

# SLP-PV700 V/Y

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

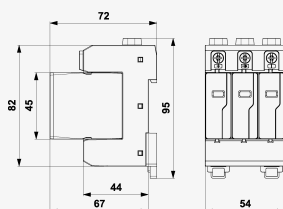
Surge arrester for PV systems (both poles)

pluggable module, visual fault signalling, module locking

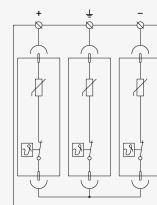
- varistor surge arrester in 'Y' connection
- for protection of PV systems where the separating spark-over distance is kept or without LPS
- maximum continuous operating voltage for PV application:  $UCPV \geq 1.2 \times UOC\ STC$



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	$U_{CPV}$	750.00 V DC
Short-circuit current rating	$I_{SCPV}$	10 000 A DC
Residual current mode +/-PE, -/PE	$I_{PE}$	0.250 mA AC
Residual current mode +/-PE, -/PE	$I_{PE}$	0.005 mA DC
Total discharge current (8/20 $\mu$ s)	$I_{Total(8/20)}$	40.00 kA
Nominal discharge current (8/20 $\mu$ s)	$I_n$	20.00 kA
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	40.00 kA
Voltage protection level mode +/-	$U_p$	3.60 kV
Voltage protection level mode +/-PE, -/PE	$U_p$	3.60 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	IP 20
Range of ambient temperatures (min/max)	-40 / 80 °C
According to standard	EN 61643-31, IEC 61643-31
ETIM Class	EC000941
Customs tariff number	85363030
EAN	8595090543008
Order number	A04300

SALTEK s.r.o., Drážďanská 561/85, 400 07 Ústí nad Labem, CZ | +420 475 655 511 | [info@saltek.cz](mailto:info@saltek.cz) | [www.saltek.eu](http://www.saltek.eu)

Technická podpora: 800 818 818 | [podpora@saltek.cz](mailto:podpora@saltek.cz)

02.06.2026 -  
19:11:32