

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.

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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
	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	