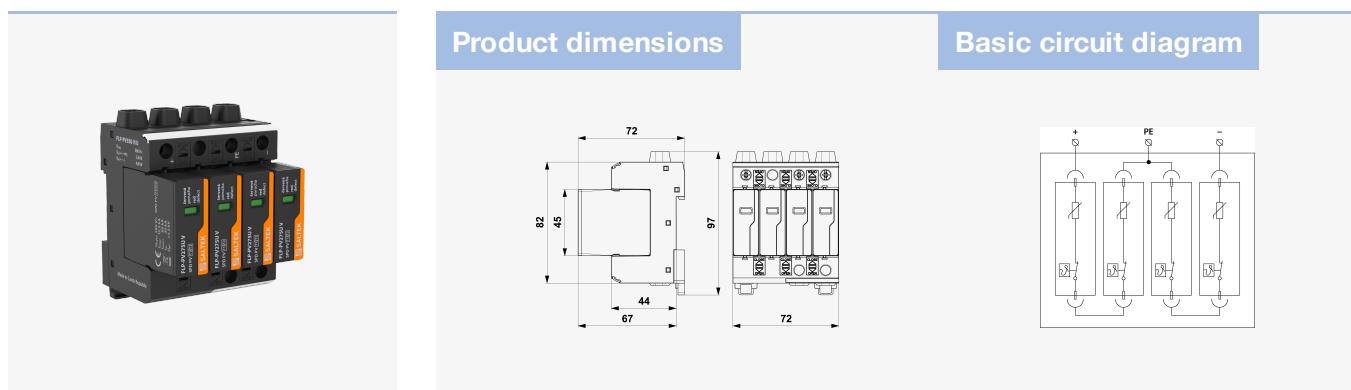


# FLP-PV550 V/U

## SPD - for DC and PV / SPD PV type 1 / MOV

Lightning current arrester and surge arrester for PV systems  
pluggable module, visual fault signalling, module locking

- varistor lightning current arrester and surge arrester in 'U' connection
- for protection of PV systems on the roofs, where the separating spark-over distance is not kept (connection to LPS)
- maximum continuous operating voltage for PV application:  $UCPV \geq 1.2 \times UOC\ STC$



Parameter name	Parameter value
Type of SPD	PV T1, PV T2
Mounting	DIN rail 35 mm
Maximum operating voltage mode +/PE, -/PE	$UCPV$
Short-circuit current rating	$I_{SCPV}$
Residual current mode +/PE, -/PE	$I_{PE}$
Residual current mode +/PE, -/PE	$I_{PE}$
Total discharge current (10/350 $\mu$ s)	$I_{Total(10/350)}$
Lightning impulse current (10/350 $\mu$ s)	$I_{imp}$
Total discharge current (8/20 $\mu$ s)	$I_{Total(8/20)}$
Nominal discharge current (8/20 $\mu$ s)	$I_n$
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$
Voltage protection level mode +/-	$U_p$
Voltage protection level mode +/PE, -/PE	$U_p$
Response time	$t_a$
Cross-section of connected conductors solid (min)	1.00 mm <sup>2</sup>

Cross-section of connected conductors solid (max)	<b>35.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (min)	<b>1.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (max)	<b>25.00 mm<sup>2</sup></b>
Fault indication	<b>red indication field</b>
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>EC001457</b>
Plug module	<b>FLP-PV275U V/0</b>
Customs tariff number	<b>85363090</b>
EAN	<b>8595090561453</b>
Order number	<b>A06145</b>

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