

Technical data sheet

Surge protection, arrestor, type 2+3



Surge arrestor Compact 255 V



Surge protection device, compact module type 2+3

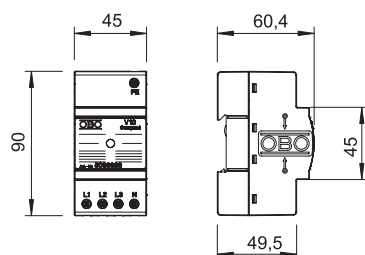
- For surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity up to 60 kA (8/20) in total
- Integrated 3+1 solution for TN and TT network systems on 45 mm module width
- High-performance varistor technology
- Including thermic and dynamic cut-off unit and visual function display
- Optionally with acoustic signalling (-AS) or remote signalling (-FS)

Application: Industry, residential buildings as well as for device protection in alternating current systems.

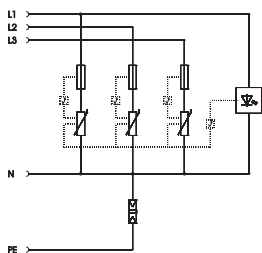
Type	Highest Version	Pack.	Weight	Item No.
	continuous voltage V	pcs	kg/100 pcs.	

V10 COMPACT 255	255	3 + NPE	1	15,800	5093380
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Dimensions



Connection options



V10 COMPACT 255

Nominal voltage V	U_N	230
SPD to EN 61643-11		Type 2+3
SPD to IEC 61643-11		Class II+III
Lightning protection zone LPZ		1→3
Nominal discharge current (8/20) kA	I_n	10
Arrestor surge current (8/20) [total] kA	$I_{Total 8/20}$	60
Maximum discharge current (8/20 μ s) kA	I_{max}	20
Voltage protection level kV	U_p	< 1,1
Response time ns	t_A	< 25
Maximum back-up fuse A		63
Temperature range °C	ϑ	-40-80
Division unit TE (17.5 mm)		2,5
Protection rating		IP20
Connection cross-section rigid mm ²		2,5-10
Connection cross-section, multi-wire mm ²		2,5-10
Connection cross-section, flexible mm ²		2,5-10

