

Technical data sheet

CoordinatedLightningController, plug-in arrester

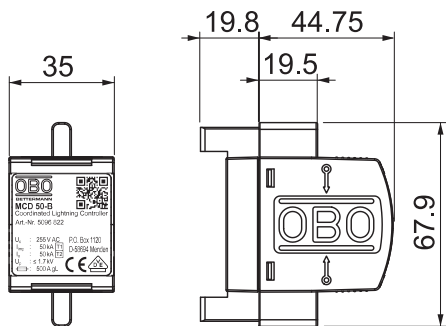
Item no. 5096822



- Combination arrester type 1+2
- Lightning current arresting capacity 50 kA (10/350)
 - Protection level < 1.7 kV
 - Line current quenching capacity 10 kA
 - Encapsulated, non-extinguishing spark gap
- Application: Industrial systems and buildings with external lightning protection of classes I to IV.



Dimensions



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

Master data

Item no.	5096822
Type	MCD 50-B 0
Description 1	CoordinatedLightningController
Description 2	plug-in arrester
Dimension	255V
Smallest sales unit (VG)	1 Piece
Weight	19,20 kg/100 pc.

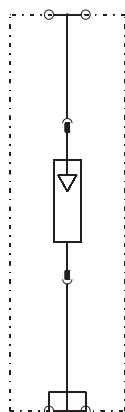
Technical data sheet

Coordinated Lightning Controller, plug-in arrester

Item no. 5096822



Technical data



SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Test class, type 1	☒
Test class, type 2	☒
Nominal voltage	230,00 V
Maximum continuous voltage AC	255,00 V
Max. continuous operating voltage	255,00 V
Maximum continuous voltage (L-N)	255,00 V
Maximum continuous voltage (N-PE)	255,00 V
Nominal discharge current (8/20)	50 kA
Nominal discharge current (8/20 µs) [L-N]	50,00 kA
Rated current	125,00 A
Impulse discharge current (10/350)	50,00 kA
Lightning impulse current (10/350) (L-N)	50,00 kA
Lightning surge current (10/350)	50,00 kA
Arrester surge current (8/20) [total]	50,00 kA
Protection level	< 1,7 kV
Protection level [L-N]	1,70 kV
Protection level (L-N)	< 1,7 kV
Follow current quenching capacity I _{eff}	10,00 kA
Response time	<100 ns
Maximum back-up fuse	500,00 A
Temperature range	-40+85 °C
Pole version	1
Pole number	1
Version	1-pole cover; 255 V
Version	1-pole
Mounting type	On basic element
Installation type	On basic element
Protection rating	IP20
Protection rating	IP 20
Approvals	
Blow-out	☐
Size	2 part units
Division unit TE (17.5 mm)	2
Remote signalling	☐
Telecommunications contact	☐
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