

TRAFFIC CONTROL / AC SERVICE

SPD130K



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 CATV systems, traffic controllers, data processing equipment, telecommunications 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 SPD130K solid state arrester has been designed to effectively dissipate high energy surges up to 130KA (8 x 20us). High energy induced surges usually originate on the primary side of the power transformer and consequently are transferred to the secondary. The SPD130K design incorporates patented, UL approved, high energy, thermally fused MOVs in series with an inductive network. The inductive network is followed-up by a powerful high current transient suppressor. This configuration offers a low VPR of 296 volts. The powerful SPD130K also offers separate LED status indication for each of the three modes of protection.

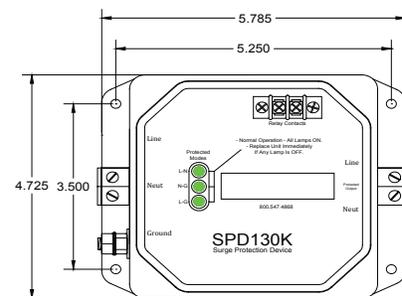
SPECIFICATIONS

Total Peak Surge Current.....	130KA
Operating Voltage.....	120 VAC, RMS
Maximum Continuous Current.....	30 Amps
Protection Modes.....	L-N, L-G, N-G
MCOV.....	150 VAC
Clamp Voltage.....	296 V
UL Voltage Protection Rating (VPR).....	330 V
Temperature.....	-34 to 74°C
Weight.....	Approx. 1.5 LB
Dimensions (in.).....	5.78W x 4.725L x 2.880H
Mounting.....	Mounting Feet

FEATURES

- Total Solid State Design
- 3 Stages of Protection
- Series Configuration
- 130KA Total Peak Surge Current
- Low Clamp Voltage
- LED Status Indication with Remote Sensing
- Flame Retardant Epoxy

MOUNTING



Unit Height is 2.880" to the top of the Relay Contacts Connector

HESCO/RLS

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

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