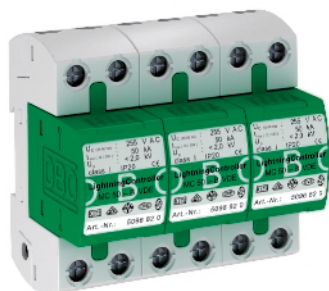


Lightning current arrester, 3-pole



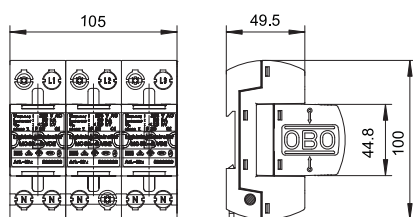
LightningController set, 3-pole, for use in TN-C networks:



Completely pre-terminated and ready for connection, consisting of:
MC 50-B VDE: Type 1 (Class B) lightning current arrester in accordance with DIN EN 61643-11 for interface 0 to 1 (LPZ) to and/or in accordance with lightning protection concept to IEC 61312-1 and/or DIN V VDE V 0185-305 (IEC 62305)

- VDE test marks
- Conforms to VDN Directive 2nd Edition 2004
- Upper part and base, plug-in upper part
- Arresting capacity 50 kA (10/350 μ s) per pole
- Voltage 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

Dimensions



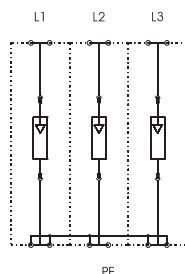
Application example: Industrial plants; lightning current arrester in accordance with VDN Directive 2nd Edition 2004 for pre-meter area.

Note: Required as decoupling length for surge voltage protection of 5 m of cable.

Type	Highest Version	Pack. pcs	Weight kg/100 pcs.	Item No.
continuous voltage V				

MC 50-B 3	255	3-pole	1	117,000	5096876
-----------	-----	--------	---	---------	---------

Connection options



MC 50-B 3		
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}	150
Nominal discharge current (8/20) kA	I_n	50
Arrester surge current (8/20) [total] kA	$I_{total 8/20}$	150
Voltage protection level kV	U_p	< 2,0
Response time ns	t_A	< 100
Follow current quenching capacity (eff) [N-PE] kA	I_{fi}	25
Maximum back-up fuse A		500
Temperature range °C	θ	-40+85
Division unit TE (17.5 mm)		6
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