SLP-PV500 V/U

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

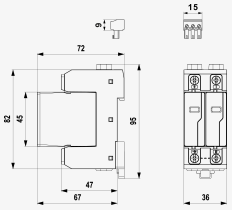
Surge arrester for PV systems (both poles)

pluggable module, visual fault signalling, module locking

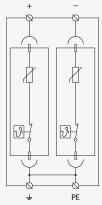
- varistor surge arrester in 'U' connection
- for protection of PV systems where the separating spark-over distance is kept or without LPS
- maximum continuous operating voltage for PV application: UCPV ≥ 1.2x UOC STC



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
Fault indication		red indication field

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	**8595090536642**
Order number	**A03664**