

Technical data sheet

Surge protection, arrester, type 1+2 (office and housing)

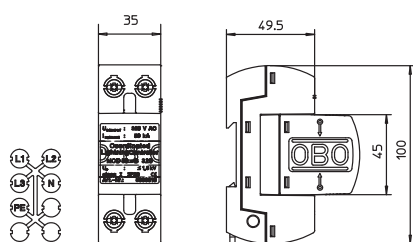


MCD 50-B: Coordinated lightning current arrester, type 1 (Class B) DIN EN 61643-11. For interface 0 to 2 (LPZ) in accordance with lightning protection zone concept to IEC 61312-1 and/or DIN V VDE V 0185 Part 4.

Combination arrester for use in TN and TT networks.

- Arresting capacity 50 kA (10/350 μ s) per pole
- Protection level < 1.3 kV
- Line follow current quenching 10 kA I_{peak}
- Incl. plug caps for identifying the connections
- Encapsulated, non-extinguishing spark gap: Can be used in standard distributor housings.

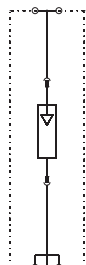
Dimensions



Application example: Compact surge protection concepts in a separate housing. Installation of requirement class B+C arresters in a distributor without de-coupling inductances and/or cable lengths, e.g. directly on the mobile radio system.

Type	Highest Version continuous operating voltage V	Pack. pcs	Weight kg/100 pcs.	Item No.
MCD 50-B-320	320	1	34,400	5096860

Connection options



MCD 50-B-320

Max. continuous operating voltage V	U_c	320
SPD to EN 61643-11		Type 1
SPD to IEC 61643-11		Class I
Lightning protection zone LPZ		0→2
Impulse discharge current (10/350) kA	I_{imp}	50
Voltage protection level kV	U_p	1,3
Response time ns	t_A	<100
Short-circuit resistance kA	I_{peak}	25
Maximum back-up fuse A		500
Temperature range °C	θ	-40+85
Protection rating		IP 20
Division unit TE (17.5 mm)		2
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

Authorized Channel Partner

