

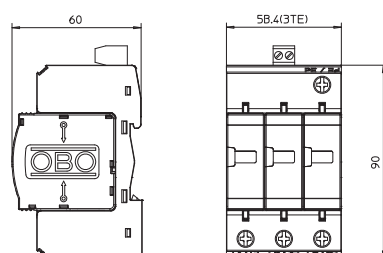
## Lightning current and surge arrester, 3-pole with remote signalling



V 50-B+C/...: Combination arrester set, lightning and surge arrester Type 1+2 to DIN EN 61643-11 (B+C to VDE 0675 Part 6).

- For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305)
- Lightning current arresting capacity 12.5 kA (10/350) per pole
- Universally suitable for TN-C systems
- With new Multibase base with multi-connection terminals
- Complete unit, consisting of cover and base, pre-mounted and ready for connection
- arrester, connectable with dynamic cut-off unit
- With visual function display
- Voltage protection level < 1,3 kV
- Encapsulated, non-extinguishing zinc oxide varistor arrester for use in distributor housings
- Labelled connections
- FS variant with remote signalling contact (potential-free NO contact)

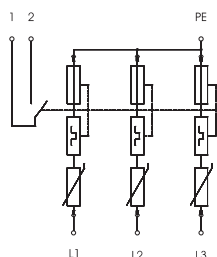
### Dimensions



Application: Equipotential bonding in buildings, even those with external lightning protection of Class III and IV, and in standard distributor housings.

Type	Highest continuous voltage V	Weight pcs	Weight kg/100 pcs.	Item No.	
V50-B+C 3+FS280	280	3-pole + FS	1	43,000	5093643

### Connection options



#### V50-B+C 3+FS280

Nominal voltage V	$U_N$	230
SPD to EN 61643-11		Type 1+2
SPD to IEC 61643-11		Class I+II
Lightning protection zone LPZ		0-2
Impulse discharge current (10/350) kA	$I_{imp}$	12,5
Total discharge current (10/350) kA	$I_{total}$	37,5
Nominal discharge current (8/20) kA	$I_n$	30
Arrester surge current (8/20) [total] kA	$I_{total 8/20}$	90
Maximum discharge current (8/20 $\mu$ s) kA	$I_{max}$	50
		-
Voltage protection level kV	$U_p$	< 1,3
Response time ns	$t_A$	<25
Maximum back-up fuse A		125
Temperature range °C	$\vartheta$	-40-80
Division unit TE (17.5 mm)		3
Protection rating		IP20
Connection cross-section rigid mm <sup>2</sup>		2,5-35
Connection cross-section, multi-wire mm <sup>2</sup>		2,5-35
Connection cross-section, flexible mm <sup>2</sup>		2,5-25