

FLP-PV1000/YS

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

Lightning current arrester and surge arrester for PV systems
visual fault signalling, remote fault signalling

- varistor lightning current arrester and surge arrester in 'Y' 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: $UCPV \geq 1.2 \times UOC\ STC$

Product dimensions	Basic circuit diagram

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 μ s)	$I_{Total(10/350)}$
Lightning impulse current (10/350 μ s)	I_{imp}
Total discharge current (8/20 μ s)	$I_{Total(8/20)}$
Nominal discharge current (8/20 μ s)	I_n
Maximum discharge current (8/20 μ 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)	4.00 mm^2

Cross-section of connected conductors solid (max)	35.00 mm²
Cross-section of connected conductors stranded (min)	2.50 mm²
Cross-section of connected conductors stranded (max)	25.00 mm²
Cross-section of remote indication conductors solid (max)	1.5 mm²
Cross-section of remote indication conductors stranded (max)	1.5 mm²
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	EC001457
Customs tariff number	85363090
EAN	8595090541981
Order number	A04198

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