

SurgeController V10 Compact

Compact protection against surge voltages

Applicable in any kind of network

TBS Transient voltage and lightning protection systems



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Receiving safe protection quickly and easily




"Compact" in a 3+1 version - that is the formula for success for the new V10 Compact surge voltage conductor from OBO Bettermann. With a width of just 45 mm, it sets the standard for space-saving surge voltage conductors in the sub-distribution board. The V10 Compact is perfectly suited as fine protection for three-phase current systems.

The integrated visual function display or the expanded variant V10 Compact-AS with acoustic signalling allow constant checking of readiness. Both variants can be used in all network forms from TN to TT.

The connecting bridges VB-V10 Compact allow easy bridging of V10 Compact variants to other series-mounted devices such as earth leakage current breakers.



Technical Data		V10 Compact and V10 Compact-AS		
Nominal voltage	U_n	110 V / 220 V	230 V / 400 V	230 V / 400 V
Maximum continuous operating voltage	U_c	150 V	255 V	385 V
Nominal surge current (8/20)	I_n	10 kA		
Maximum surge current (8/20)	I_{max}	20 kA		
Total surge current (8/20)	I_{total}	60 kA		
Protection level	U_p	< 0.7 kV	< 1.1 kV	< 1.5 kV
Art. no. V10 Compact		5093 37 8	5093 38 0	5093 38 4
Art. no. V10 Compact-AS		-	5093 39 1	-

	Installation location		Accessories	
	<ul style="list-style-type: none"> ▶ Installation in the main distributor or subdistributor ▶ Type 2 and Type 3 Surge voltage arrester ▶ to protect rotary current systems 			
Private building Use in main distributor box and sub-distributor box and/or combined distributor.	TN TT	V10 Compact with visual function display, 63 A*, 2.5 TE** Art. no. 5093 38 0	 Type 2, Type 3 (requirement class C + D), secondary meter area	VB-V10 Compact Connecting bridge 10 mm by 17.5 mm  Art. no. 5089 65 0 (Length: 200 mm) Art. no. 5089 65 2 (Length: 400 mm)
	TN TT	V10 Compact-AS with audible and visual function display 63 A*, 2.5 TE** Art. no. 5093 39 1	 Type 2, Type 3 (requirement class C + D), secondary meter area	

*If series-connected protection > than specified value: protect conductor selectively with specified value ** Division = 17.5 mm grid width for top hat fastening rail

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