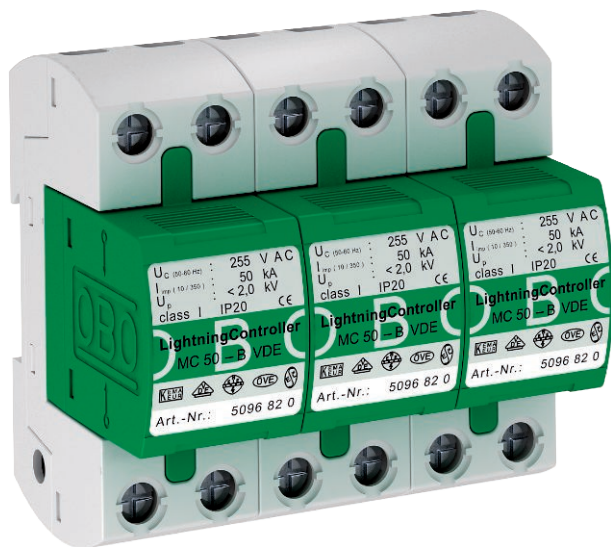


Technical data sheet

Lightning current arrester, 3-pole

Item no. 5096876



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

Completely pre-terminated and ready for connection, consisting of:
Lightning current arrester, type 1, to EN 61643-11 for interface 0 to 1 (LPZ) according to lightning protection zone concept to IEC 61312-1 and DIN VDE 0185-305.

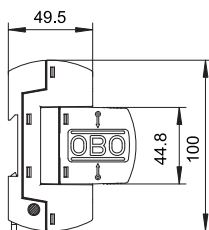
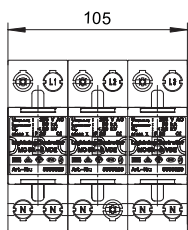
- Entspricht VDE-AR-N 4100
- Ober- und Unterteil, steckbares Oberteil
- Ableitvermögen 50 kA (10/350 µs) pro Pol
- Protection level < 2,0 kV
- Netzfolgestromlöschend 25 kA Ipeak
- Inkl. Steckkappen zur Kennzeichnung der Anschlüsse
- Gekapselte, nicht ausblasende Funkenstrecke: Einsatz in handelsüblichen Verteilergehäusen möglich

Anwendungsbeispiel: Industrieanlagen; Blitzstromableiter gemäß VDE-AR-N 4100 für den Vorzählerbereich.

Note: Requires as a decoupling length for surge protection 5 m of cable.



Dimensions



Length	100,00 mm
Width	105,00 mm
Height	69,00 mm

Master data

Item no.	5096876
Type	MC 50-B 3
Description 1	LightningController
Description 2	set for TN-C networks
Dimension	255V
Smallest sales unit (VG)	1,00 Piece
Weight	117,00 kg/100 pc.

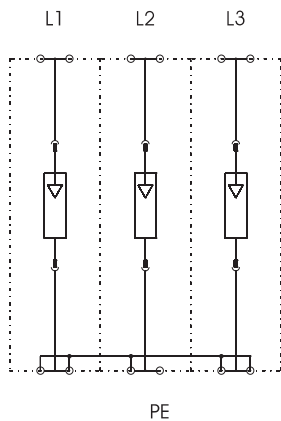
Technical data sheet

Lightning current arrester, 3-pole

Item no. 5096876



Technical data



SPD to EN 61643-11	Type 1
SPD to IEC 61643-11	Class I
Test class, type 1	<input checked="" type="checkbox"/>
Nominal voltage	230,00 V
Maximum continuous voltage AC	255,00 V
Max. continuous operating voltage	255,00 V
Nominal discharge current (8/20)	50 kA
Impulse discharge current (10/350)	50,00 kA
Lightning surge current (10/350)	150,00 kA
Arrestor surge current (8/20) [total]	150,00 kA
Protection level	< 2,0 kV
Follow current quenching capacity (eff) [N-PE]	25,00 kA
Response time	<100 ns
Maximum back-up fuse	500,00 A
Temperature range	-40+85 °C
Pole version	3
Version	3-pole
Version	3-pole
Mounting type	Hat rail 35 mm
Installation type	DIN rail 35 mm
Protection rating	IP20
Protection rating	IP 20
Blow-out	<input type="checkbox"/>
Division unit TE (17.5 mm)	6
Remote signalling	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
Connection cross-section, flexible	10,00 - 25,00 mm ²
Connection cross-section, rigid	10,00 - 50,00 mm ²
Connection cross-section, multi-wire	10,00 - 35,00 mm ²
Signalling on device	None