

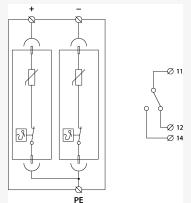
SLP-PV170 V/U S

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: $UCPV \geq 1.2 \times UOC\ STC$

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	$UCPV$
	170.00 V DC
Short-circuit current rating	I_{SCPV}
	10 000 A DC
Residual current mode +/PE, -/PE	I_{PE}
	0.280 mA AC
Residual current mode +/PE, -/PE	I_{PE}
	0.005 mA DC
Total discharge current (8/20 μ s)	$I_{Total(8/20)}$
	80.00 kA
Nominal discharge current (8/20 μ s)	I_n
	15.00 kA
Maximum discharge current (8/20 μ s)	I_{max}
	40.00 kA
Voltage protection level mode +/-	U_p
	1.20 kV
Voltage protection level mode +/PE, -/PE	U_p
	0.60 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-PV170U V/0
Customs tariff number	85363030
EAN	8595090536635
Order number	A03663

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