SLP-PV500 V/U S

SPD - for DC and PV / SPD PV type 2 / MOV

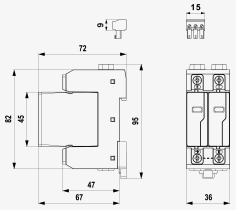
Surge arrester for PV systems (both poles)

pluggable module, visual fault signalling, module locking, remote fault signalling

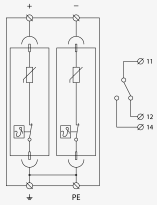
- varistor surge arrester in 'U' connection
- for protection of PV systems where the separating spark-over distance is kept or without LPS
- maximum continuous operating voltage for PV application: UCPV ≥ 1.2x UOC STC



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		PV T2
Mounting		DIN rail 35 mm
Maximum operating voltage mode +/PE, -/PE	U_{CPV}	510.00 V DC
Short-circuit current rating	I_{SCPV}	10 000 A DC
Residual current mode +/PE, -/PE	I_{PE}	0.190 mA AC
Residual current mode +/PE, -/PE	I_{PE}	0.005 mA DC
Total discharge current (8/20 µs)	$I_{Total(8/20)}$	80.00 kA
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 +/-	U_p	4.00 kV
Voltage protection level mode +/PE, -/PE	U_p	2.00 kV
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

Cross-section of remote indication conductors solid (max)	1.5 mm^2
Cross-section of remote indication conductors stranded (max)	1.5 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
Degree of protection	IP 20
Range of ambient temperatures (min/max)	-40 / 80 °C
According to standard	EN 61643-31, IEC 61643-31
ETIM Class	EC000941
Plug module	SLP-PV500U V/0
Customs tariff number	85363030
EAN	8595090536659
Order number	A03665