Technical data sheet
Surge protection, photovoltaics



LPZ 0→2 | Type 1+2

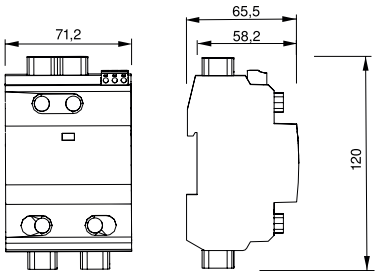
Type 1+2 combination arrestor according to EN 50539-11 for lightning and surge protection of PV systems.

- Lightning protection equipotential bonding according to IEC 62305 (VDE 0185-305)
- Surge protection according to IEC 60364-7-712 (VDE 0100-712)
- Arresting capacity to 12.5 kA (10/350) and 40 kA (8/20)
- Error-resistant Y circuit with status display
- The FS variant possesses a potential-free changeover contact for remote signalling

Application: Lightning current and surge protection devices for PV systems.

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
V-PV-T1+2-1000	1000	Y configuration	1	40,700	**5094230**

Dimensions



Connection options

V-PV-T1+2-1000

U max DC V	U_c DC	1000
SPD to EN 61643-11		Type 1+2
Lightning protection zone LPZ		0→3
Impulse discharge current (10/350) kA	I_{imp}	6,25
Nominal discharge current (8/20) kA	I_n	20
Maximum discharge current (8/20 µs) kA	I_{max}	40
Voltage protection level kV	U_p	< 3,3
Response time ns	t_A	< 25
Temperature range °C	ϑ	-40-80
Protection rating		IP20
Division unit TE (17.5 mm)		4
Connection cross-section rigid mm²		2,5-35
Connection cross-section, multi-wire mm²		2,5-35
Connection cross-section, flexible mm²		2,5-35