

Technical data sheet

Surge arrester V10 Compact with remote signalling 255 V

Item number: 5093382



- 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
 - ...-FS version with potential-free changeover contact for remote signalling
- Application: Sub/storey distribution as well as device protection in rotational current systems.



Master data		
Item number	5093382	
Description 1	V10 Compact	
Description 2	with remote signalling	
Manufacturer	OBO	
Dimension	255V	
Smallest sales unit	1	
Unit of quantity	Piece	
Weight	17.3 kg	
Weight unit	kg/100 pc.	

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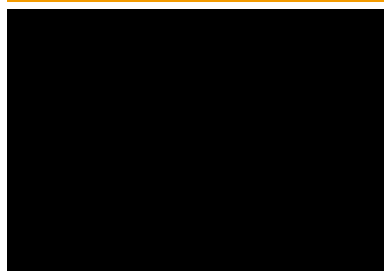
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Dimensions



Technical data



Arrester surge current (8/20 µs) [total]	60 kA
Response time	<25 ns
Version for	3+NPE
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	yes
FM contacts	Changeover
Follow current quenching capacity (eff) [N-PE]	10 kA
Maximum continuous voltage AC	255 V
Integrated back-up fuse	no
Conductor cross-section, flexible (fine-wire), max.	10 mm ²
Conductor cross-section, flexible (fine-wire), min.	2.5 mm ²
Conductor cross-section, rigid (single-wire/multiwire), max.	10 mm ²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm ²
Lightning protection zone LPZ	1→3
Max. mains-side overcurrent protection	63 A gL/gG
Maximum back-up fuse	63 A
Maximum discharge current (8/20 µs)	20 kA
Maximum discharge current (8/20 µs) [N-PE]	60 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

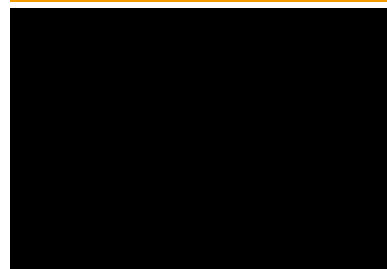
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TT network form	yes
Test class, type 2	yes
Test class, type 3	yes
Protection rating	IP20
Protection level [L-N]	≤1,1
Protection level [N-PE]	1.2 kV
Signalling on device	Visual
SPD to EN 61643-11	Type 2+3
SPD to IEC 61643-1	Class II+III
Cable type for surge protection devices	Power cable AV