

Technical data sheet

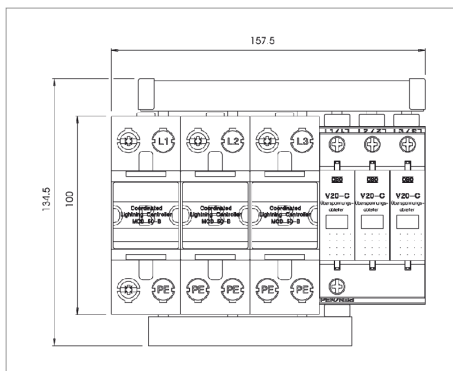
Protection set MCD + V20 3-pole with remote signalling



Series PS...: Protection Set,, Type 1+2 (Class B+C) lightning and surge arrester to VDE 0675 Part 6-11 (DIN EN 61643-11).

- Arresting capacity 100 kA 10/350 μ s BET tested
- Pre-mounted and ready for connection, including connecting bridges, connection terminals marked
- With remote signalling, potential-free NO contact, for function monitoring
- For use in TN-C network system

Note: Max. backup fuse (required only if not already fitted in network) 125 A gL/gG.

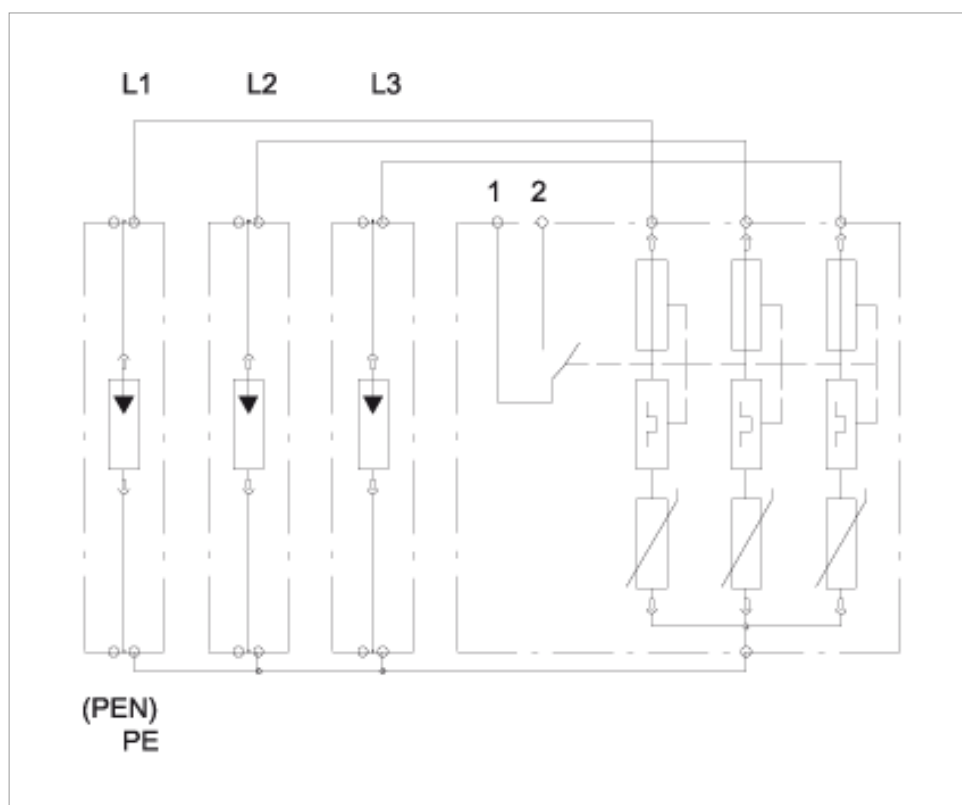


Type	Maximum continuous voltage V	Version	Pack Units	Weight kg/100 pc.	Art.-No.
PS3-B+C TNC+FS	255	3-pole	1	163.000	5089756

G /pc.



Connection-/Circuit diagram



Article number	5089756		
Nominal voltage	U_N	V	230
SPD to EN 61643-11	Type 1+2		
SPD to IEC 61643-1	class I+II		
LPZ	0?2		
Lightning impulse current (10/350)	I_{imp}	kA	100
Nominal discharge surge current (8/20)	I_n	kA	100
Arrester surge current (8/20) [total]		kA	100
Maximum discharge current	I_{max}	kA	100
Voltage protection level	U_p	kV	<1,3
Response time	t_A	ns	<25
Follow current quenching capacity I_{peak}	$I_{fi peak}$	kA	25
Maximum back-up fuse		A	125
Temperature range	?	°C	-40
Division unit TE (17.5 mm)	9		
Protection rating	IP 20		
Connection cross-section, rigid		mm ²	10

Connection-/Circuit diagram

Connection cross-section, multi-wire	mm ²	10
Connection cross-section, flexible	mm ²	10

Legend



230/400 V-system



Combination protection device made of Type 1 and Type 2



Transition from LPZ 0 to LPZ 2



Remote signalling



Communautés Européennes, EC declaration of conformity according to EC directives



Lightning current-tested



Russia, GOST The State Committee for Standards



5-year warranty