Technical data sheet

CombiController V25, plug-in arrester 320 V

Item number: 5097290

Combination arrester – type 1+2

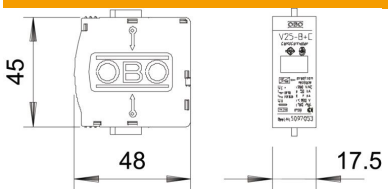
- Plug-in arrester can be separated from base without tools and current cut-off in base
- Including thermal and dynamic cut-off unit and visual fault display
- High current conductivity and long service life

Type 1+2 | LPZ 0→2

Master data

Item number	5097290
Type	V25-B+C 0-320
Description 1	CombiController V25
Description 2	plug-in arrester
Manufacturer	OBO
Dimension	320V
Smallest sales unit	1
Unit of quantity	Piece
Weight	8.6 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,1465 kg CO2e / 1 Piece

Dimensions



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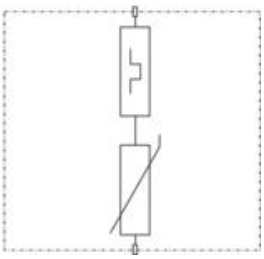

Arrester surge current (8/20 µs) [total]	30 kA
Response time	<25 ns
Blow-out	no
Version for	1-pole
Pole version	1
Structural width in division units (division unit, 17.5 mm)	1
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 µs)	7 kA
Lightning surge current (10/350)	7 kA
Remote signalling	no
Maximum continuous voltage AC	320 V
Maximum continuous voltage DC	420 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 voltage AC (50/60 Hz)	320 V
Network form	Other
Pole number	1
ROHS-conformant	yes
Protection rating	IP20
Protection level	≤1,3 kV
Signalling on device	Visual
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