

# SLP-PV170 V/U

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

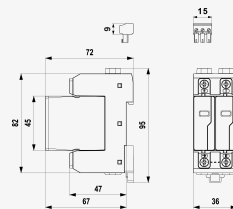
Surge arrester for PV systems (both poles)

pluggable module, visual fault signalling, module locking

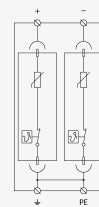
- varistor surge arrester in 'U' connection
- for protection of PV systems where the separating spark-over distance is kept or without LPS
- maximum continuous operating voltage for PV application:  $UCPV \geq 1.2 \times UOC\ STC$



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	$U_{CPV}$	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 $\mu$ s)	$I_{Total(8/20)}$	80.00 kA
Nominal discharge current (8/20 $\mu$ s)	$I_n$	15.00 kA
Maximum discharge current (8/20 $\mu$ 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 <sup>2</sup>
Cross-section of connected conductors solid (max)		35.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (min)		1.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)		25.00 mm <sup>2</sup>
Fault indication		red indication field

Degree of protection	<b>IP 20</b>
Range of ambient temperatures (min/max)	<b>-40 / 80 °C</b>
According to standard	<b>EN 61643-31, IEC 61643-31</b>
ETIM Class	<b>EC000941</b>
Plug module	<b>SLP-PV170U V/0</b>
Customs tariff number	<b>85363030</b>
EAN	<b>8595090536628</b>
Order number	<b>A03662</b>

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