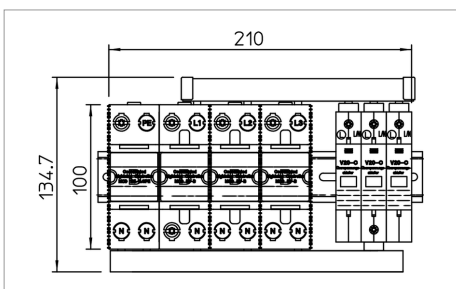


# Technical data sheet

## Protection set MCD + V20 3-pole + NPE



Protection set, lightning and surge arrestor combination, Type 1+2

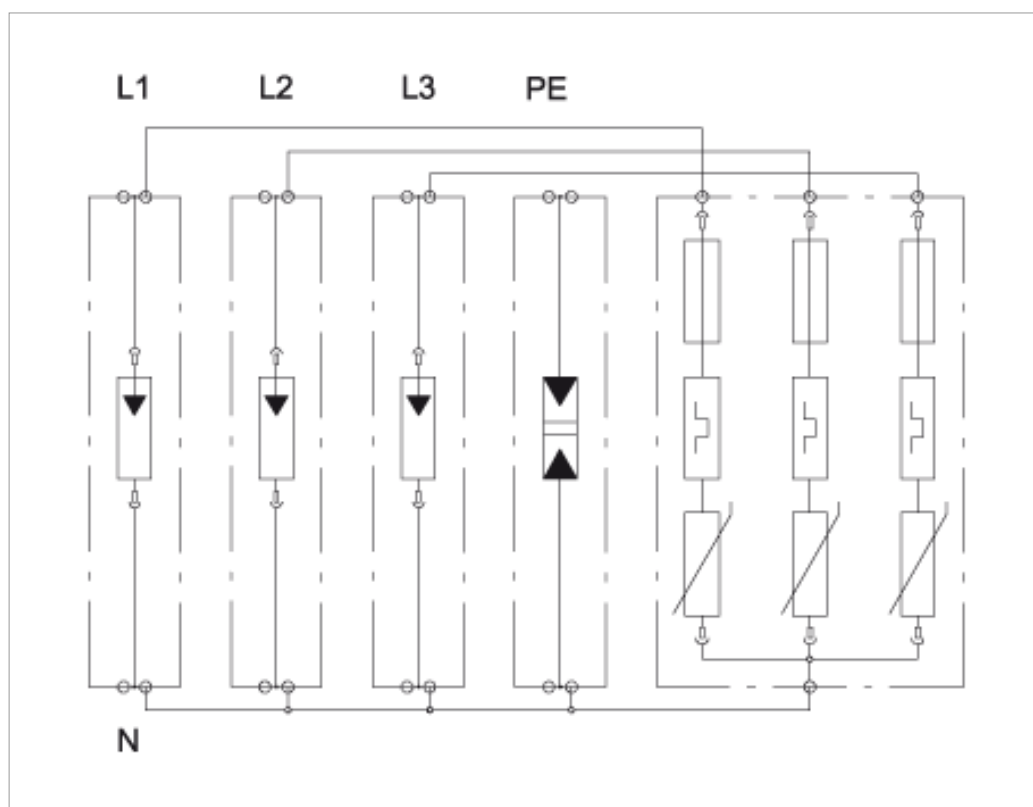
- For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305)
- Lightning current arresting capacity to 50 kA (10/350) per pole and up to 125 kA (10/350) N-PE
- Arrestor, connectable, including connecting bridges, labelled connection terminals
- Encapsulated, non-extinguishing arrestor for use in distributor housings

Application: Mobile telecommunications systems and industrial systems with special requirements.

Type	Maximum continuous voltage V	Version	Pack Units	Weight kg/100 pc.	Art.-No.
PS4-B+C TT+TNS	255	3 + NPE	1	206.000	5089761

/pc.

## Connection-/Circuit diagram



Article number			<b>5089761</b>
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	$\vartheta$	°C	-40
Division unit TE (17.5 mm)			11
Protection rating			IP 20
Connection cross-section, rigid		mm <sup>2</sup>	10

## Connection-/Circuit diagram

Connection cross-section, multi-wire	mm <sup>2</sup>	10
Connection cross-section, flexible	mm <sup>2</sup>	10

## Legend



230/400 V-system



Combination protection device made of Type 1 and Type 2



Transition from LPZ 0 to LPZ 2



Communautés Européennes, EC declaration of conformity according to EC directives



Lightning current-tested



Russia, GOST The State Committee for Standards



5-year warranty