

Technical data sheet

Lightning current arrester, 1-pole with function display

Item no. 5096851



Lightning arrester with visual function display, type 1, in accordance with DIN EN 61643-11 for interface 0 to 1 (LPZ) in accordance with lightning protection concept to IEC 61312-1 and VDE 0185-305 (IEC 62305)

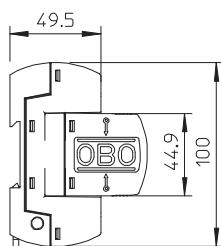
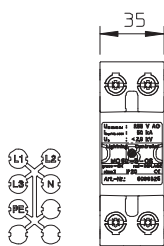
- Upper part and base, plug-in upper part
- Arresting capacity 50 kA (10/350 μ s) per pole
- Voltage protection level < 2.0 kV
- Power consumption < 26 mW/pole
- Line following current quenching 25 kA I_{peak}
- Incl. plug caps for labelling the connections
- Encapsulated, non-extinguishing spark gap: can be used in standard distributor housings

Application example: Industrial systems.

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.	5096851
Type	MC 50-B-OS
Description 1	LightningController
Description 2	with function display
Dimension	255V
Smallest sales unit (VG)	1,00 Piece
Weight	34,80 kg/100 pc.

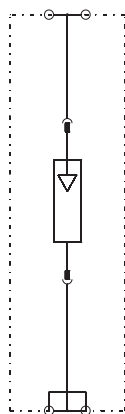
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SPD to EN 61643-11	Type 1
SPD to IEC 61643-11	Class I
Test class, type 1	<input checked="" type="checkbox"/>
Nominal voltage	230,00 V
Maximum continuous voltage AC	255,00 V
Max. continuous operating voltage	255,00 V
Nominal discharge current (8/20)	50 kA
Impulse discharge current (10/350)	50,00 kA
Lightning surge current (10/350)	50,00 kA
Arrester surge current (8/20) [total]	50,00 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	1
Version	1-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)	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	Visual