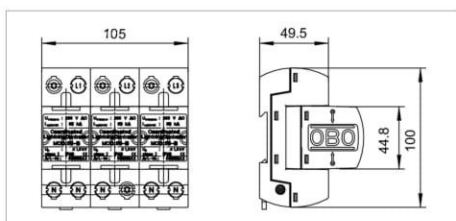


Technical data sheet

Combination arrester, 3-pole



Combination arrester, 3-pole, for use in TN-C networks.

Completely pre-terminated and ready for connection, consisting of:
MCD 50-B: Type 1 (Class B) coordinated lightning current arrester to DIN EN 61643-11. For interface 0 to 2 (LPZ) in accordance with lightning protection zone concept to IEC 61312-1 and DIN VDE 0185-305.

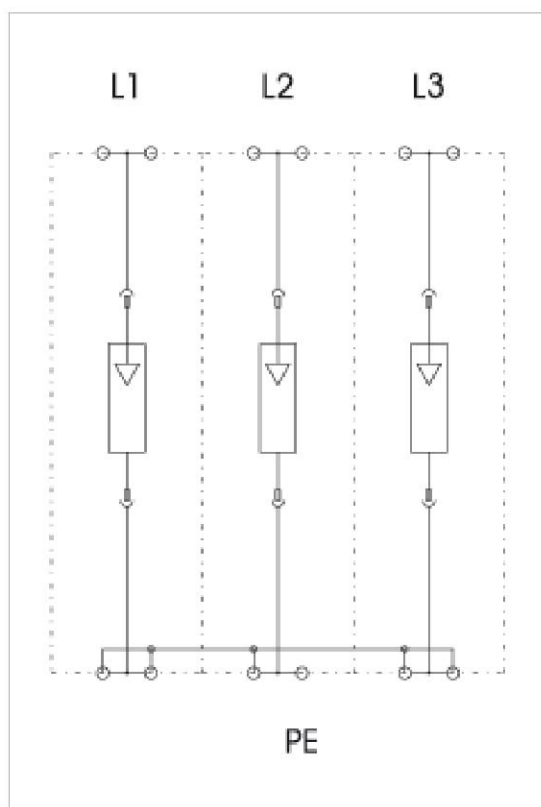
- Arresting capacity 50 kA 10/350 μ s per pole
- Conforms to VDN Directive 2nd Edition 2004
- Protection level • Line follow current quenching 25 kA Ipeak
- Incl. plug caps for identifying the connections
- Encapsulated, non-extinguishing spark gap
- Can be used in standard distributor housings.

Application example: Compact surge protection concepts and installations of requirement class B+C arrestors in a distributor without decoupling inductances and/or line lengths, e.g. direct on mobile radio system.

Type	Maximum continuous voltage V	Version	Pack Units	Weight kg/100 pc.	Art.-No.
MCD 50-B 3	255	3-pole	1	117.000	5096877

/pc.

Connection-/Circuit diagram



Article number			5096877
Nominal voltage	U_N	V	230
SPD to EN 61643-11			Type 1
SPD to IEC 61643-1			class I
LPZ			0~2
Lightning impulse current (10/350)	I_{imp}	kA	50
Lightning impulse current (10/350) [total]		kA	150
Nominal discharge surge current (8/20)	I_n	kA	50
Arrester surge current (8/20) [total]		kA	150
Voltage protection level	U_p	kV	1,3
Response time	t_A	ns	<100
Follow current quenching capacity I_{peak}	$I_{fi peak}$	kA	25
Maximum back-up fuse		A	500
Temperature range	ϑ	°C	-40
Division unit TE (17.5 mm)			6
Protection rating			IP 20
Connection cross-section, rigid		mm ²	10
Connection cross-section, multi-wire		mm ²	10

Connection-/Circuit diagram

Connection cross-section, flexible

mm²

10