

REL-SPD-X Series

Surge Protection Devices (SPD)

Modular Surge Arrester with Remote Connectivity

1/2/3/4 Pole Configurations

for

Power, Security & Safety Systems

IT & Network Systems

Medical Equipment

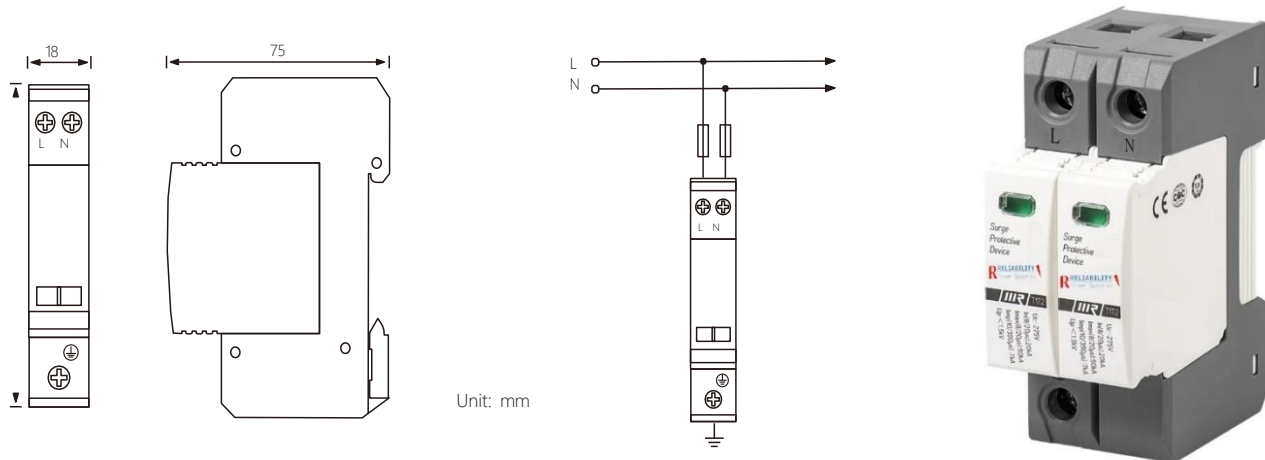
Telecom Systems

Aviation Systems



REL-SPD-2P-25-A

Modular Surge Arrester with Remote Connectivity, 25A, 2 Pole, 275V



Introduction:

RELIABILITY SPD-X Series devices provide Over Voltage and Surge Protection for AC power supplies, Electronic Equipment and Solar System Applications. RELIABILITY SPDs are designed according to IEC standard and are available in various power supply configurations.

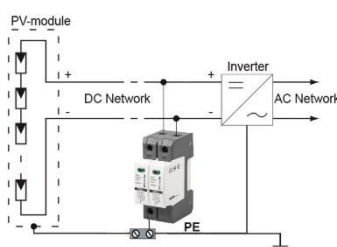
Salient Features

- Series: REL-SPD-X
- Product Name: Surge Protection Device
- Application: Power Distribution
- No. of Poles: 2P
- Remote signaling: Yes
- Signal contacts composition: 1 SD (1 C/O)
- Surge Arrester type: Electrical Distribution Network
 - High Temperature Resistant Plastic with excellent tightness
 - Ease of installation.
 - Temperature Control Technology with built-in over current and thermal protection
 - Trip Indicator
 - Flame-Retardant Frame.
 - Dustproof, and anti-corrosion
 - Long Life Stable Operation

Technical Specifications:

Model:	REL-SPD-2P-25A
Surge arrester classification	EN 61643-11 / IEC 61643-11
Surge arrester technology:	MOV + GDT
Nominal Operating Voltage:	230Vac (+/- 10 %) at 50/60 Hz
Nominal discharge current:	25kA
Max. discharge current (8/20µs)(Imax)	50kA
Impulse current (10/350µs) (Iimp)	7kA L/PE
Max. Continuous operating voltage:	275V L/PE
Residual current:	0.9mA L/PE
Temporary Overvoltage:	440V - 120Min. (Safe Failure) 335V – 120Min (Withstand)
Voltage Protection Level @In (Up)	≤1.5kV
Short-circuit withstand	50kA
Local signaling	Mechanical indicator
Mounting	Clip-on DIN Rail
Response Time	<25ns
Leakage current	<10µA
Dimensions (H x W x D) mm	90x18x75
Product weight	81g
Material	PA6
Standards	EN 61643-11:2012IEC 61643-11
IP degree of protection:	Front face IP40 Built-in IP20 Conforming to IEC 60529
IK degree of protection	Front face IP40 Built-in IP20 Conforming to IEC 60529
Ambient Temperature	-40 to +60°C
Relative Humidity	<95%
Approvals	IEC, UL, KEMA, VDE, CSA, ATEX
Switching capacity (a.c.)	250V – 1.0A
Remote Signaling Contact Type	NO/NC Changeover
Power Cable Size	2.5mm – 25mm
Signal Cable Size	<2.5mm

How to install in PV system



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