

## SPD100K Series

### DESCRIPTION

The SPD100K Series is your best option for protecting incoming AC lines in Intelligent Transportation Systems applications. The unit offers 100kA protection and low voltage protection ratings.

This unit also incorporates the use of warning/failure indicators in addition to remote sensing for monitoring by a central computer. If random data base memory loss or any other transient interference is effecting the safe operation of one or more of your intersections, the SPD100K Series surge protector will quickly and effectively eliminate the problem.

### SPECIFICATIONS

Maximum Surge Current Rating.....50kA per Mode / 100kA per Phase  
 UL Type Designation.....Type 1 and 2  
 UL 1449 I-nominal Rating.....20kA  
 UL 1449 Short Circuit Current Rating.....200kA  
 Repetitive Impulse.....10,000 hits per mode  
 Response Time.....<1 ns  
 Humidity Range.....0-95% non-condensing  
 Operating Frequency.....0-600 Hz  
 Operating Temperature.....-25°C to 85°C  
 Typical Connection.....#12 AWG (pre-wired) 30 A Breaker  
 Remote Monitoring.....Form C Dry Contact, 240V, 5A

### ORDERING INFORMATION

HESCO/RLS PN	System Voltage	L-N	L-G	N-G	L-L	SCCR	MCOV
SPD100K-120-1P	120V Single 1Ø	700	700	700	—	200kA	150
SPD100K-120-2S	240/120 Split Ø	700	700	700	1200	200kA	150

#### HESCO/RLS

220 Springview Commerce Drive  
 Unit 190  
 DeBary, FL 32713

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

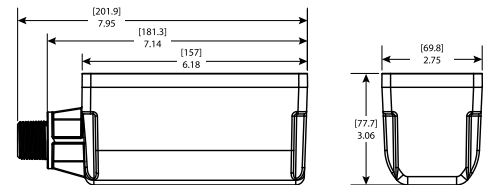
1-800-547-4868



### FEATURES

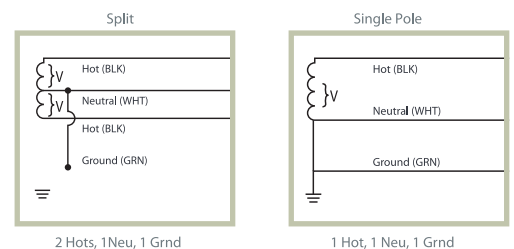
- 50kA per Mode / 100kA per Phase
- UL 1449 Listed
- Stacked MOV Design
- Low Voltage Protection Ratings
- 20kA I-nominal Rating
- 200kA SCCR
- Remote Monitoring
- Audible Alarm
- Standard 10 Year Warranty

### DIMENSIONS (mm)



Polycarbonate NEMA 4X

### WIRING CONFIGURATIONS



2 Hots, 1Neu, 1 Grnd

1 Hot, 1 Neu, 1 Grnd