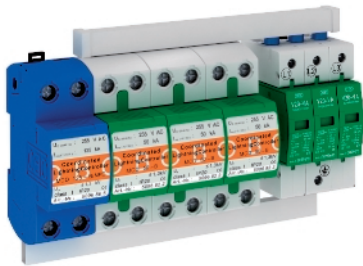


## Protection set MCD + V20, leakage current-free, 3-pole + NPE



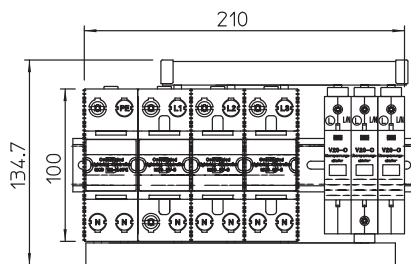
Protection set VA, lightning and surge arrester combination, type 1+2

- 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
- Free of leak current and suitable for use in pre-meter area according to the VDEW directive
- Arrester, connectable, including connecting bridges, labelled connection terminals
- Encapsulated, non-extinguishing arrester for use in distributor housings

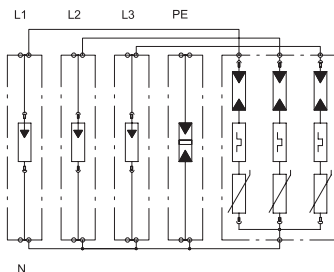
Application: pre-meter area and industrial systems with special requirements.

Type	Highest continuous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
PS4-VA TT+TNS	255	3 + NPE	1	210,000	5089770

### Dimensions



### Connection options



### PS4-VA TT+TNS

Nominal voltage V	$U_N$	230
SPD to EN 61643-11		Type 1+2
SPD to IEC 61643-11		Class I
Lightning protection zone LPZ		0-2
Impulse discharge current (10/350) kA	$I_{imp}$	100
Total discharge current (10/350) kA	$I_{total}$	100
Nominal discharge current (8/20) kA	$I_n$	100
Arrester surge current (8/20) [total] kA	$I_{total 8/20}$	100
Maximum discharge current (8/20 $\mu$ s) kA	$I_{max}$	100
Voltage protection level kV	$U_p$	<1,3
Response time ns	$t_A$	<25
Follow current quenching capacity (eff) [N-PE] kA	$I_n$	25
Maximum back-up fuse A		125
Temperature range °C	$\theta$	-40-85
Division unit TE (17.5 mm)		12
Protection rating		IP20
Connection cross-section rigid mm <sup>2</sup>		10-50
Connection cross-section, multi-wire mm <sup>2</sup>		10-35
Connection cross-section, flexible mm <sup>2</sup>		10-25