

Technical data sheet

CombiController V50 base

Item number: 5096675



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
- 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	5096675
Type	MB 50-3+NPE
Description 1	Multibase MB50
Description 2	3-pole + NPE
Manufacturer	OBO
Dimension	3+NPE
Smallest sales unit	1
Unit of quantity	Piece
Weight	27 kg
Weight unit	kg/100 pc.

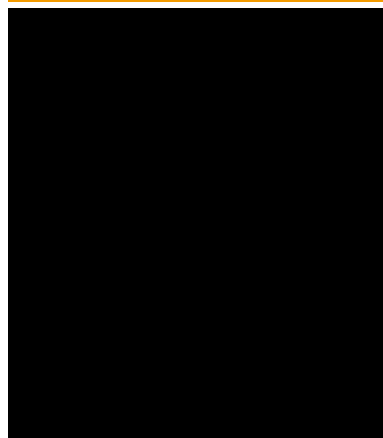
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Arrester surge current (8/20 µs) [total]	50 kA
Response time	<25 ns
Blow-out	no
Version for	3+NPE base
Pole version	3+N/PE
Structural width in division units (division unit, 17.5 mm)	3
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 µs) [N/PE]	50 kA
Lightning surge current (10/350)	50 kA
Remote signalling	no
Maximum continuous voltage (N-PE)	255 V
Maximum continuous voltage AC	280
Integrated back-up fuse	no
Conductor cross-section, flexible (fine-wire), min.	25 mm ²
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
Protection rating	IP20
Protection level	≤1,3
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 61643-1	Class I+II