



- VDE test marks
- Conforms to VDN Directive 2nd Edition 2004
- Cover and base, plug-in cover
- Arresting capacity 50 kA (10/350 μ s) per pole
- Protection level < 2.0 kV
- Line following current quenching 25 kA I_{peak}
- Incl. plug caps for identifying the connections
- Encapsulated, non-extinguishing spark gap: can be used in standard distributor housings

The technical drawing shows two views of the OBO 600W power supply unit:

- Front View (Left):** Shows the input terminals labeled L1+, L1-, N, and PE. The width of the terminal block is dimensioned as 35 mm.
- Side View (Right):** Shows the profile of the unit. The total height is dimensioned as 100 mm. The distance from the bottom edge to the top of the main housing is dimensioned as 49.5 mm. The distance from the bottom edge to the center of the output terminals is dimensioned as 44.8 mm.

Type	Highest continu- ous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
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MC 50-B VDE	255	1-pole	1	34,400	5096847
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A vertical rod is shown, with a rectangular block in the center. Inside the block is a triangle pointing downwards. The rod is attached to a horizontal bar at the top and has a small circular component at the bottom.

Nominal voltage V	U_N	230
SPD to EN 61643-11		Type 1
SPD to IEC 61643-11		Class I
Lightning protection zone LPZ		0→1
Impulse discharge current (10/350) kA	I_{imp}	50
Total discharge current (10/350) kA	I_{total}	50
Nominal discharge current (8/20) kA	I_n	50
Arrestor surge current (8/20) [total] kA	$I_{Total 8/20}$	50
Voltage protection level kV	U_p	<2.0
Response time ns	t_A	<100
Follow current quenching capacity (eff) [N-PE] kA	I_{li}	25
Maximum back-up fuse A		500
Temperature range °C	ϑ	-40-85
Division unit TE (17.5 mm)		2
Protection rating		IP20
Connection cross-section rigid mm ²		10-50
Connection cross-section, multi-wire mm ²		10-35
Connection cross-section, flexible mm ²		10-25