

Technical data sheet

Plug-in arrester C20

Item no. 5095600



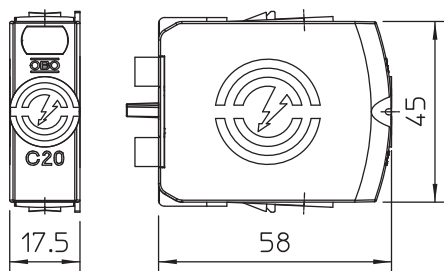
N-PE surge arrester, type 2

- For surge voltage protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Discharge capacity to 40 kA (8/20) per pole through high-performance varistors
- Modular connectable arrester with dynamic cut-off unit and visual status display
- Locking mechanism with vibration protection and voltage keying
- Plastic (UL 94 V-0)

Application: Equipotential bonding in main and sub-distributors.



Dimensions



Master data

Item no.	5095600
Type	C20-0-255
Description 1	NPE discharge gap
Description 2	plug-in arrester
Dimension	255V
Smallest sales unit (VG)	1,00 Piece
Weight	3,68 kg/100 pc.

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SPD to EN 61643-11	Type 2
SPD to IEC 61643-11	Class II
SPD to UL 1449	Type 4
Test class, type 2	☒
Nominal voltage AC (50/60 Hz)	230,00 V
Maximum continuous voltage AC	255,00 V
Maximum continuous voltage (N-PE)	255,00 V
Nominal discharge current (8/20 µs)	20,00 kA
Nominal discharge current (8/20 µs) [N-PE]	40,00 kA
Maximum discharge current (8/20 µs)	40,00 kA
Maximum discharge current (8/20 µs) [N-PE]	60,00 kA
Protection level	1,30 kV
Protection level [N-PE]	1,30 kV
Follow current quenching capacity (eff) [N-PE]	0,10 kA
Response time [L-N]	25 ns
Response time [N-PE]	100 ns
Short-circuit resistant	☒
TOV voltage [N-PE] – withstand mode – 200 ms	1.200,00 V
Operating temperature range	-40+80 °C
Humidity	5,00 - 95,00 %
Function/defect display	Optical
Ports	One-Port SPD
Pole version	N/PE
Pole number	1,00
Connection cross-section (min.)	1,50 mm ²
Connection cross-section (max.)	35,00 mm ²
Connection cross-section (min.)	16,00 AWG
Connection cross-section (max.)	2,00 AWG
Torque	4,00 Nm
Torque	35,00 Lbs
Mounting type	On basic element
Housing material	PA UL 94 V-0
Installation location	Interior
Protection rating	IP20
Minimum distance	1,50 mm
Approvals	UL
Switching power AC	230 V; 0,5 A
Switching power DC	230 V; 0,1 A / 75 V; 0,5 A
Protective conductor current	< 2 µA
Blow-out	☐
Size	1 part unit
Remote signalling	☐
Integrated back-up fuse	☐
Signalling on device	Visual