Technical data sheet

Plug-in arrester, total spark gap between N and PE 255 V

Item number: 5095603

Plug-in total discharge gap for use between neutral lines (N) and protector (PE)
Suitable for use in combination with:

- CombiController, type V 25-B+C
- SurgeController, type V 20-C
- SurgeController, type V 10-C

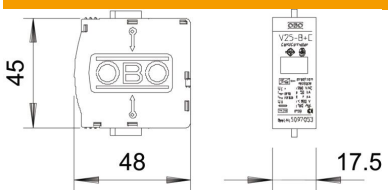
* Complete = Plug-in arrester and base

Type 1+2 | LPZ 0→2

Master data

Item number	5095603
Type	C 25-B+C 0
Description 1	Lightning current conductor
Description 2	choose N against PE
Manufacturer	OBO
Dimension	255V
Smallest sales unit	1
Unit of quantity	Piece
Weight	5.3 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,35 kg CO2e / 1 Piece

Dimensions



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Technical data

[redacted]

Arrester surge current (8/20 µs) [total]	30 kA
Response time	<100 ns
Blow-out	no
Version for	1-pole cover; 255 V
Pole version	N/PE
Structural width in division units (division unit, 17.5 mm)	1
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 µs)	25 kA
Lightning surge current (10/350 µs) [N/PE]	25 kA
Remote signalling	no
Follow current quenching capacity (eff) [N-PE]	0.1 kA
Maximum continuous voltage AC	255 V
Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm²
Lightning protection zone LPZ	0→2
Max. mains-side overcurrent protection	160
Maximum back-up fuse	160 A
Maximum discharge current (8/20 µs)	50 kA
Installation type	On basic element
Nominal discharge current (8/20 µs)	30 kA
Nominal discharge current (8/20 µs) [N-PE]	30 kA
Nominal voltage AC (50/60 Hz)	230 V
Network form	Other
ROHS-conformant	yes
Protection rating	IP20
Protection level	≤1,2 kV
Signalling on device	None
SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C