



Busbar supports

The MRS range of busbar supports are four pole (3Ph+N) with stepped phases for easy access and termination. Ideally combined with drilled and threaded copper busbars to make up distribution terminals of any size. IPK ratings are influenced by the distance between supports (*see rating below*).

Insulating protection covers are available (*in one-meter lengths*) to provide protection against accidental touch of the bars.

Maximum operating temperature: +85°C
 Heat resistance: +130°C
 Insulating body material: Polyamide
 Mounting: DIN rail mount or chassis mount
 Standards: CEI EN 17-13/1 EN 60439

Multi-pole stepped busbar supports

- DIN rail or chassis mount
- Supplied in 4 pcs (2 pair per set)
- With mounting accessories for (optional) protection cover and busbar mounting screws

type	no. bars	max bar width	amperage	description
Four-pole stepped supports (3Ph+N)			160A	
MRS416	4	16 mm	160A	3P+N busbar supports supplied in packs of 2 pair (4 pcs)
250A				
MRS420	4	20 mm	250A	3P+N busbar supports supplied in packs of 2 pair (4 pcs)
Two-pole supports (1Ph+N)				
MRS122	2	12 mm	65A	3P+N busbar supports supplied in pairs (2pcs)
Terminal protection covers (for above supports)				
MRC2150	(1-meter length)			protection cover for busbar support MRS416
MRC2250	(1-meter length)			protection cover for busbar support MRS420
MRC536	(1-meter length)			DIN rail protection cover (yellow)
MTB				DIN rail earthing terminal for connection earth wire to DIN rail

Threaded busbars (bolt/screws not supplied)

- Electrolytic copper Cu-ETP 99.9%
- Drilled and threaded bars 12 x 4 | 15 x 5 | 20 x 5
- One-meter lengths (*drilled and tapped*)

type	threaded hole dia.	distance apart	description	dimensions (mm) (W) x (D) x (L)		
BRF1000	M5	18 mm	1-meter threaded busbar	12	4	1 meter
BRF1010	M6	25 mm	1-meter threaded busbar	15	5	1 meter
BRF1015	M6	25 mm	1-meter threaded busbar	20	5	1 meter

Distance between supports depending on Icc values								
IPK	kA	8.5	18	30	40	48	52	
ICC	mms	kA	5	10	15	20	23	25
copper bars		support distance (mm)						
type	dimensions							
BRF1000	12 x 4 mm	513	242	209	171	114	-	
BRF1010	15 x 5 mm	560	380	240	171	125	-	
BRF1015	20 x 5 mm	760	418	266	171	152	95	