

# 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:

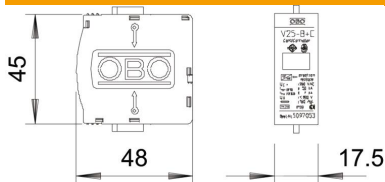
- CombiController, type V 25-B+C
- SurgeController, type V 20-C
- SurgeController, type V 10-C
- \* Complete = Plug-in arrester and base



### 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



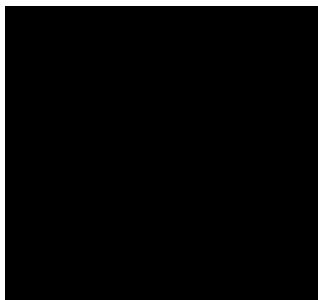
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## Technical data

	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 mm <sup>2</sup>
	Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm <sup>2</sup>
	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
	Protection rating	IP20
	Protection level	≤1,2 kV
	Signalling on device	None
SPD to EN 61643-11	Type 1+2	
SPD to IEC 61643-1	Class I+II	
Permitted temperature range, max.	80 °C	
Permitted temperature range, min.	-40 °C	