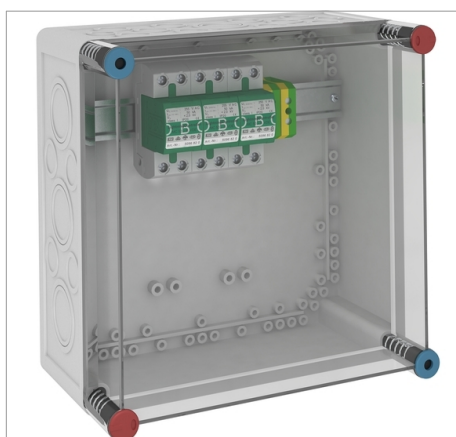


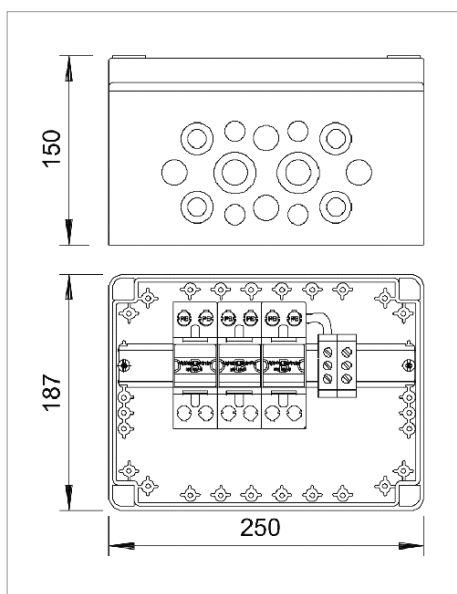
Technical data sheet VG housing with MC 50-B/3



VG...: Lightning arrester system solution Type 1 (Class B) to DIN EN 61643-11.

- LightningController MC 50-B/VDE installed in insulating housing IP 65, sealable housing
- Pulsed current 100 kA 10/350 μ s BET-tested
- Conforms to requirements of VDN Directive, 2nd Edition 2004
- Protection level • Enclosed, non-extinguishing discharge gap
- Suitable for TNC network systems

Application example: the system solution is used in the pre-meter area according to VDN Directive, 2nd Edition 2004.

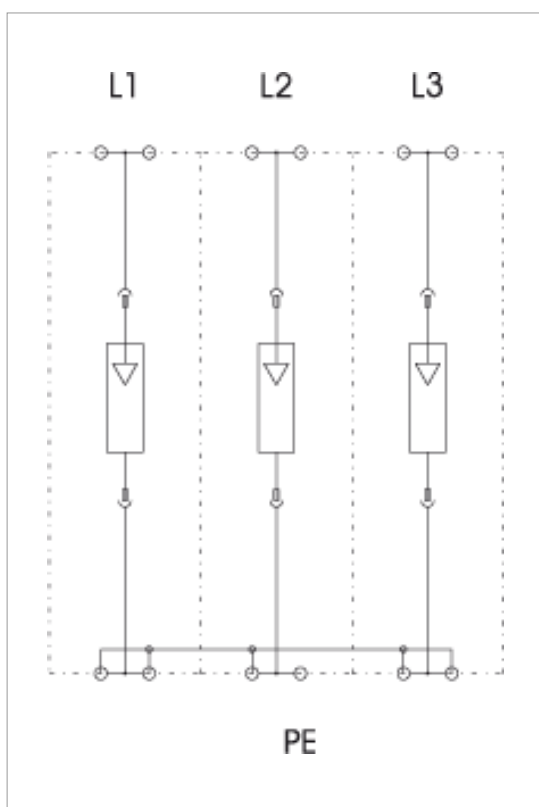


Type	Max. continuous operating voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Art.-No.
VG 3-B TNC	255	3-pole	1	315.000	5089212

G /pc.



Connection-/Circuit diagram



Article number	5089212		
Nominal voltage	U_N	V	230
SPD to EN 61643-11	Type 1		
SPD to IEC 61643-11	class I		
Lightning protection Zone LPZ	0→1		
Impulse discharge current (10/350)	I_{imp}	kA	50
Total discharge current (10/350)	$I_{Total\ 8/20}$	kA	150
Nominal discharge current (8/20)	I_n	kA	50
Arrestor surge current (8/20) [total]	$I_{Total\ 8/20}$	kA	150
Voltage protection level	U_p	kV	<2,0
Response time	t_A	ns	<100
Follow current interrupt rating	I_{fi}	kA	25
Maximum back-up fuse		A	500
Temperature range	ϑ	°C	-40 - +85
Division unit TE (17.5 mm)	6		
Connection cross-section, rigid		mm ²	10 - 50
Connection cross-section, multi-wire		mm ²	10 - 35

Connection-/Circuit diagram

Connection cross-section, flexible

mm²

10 - 25

Legend



Protection rating IP 65



230/400 V system



Protection device to DIN EN 61643-11 or IEC 61643-11



Transition from LPZ 0 to LPZ 1



Lightning current-tested



Russia, GOST The State Committee for Standards



Verband der Elektrotechnik, Elektronik, Informationstechnik e.V., Germany



5-year warranty



Communautés Européennes, EC declaration of conformity according to EC directives