

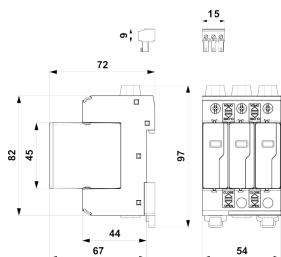
SLP-PV1000 V/Y S

SPD PV type 2 - Surge Arrester for PV systems

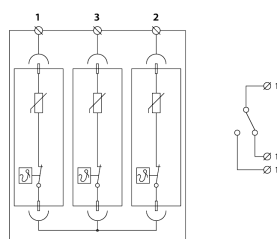
pluggable module, visual fault signalling, module locking, remote fault signalling
 varistor surge arrester in 'Y' connection, for protection of PV systems where the separating spark-over distance is kept or without LPS, maximum continuous operating voltage for PV application: $UCPV \geq 1.2 \times UOC\ STC$



Dimension drawing



Basic circuit diagram



Technical specifications

Type of SPD		PV T2
Maximum operating voltage mode 1/3, 2/3	U_{CPV}	1 020,00 V DC
Nominal discharge current (8/20 μs)	I_n	15,00 kA
Maximum discharge current (8/20 μs)	I_{max}	40,00 kA
Voltage protection level mode 1/2	U_p	4,00 kV
Voltage protection level mode 1/3, 2/3	U_p	4,00 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
Remote indication		potential-free change-over contact
Remote indication contacts		250V/0,5A AC, 250V/0,1A DC
Cross-section of remote indication conductors		1,5 mm ²
Degree of protection		IP 20
Range of ambient temperatures - min		-40 °C
Range of ambient temperatures - max		80 °C
Mounting		DIN rail 35 mm
According to standard		EN 50539-11:2013
Plug module		SLP-PV500Y V/O
ETIM Class		EC000941
Customs tariff number		85363030
EAN		8595090536710