

TRAFFIC CONTROL / AC SERVICE

SPD100K - 277



DESCRIPTION

A frequent cause of electrical/electronic equipment failure is AC power line surges. This is especially true in the case of sensitive electronic equipment such as LED lighting systems, CATV systems, traffic controllers, data processing equipment, telecommunication systems, etc. These power line surges can vary from noise-like transients to spectacular lightning induced surges. Therefore, the effect on costly equipment can vary from a slow degradation of performance to catastrophic failure.

The SPD100K solid state arrester has been designed to effectively dissipate high energy surges up to 100kA (8 x 20us). High energy induced surges usually originate on the primary side of the power transformer and are consequently transferred to the secondary. The SPD100K design incorporates UL approved, high energy, thermally fused and protected 50kA large block MOVs. The powerful, parallel-connected SPD100K is available in a variety of electrical configurations. The unit also offers exterior panel LED status indication. The SPD100K comes with a standard 1 year, fully transferable warranty with extended warranty available.

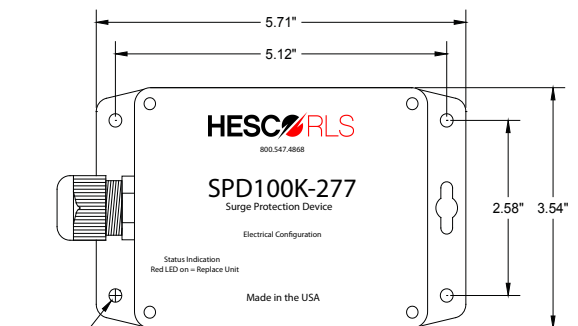
SPECIFICATIONS

Total Peak Surge Current.....	100KA
Operating Voltage.....	120 VAC, Single Phase
Protection Modes.....	120/240 Split Phase
MCOV.....	L-N, L-G, L-L, N-G
SCCR.....	320 VAC
VPR.....	200kA
Temperature.....	600V
Weight.....	30 to 70°C
Dimensions (in.).....	Approx. 1.2 LB
Mounting.....	3.54W x 5.71L x 3.15H
Wire.....	Mounting Feet
Warranty.....	Supply - #10AWG, 24"
	LED Indication - #24AWG, 48"
	1 Year Standard (longer optional)

FEATURES

- Total Solid State Design
- Max Surge Current - 100kA (per phase)
- Visual Indication System
- NEMA 4X Rated Enclosure
- ISO 9001:2008 Quality Mgmt System
- RoHS Compliant

MOUNTING



Unit height is 3.15"

HESCO/RLS
220 Springview Commerce Drive
Unit 190
DeBary, FL 32713
Fax 386.668.2793

Installation Note: Regardless of the electrical configuration, L1 **must be connected** in order for the indication system to operate properly.

For more information and product support call us at...

1-800-547-4868

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