

Technical data sheet

Lightning current arrester, 1-pole NPE



Item no. 5096863



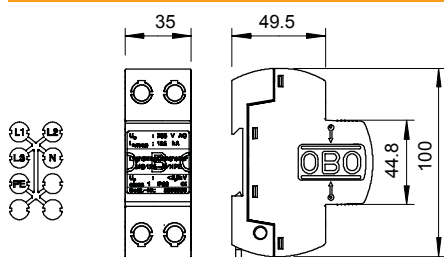
For use in TN-S and TT systems as N-PE discharge gap, type 1 (Class B) IEC 61643, for interface 0 to 1 (LPZ) according to lightning protection zone concept to IEC 61312-1 and/or DIN VDE 0185-305 Part 4 for use as discharge gap between N and PE.

- Complies with VDE-AR-N 4100
- Arresting capability 125 kA (10/350 μ s)
- Incl. plug caps for labelling the connections
- Voltage protection level <2.5 kV
- Enclosed, non-extinguishing discharge gap: can be used in normal commercial distributor housings

Application example: lightning arrester in accordance with VDE-AR-N 4100 for pre-meter area.
Note: Requires as a decoupling length for surge protection 5 m of cable.



Dimensions



Length	100,00 mm
Width	35,00 mm
Height	69,00 mm

Master data

Item no.	5096863
Type	MC 125-B NPE
Description 1	LightningController
Description 2	for N to PE
Dimension	255V
Smallest sales unit (VG)	1,00 Piece
Weight	52,00 kg/100 pc.

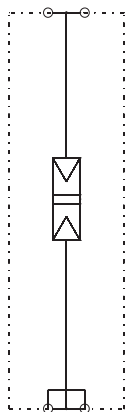
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SPD to EN 61643-11	Type 1
SPD to IEC 61643-11	Class I
Test class, type 1	<input checked="" type="checkbox"/>
Nominal voltage	230,00 V
Maximum continuous voltage AC	255,00 V
Max. continuous operating voltage	255,00 V
Nominal discharge current (8/20)	50 kA
Impulse discharge current (10/350)	50,00 kA
Lightning surge current (10/350)	125,00 kA
Arrester surge current (8/20) [total]	125,00 kA
Protection level	< 2,5 kV
Follow current quenching capacity (eff) [N-PE]	0,10 kA
Response time	< 100 ns
Temperature range	-40+85 °C
Pole version	N/PE
Version	1-pole; 255 V
Version	NPE
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)	2
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