

Technical data sheet

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



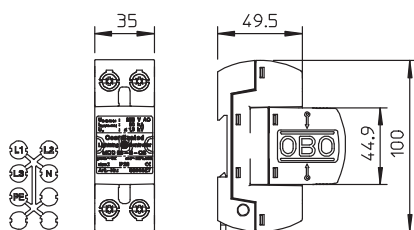
Combination arrester, surge arrester, type 1

- Protection level < 1.3 kV allows device protection
- For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305)
- Lightning current arresting capacity to 50 kA (10/350) per pole and up to 150 kA (10/350) in total
- Line following current quenching 25 kA I_{peak}, arrester backup fuse to 500 A gL/gG
- Suitable for use in pre-meter area according to the VDEW directive
- Encapsulated, non-extinguishing spark gap arrester for use in distributor housings

Application: Industrial systems and buildings with external lightning protection of the highest class I to IV.

Type	Highest continuous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
MCD 50-B-OS-320	320	—	1	34,800	5096861

Dimensions



Connection options

MCD 50-B-OS-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
Maximum back-up fuse A		500
Temperature range °C	θ	-40+85
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

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