



Traffic Signaling Products

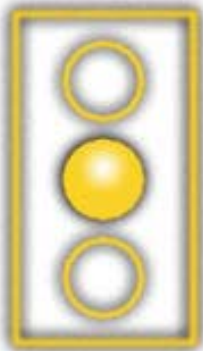
SPA-60B Series 120VAC Interconnect Signal

The **SPA-60B** is an economical method of protecting circuitry associated with 120VAC interconnect signal lines commonly used in traffic control systems. In the presence of normal interconnect line voltage and frequency (60Hz), the **SPA-60B** possesses the ideal characteristics of high impedance across the protector and no impedance in series with the line. In the presence of transients, the protector appears as very low impedance, thereby shunting the surge to ground.

The product is offered in four variations. The **SPA-60BL** protects one circuit and is furnished with two leads. The **SPA-60BL-2** is identical except it protects two circuits and is furnished with three leads.

The **SPA-60BS** protects one circuit and consists of one lead and a stud (also used for mounting). The **SPA-60BS-2** is identical except it protects two circuits and consists of two leads and a stud. Refer to ORDERING INFORMATION below

Keeping
You
Connected!



NEED HELP? Call 1-800-648-4076

1805 N.E. 19th Avenue
P.O. Box 1778
Ocala, Florida 34478

(352) 732-3029

FAX (352) 867-1237

Sales: 1-800-648-4076

E-mail us at:
edco@edcosurge.com

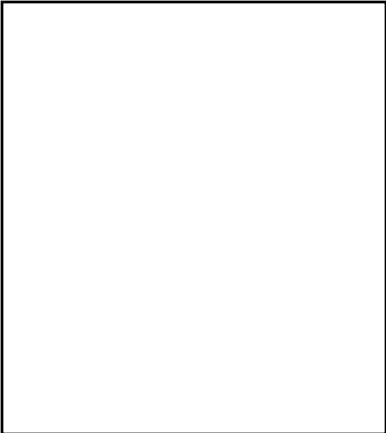
Internet:
<http://www.edcosurge.com>



SPECIFICATIONS

| | |
|---|------------------------------|
| Peak Surge Trip Point: | |
| 600 Volts/Microsecond Impulse | < 890 volts nominal |
| 3000 Volts/Microsecond Impulse | < 950 volts nominal |
| Surge Response Time | < 200 nanoseconds at 10kV/μs |
| Surge Handling Ability: | |
| Peak Current (single pulse, 8x20μs) | 20,000 amps per circuit |
| Occurrences @ 10kA | 25 times minimum |
| Discharge Voltage | < 200 volts @ 1000 amps |
| Insulation Resistance | >100 megohms |
| Operating Line Voltage | 120VAC, RMS single phase |
| Absolute Maximum Operating Line Current | 1 ampere |
| Temperature Range | -40°C to +85°C |
| Size: | |
| BL Types | 1.50 in. x .5 in. x .8in. |
| BS Types | 1.05" square |
| Weight | 2 oz. |
| Mounting Studs | No. 10:32 x 3/8 in. S.S. |
| Leads | 12 in., #14 AWG |

NOTE: This product is intended for use on 120VAC interconnect lines. Do not use on AC service or power lines.



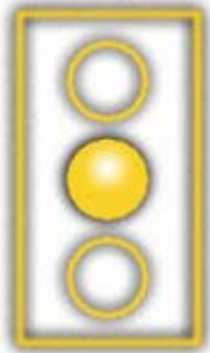
Traffic Signaling Products

SPA-60B Series 120VAC Interconnect Signal

| FEATURES |
|--|
| • Reduces Costly Damage to Equipment |
| • Clamps Over Voltage Surges caused by Lightning or Switching Transients |
| • Responds in Nanoseconds |
| • Automatic Recovery |
| • Very Economical |
| • Ideal for 120VAC Interconnect |
| • Handles Repeated Surges |

| INSTALLATION |
|--|
| Stud Mounting Unit: Connect black lead to interconnect signal line near entry point into cabinet. Shorten lead as much as possible. Bolt unit to clean metal surface bonded to power/earth ground (cabinet in most cases). |
| Lead Supported Unit: Shorten leads. Connect between the interconnect signal line and power/earth ground. |

Keeping
You
Connected!



**NEED HELP?
Call 1-800-648-4076**

1805 N.E. 19th Avenue
P.O. Box 1778
Ocala, Florida 34478
(352) 732-3029
FAX (352) 867-1237
Sales: 1-800-648-4076
E-mail us at:
edco@edcosurge.com
Internet:
<http://www.edcosurge.com>



ORDERING INFORMATION

