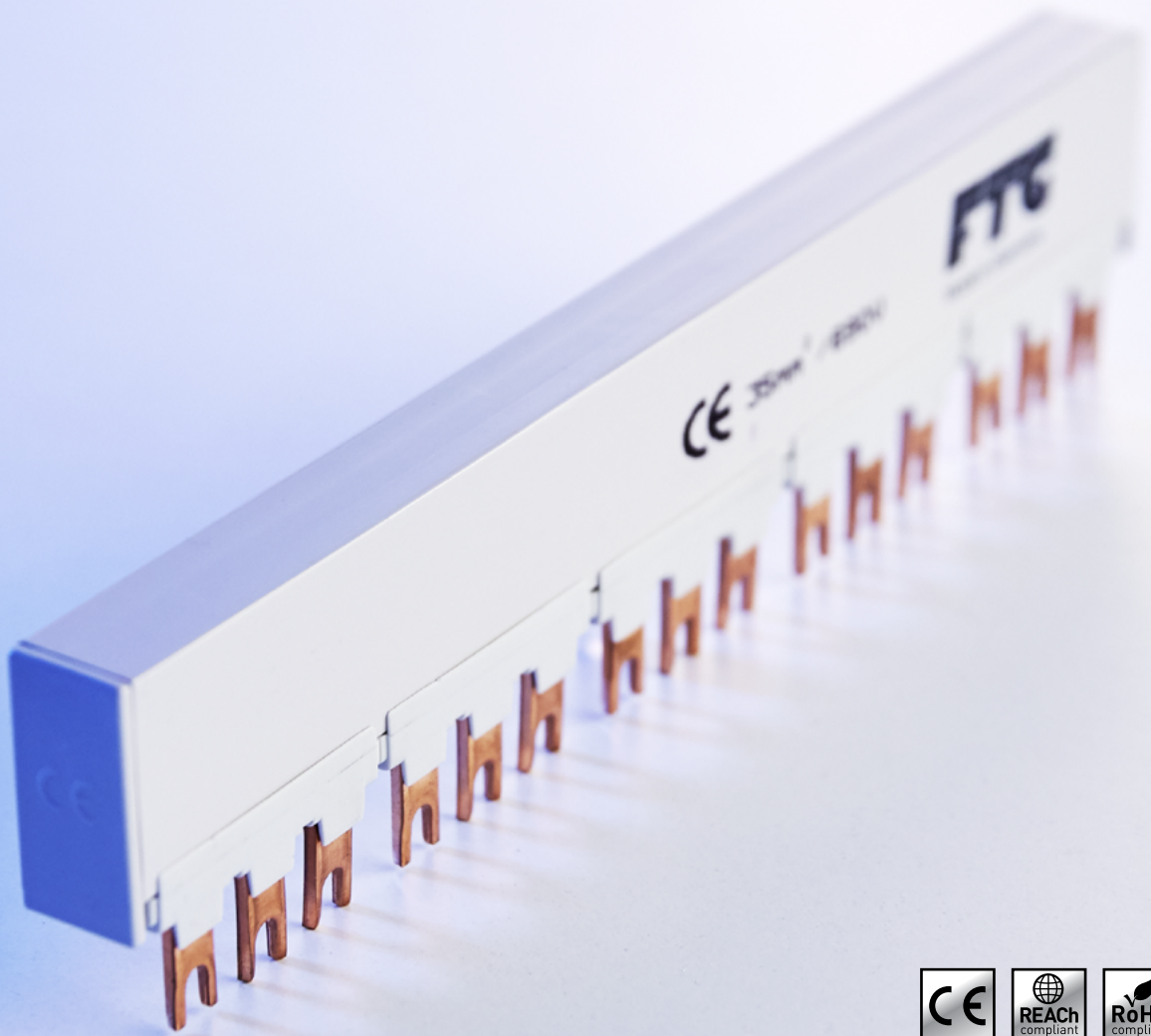


CONNECTING
VISIONS



35 mm² Busbars for Motor Protection switches

Secure connection for extreme load conditions

Product Information

35 mm² Busbars for Motor Protection Switches

Motor Protection Switches are used in many installations with electric motors. Longer braking distance, disturbances at the motor etc. can cause overloads. Busbars for Motor Protection Switches are a perfect connection solution for applications for multiple Motor Protection Switches. They are available in 10 mm² and 16 mm² and protect reliably against the overloads.

The new 3-phase busbar for motor protection switches in 35 mm² is used everywhere, where devices have to withstand extreme strains, for example:

- large power loads
- high ambient temperature

- 3-phase busbar fitting for all common devices
- compact construction
- pre-assembled for 2, 3, 4 and 5 devices as well as on customer requests
- no sawing
- assimilated end caps
- contact-safe
- IP 20
- stackable
- direct feed

The busbars can be used at currents up to 160A. Because of their extremely space-saving design, the busbars can be used in switch cabinet construction and have the advantage of being compact, stable and safe to touch. Using the busbar for 35 mm², the usual rapid, time-saving, cost-effective wiring of the Motor Protection Switches can be achieved, and because the busbars can be extended, the busbars can be used very flexibly. They are available in step distances of 45 mm, 54 mm and 63 mm. This product line from FTG (busbars, feeder terminals and contact protection) is matched to these conditions and is available now.

Technical data busbar

Cross section	35 mm ²
I max.	IEC 690V
A max.	IEC 160A (center feed) IEC 100 A (side feed)

Technical data feeder terminal

Cross section	10 - 35 mm ²
I max.	IEC 690V
A max.	IEC 100 A

Part #*	Number of motor protection switches	Length	Packing unit
3-phase busbars for motor protection switches			
MSB G 45-14-2	2	90 mm	10
MSB G 45-14-3	3	135 mm	10
MSB G 45-14-4	4	180 mm	10
MSB G 45-14-5	5	225 mm	10
3-phase busbars for motor protection switches + 1 Hi			
MSB G 54-14-2	2	108 mm	10
MSB G 54-14-3	3	162 mm	10
MSB G 54-14-4	4	216 mm	10
MSB G 54-14-5	5	270 mm	10
3-phase busbars for motor protection switches + 2 Hi			
MSB G 63-14-2	2	126 mm	10
MSB G 63-14-3	3	189 mm	10
MSB G 63-14-4	4	252 mm	10
MSB G 63-14-5	5	315 mm	10

Accessories

Part #	Description	Cross section	Packing unit
B54	Protection cover	-	10
GE3-14-35	Feeder terminal	10 - 35 mm ²	10
ESB1-14	Output terminal	2,5 - 25 mm ²	10

*Further busbar-systems for motor protection switches can be found in our catalog or on request.