : 10 kA / 1 s
■ Connector 6mm ² : 40 A
■ Connector 10 mm ² : 63 A

Modularity

■ Supply with wires and ring terminals, flexible bars or directly on the flat copper bars of the main busbar
■ Due to its high strength, Auxiclic can be used as a busbar support
■ Length: 12, 24, 36 Modules
■ Fixing on the sides of the cabinet or on double-DIN rail

Live maintenance

■ Each connection to the device is simply achieved with a connector, no screw to tighten.
■ Phase balancing, addition, live modification.

Security

■ Each connector locks automatically.
■ The locking is guaranteed by a CLIC.
■ No risk of direct contact. IP20

Auxiclic can easily be adapted to your requirements:

■ Fixings specific to your cabinet
■ Possible length up to 36 Modules
■ Color of the connector wires: brown, red, white
■ Length of the wires
■ Termination of the wires: pre stripped, with ferrule or ultrasonic welded

Connectors

With flexible wires 6 mm² type H07VK



Packing unit 10 pieces

■ black, with ferrule 120 mm	# 96505
■ blue, with ferrule 120 mm	# 96506
■ black, 320 mm	# 96509
■ blue, 320 mm	# 96510
■ black, 500 mm	# 96519
■ blue, 500 mm	# 96520
■ black, 1000 mm	# 96527
■ blue, 1000 mm	# 96528

With flexible wires 10 mm² type H07VK



Packing unit 10 pieces

■ black, with ferrule 120 mm	# 96507
■ blue, with ferrule 120 mm	# 96508
■ black, 320 mm	# 96511
■ blue, 320 mm	# 96512
■ black, 500 mm	# 96521
■ blue, 500 mm	# 96522
■ black, 1000 mm	# 96523
■ blue, 1000 mm	# 96524

Connector with crimp terminal



Packing unit 20 pieces

For wire 1.5 to 2.5 mm ²	# 96530
For wire 4 to 6 mm ²	# 96529

Auxiclic

Part #	Dimensions	Description	Packing unit
AUXCL12	233 x 40 x 45 mm	6 connections per phase / 12 for Neutral 12 Modules (18 mm)	1 pcs.
AUXCL24	422 x 40 x 45 mm	12 connections per phase / 24 for Neutral 24 Modules (18 mm)	1 pcs.
AUXCL36	616 x 40 x 45 mm	18 connections per phase / 36 for Neutral 36 Modules (18 mm)	1 pcs.

