Technical data sheet

CombiController V50, plug-in arrester 280 V

Item number: 5093724

CombiController upper part– type 1+2 combination arrester

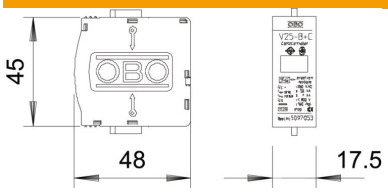
• Plug-in upper part can be fitted into the base without tools or current interruption
• Incl. thermal and dynamic cut-off unit and visual display of defects
• High current conductivity and long service life
Plug-in arrester

Type 1+2 | LPZ 0→2

Master data

Item number	5093724
Type	V50-B+C 0-280
Description 1	CombiController V50
Description 2	plug-in arrester
Manufacturer	OBO
Dimension	280V
Smallest sales unit	1
Unit of quantity	Piece
Weight	8 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,1672 kg CO2e / 1 Piece

Dimensions



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[redacted]

Arrester surge current (8/20 µs) [total]	30 kA
Response time	<25 ns
Blow-out	no
Version for	1-pole upper part
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)	12.5 kA
Lightning surge current (10/350)	12.5 kA
Remote signalling	no
Maximum continuous voltage AC	280 V
Maximum continuous voltage DC	350 V
Integrated back-up fuse	no
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	125
Maximum back-up fuse	125 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) [L-N]	30 kA
Nominal voltage AC (50/60 Hz)	230 V
DC network form	no
IT network form	no
Other network form	no
TN network form	no
TN-C network form	no
TN-C-S network form	no
TN-S network form	no
TT network form	no
Pole number	1
ROHS-conformant	yes
Protection rating	IP20
Protection level	≤1,3 kV
Protection level [L-N]	≤1,3
Protection level [N-PE]	1.5 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