Technical data sheet

Surge arrester V10 Compact with audible signalling 255 V

Item number: 5093391



Surge protective device, compact module, type 2+3

- Surge protection in sub-distributors to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity up to 60 kA (8/20) in total
- Integrated 3+1 solution for TN and TT network systems on 45 mm module width
- High-performance varistor technology
- Including thermic and dynamic cut-off unit and visual function display
- ...-AS version with additional acoustic defect signalling (switchable)

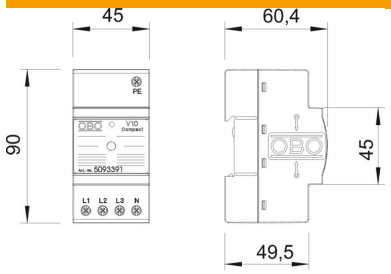
Application: Sub/storey distribution as well as device protection in rotational current systems.

LPZ 1→3 | Type 2+3 | AS

Master data

Item number	5093391
Type	V10 COMPACT-AS
Description 1	V10 Compact
Description 2	with acoustic signalling
Manufacturer	OBO
Dimension	255V
Smallest sales unit	1
Unit of quantity	Piece
Weight	15.8 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	1,0235 kg CO2e / 1 Piece

Dimensions



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Arrester surge current (8/20 µs) [total]	60 kA
Response time	<25 ns
Blow-out	no
Pole version	3+N/PE
Structural width in division units (division unit, 17.5 mm)	Miscellaneous
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Remote signalling	no
Follow current quenching capacity (eff) [N-PE]	0.1 kA
Follow current quenching capacity leff	10 kA
Suitable for outdoor use	no
Maximum continuous voltage AC	255 V
Integrated back-up fuse	no
Conductor cross-section, rigid (single-wire/multiwire), max.	10 mm²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm²
Lightning protection zone LPZ	1→3
Max. mains-side overcurrent protection	63
Maximum back-up fuse	63 A
Maximum discharge current (8/20 µs)	20 kA
Installation type	DIN rail 35 mm
Nominal discharge current (8/20 µs)	10 kA
Nominal voltage AC (50/60 Hz)	230 V
Network form	Other
TN network form	yes
TN-C-S network form	yes
TN-S network form	yes
TT network form	yes
Test class, type 2	yes
Test class, type 3	yes
ROHS-conformant	yes
Protection rating	IP20
Protection level	≤1,1 kV
Signalling on device	Optical and acoustic
SPD to EN 61643-11	Type 2+3
SPD to IEC 61643-11	Class II+III
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C