

Technical data sheet

CombiController V50 base with remote signalling

Item number: 5096677



Base for V 50-B+C, combination arrester, lightning and surge arrester, type 1+2

- Suitable for V25-B+C, V20-C and V10-C
- Pre-mounted and ready for connection
- Multifunction terminals for easy connection with series-mounted devices
- Upper parts can be rotated through 180 degrees
- With remote signalling and potential-free NO contact for function monitoring
- 3+1 protection circuit for TN-S and TT network systems

Application: Lightning protection equipotential bonding in buildings, even those with external lightning protection of class III and IV, and in standard distributor housings.

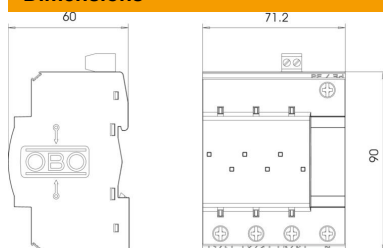
Base



Master data

Item number	5096677
Type	MB 50-3+NPE+FS
Description 1	Multibase MB50
Description 2	3-pole + NPE w. signal contact
Manufacturer	OBO
Dimension	3+NPE+FS
Smallest sales unit	1
Unit of quantity	Piece
Weight	29 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	1,4712 kg CO2e / 1 Piece

Dimensions



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Arrester surge current (8/20 µs) [total]	50 kA
Response time	<25 ns
Blow-out	no
Version for	3+NPE + FS
Pole version	3+N/PE
Structural width in division units (division unit, 17.5 mm)	4
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 µs) [N/PE]	50 kA
Lightning surge current (10/350)	50 kA
Remote signalling	yes
Maximum continuous voltage (N-PE)	255 V
Maximum continuous voltage AC	280 V
Integrated back-up fuse	no
Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm ²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm ²
Lightning protection zone LPZ	0→2
Max. mains-side overcurrent protection	125
Maximum back-up fuse	125 A
Maximum discharge current (8/20 µs)	50 kA
Installation type	DIN rail 35 mm
Nominal discharge current (8/20 µs) [N-PE]	50 kA
Nominal voltage AC (50/60 Hz)	230 V
Network form	Other
DC network form	no
IT network form	no
Other network form	no
TN network form	yes
TN-C network form	yes
TN-C-S network form	yes
TN-S network form	yes
TT network form	yes
Pole number	3
ROHS-conformant	Exempt
Protection rating	IP20
Protection level	≤1,3 kV
Protection level [L-N]	≤1,3
Protection level [N-PE]	1.5 kV
Signalling on device	Visual
SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C