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

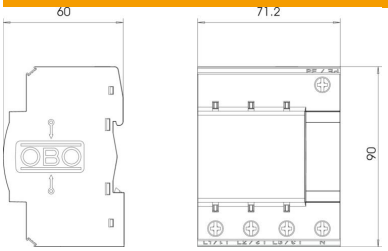
Application: Lightning protection equipotential bonding in buildings, even those with external lightning protection of class III and IV, and in standard distributor housings.
Base

Type 1+2 | LPZ 0→2

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.
CO2 Footprint (GWP) Cradle-to-Gate	1,3266 kg CO2e / 1 Piece

Dimensions



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Technical data

[redacted]

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 V
Integrated back-up fuse	no
Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm²
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