

Technical data sheet

Combination arrester V25, 1-pole + NPE 150 V

Item number: 5094448



Combination arrester, lightning and surge arrester type 1+2

- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Universally suitable for TN and TT systems
- Plug-in arrester with dynamic cut-off unit
- Visual function display
- Voltage protection level < 0.6 kV
- Encapsulated, non-extinguishing zinc oxide varistor arrester for use in standard distributor housings
- Labelled connections

Application example: Buildings with open-wire power supply or for setting up lightning protection equipotential bonding in residential buildings.

* Complete = Plug-in arrester and base



Master data

Item number	5094448
Type	V25-B+C 1NPE150
Description 1	CombiController V25
Description 2	1+1 version
Manufacturer	OBO
Dimension	150V
Smallest sales unit	1
Unit of quantity	Piece
Weight	24.9 kg
Weight unit	kg/100 pc.

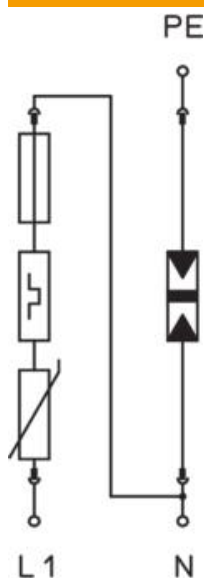
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Arrester surge current (8/20 μ s) [total]	60 kA
Response time	<25 ns
Blow-out	no
Version for	1+NPE
Pole version	1+N/PE
Structural width in division units (division unit, 17.5 mm)	2
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 μ s)	8 kA
Lightning surge current (10/350 μ s) [N/PE]	25 kA
Lightning surge current (10/350 μ s)	16 kA
Remote signalling	no
Maximum continuous voltage AC	150
Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm ²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm ²
Lightning protection zone LPZ	0→2
Max. mains-side overcurrent protection	160
Maximum back-up fuse	160 A
Maximum discharge current (8/20 μ s)	50 kA
Nominal discharge current (8/20 μ s)	30 kA
Nominal discharge current (8/20 μ s) [L-N]	30 kA
Nominal discharge current (8/20 μ s) [N-PE]	30 kA
Nominal voltage AC (50/60 Hz)	130 V
Network form	Other
TN network form	yes
TN-C-S network form	yes
TN-S network form	yes
TT network form	yes
Pole number	1
Protection rating	IP20
Protection level	≤0,6
Signalling on device	Visual
SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-1	Class I+II