

SLP-PV700 V/Y

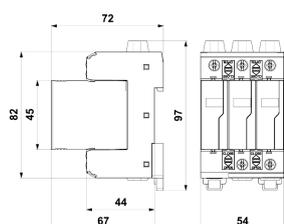
Ordering number 8595090536680

SPD PV type 2 - Surge Arrester for PV systems

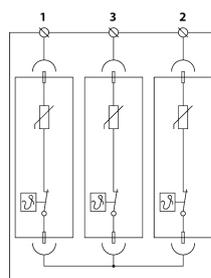
For installation in the DC circuits of solar photovoltaic systems. Remote status signaling (S). Maximum continuous operating voltage for PV application: $U_{cpv} \geq 1,2x U_{OC\ STC}$.



Dimension drawing



Basic circuit diagram



Technical specifications

Type of SPD		PV T2
Maximum operating voltage mode 1/3, 2/3	U_{cpv}	750 V DC
Nominal discharge current (8/20 μ s)	I_n	20,00 kA
Maximum discharge current (8/20 μ s)	I_{max}	40,00 kA
Voltage protection level mode 1/2	U_p	3,60 kV
Voltage protection level mode 1/3, 2/3	U_p	3,60 kV
Short-circuit current rating	I_{SCPV}	1 000 A DC
Response time	t_a	25 ns
Cross-section of connected conductors solid (min)		1,00 mm ²
Cross-section of connected conductors solid (max)		35,00 mm ²
Cross-section of connected conductors stranded (min)		1,00 mm ²
Cross-section of connected conductors stranded (max)		25,00 mm ²
Fault indication		red indication field
Degree of protection		IP 20
Range of operating temperatures - min		-40 °C
Range of operating temperatures - max		80 °C
Mounting		DIN rail 35 mm
According to standard		EN 50539-11:2013
Plug module		SLP-PV350Y V/0
ETIM Class		EC000941