

# Technical data sheet

## Lightning arrester/combination arrester base

Item number: 5096839



LightningController base, fits type:

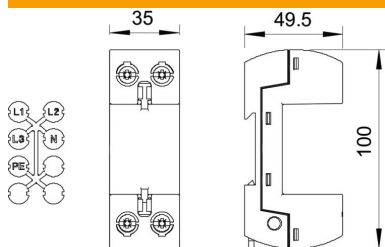
- MC 50-B VDE
- MCD 50-B
- Incl. plug caps for labelling the connections



### Master data

Item number	5096839
Type	MC 50-B U VDE
Description 1	LightningController
Description 2	bottom part
Manufacturer	OBO
Dimension	1-pole
Smallest sales unit	1
Unit of quantity	Piece
Weight	18 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0.9532 kg CO2e / 1 Piece

### Dimensions



Length	100 mm
Width	35 mm
Height	49.5 mm

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Arrester surge current (8/20 $\mu$ s) [total]	125 kA
Blow-out	no
Version for	1-pole base
Pole version	1
Structural width in division units (division unit, 17.5 mm)	2
Operating temperature, max.	85 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350)	125 kA
Explosion-tested version	no
Remote signalling	no
Conductor cross-section, rigid (single-wire/multiwire), max.	50 mm <sup>2</sup>
Conductor cross-section, rigid (single-wire/multiwire), min.	10 mm <sup>2</sup>
Lightning protection zone LPZ	0→1
Installation type	DIN rail 35 mm
Nominal discharge current (8/20 $\mu$ s)	50 kA
Network form	All
Test class, type 1	yes
Protection rating	IP20
Signalling on device	None
Permitted temperature range, max.	85 °C
Permitted temperature range, min.	-40 °C