



# SURGE PROTECTION

## Are your customers protected?

The 5-2-1 Compressor Saver introduces the SPD60 and SPD150 surge protection devices that incorporate the latest in protection technology and ease of installation. These devices are designed to protect your equipment by suppressing the harmful energy produced by lightning strikes and other power line transients commonly found in HVAC installations. The voltage surges or spikes can be very damaging to HVAC equipment, shortening the life of the compressor and reducing its efficiency.

### Protection For:

- Entire HVAC unit
- Furnaces
- Heat pumps
- Motors
- Refrigeration systems
- Electro-mechanical devices

CONNECTED EQUIPMENT WARRANTY

**UP TO \$10,000** ▶

### Features:

- TUV certified to UL-1449 4<sup>th</sup> edition
- Two Diagnostic Lights: **Green** LED indicates surge protection is present **Red** LED indicates the device has power
- Device built with Patented MOV protection parts
- Response time of < 5 nanoseconds
- Easy installation at the electrical panel or A/C disconnect
- IP67 rated type 4X enclosure
- 3 year product warranty
- 3 year connected equipment warranty

### Contractor Benefits:

- Promote additional profits
- Protect your customer's equipment
- Marketing materials available **FREE** of charge





# PROTECT THE HEART OF YOUR AIR CONDITIONER

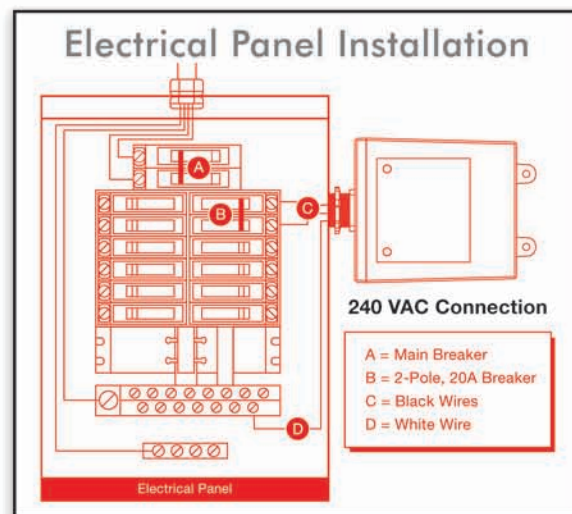
## Installation instructions

All SPD150 / SPD60 protection devices include two black wires and one white Grounded / Neutral wire. The recommended place of installation is at the electrical panel servicing the load. Since surge protectors work by forcing the voltage spikes to ground, it is imperative that proper grounding be provided as required by local electrical codes.

For 240 VAC installations, connect BLACK lead to L1 and the other to L2 and WHITE wire to the GROUND BUS BAR or GROUNDED NEUTRAL BUS BAR.

For 120 VAC installations, connect one BLACK wire to the HOT lead, the other BLACK wire to the NEUTRAL leg and the WHITE wire to the GROUND BUS.

Connection may also be made to the neutral / ground bus bar if no separate ground bus bar is provided.



All conductor lengths should be as short as possible and bends should not be sharp; a 4" bend radius or wider is recommended. DO NOT LOOP OR COIL WIRES.

The SPD150 / SPD60 surge protectors can be installed by removing a knockout from the disconnect or the panel box, inserting the nipple end and the wires of the surge protector through the exposed hole and tightening the retaining ring nut. These devices can also be installed using the tabs at the top of the housing and sheet metal screws.

### Note:

1. These are TYPE 2 devices intended to be connected to the load side of the service panel. TYPE 2 devices are designed to be installed with over-current protection.
2. Suitable for use on a circuit capable of delivering no more than 20,000 rms symmetrical amperes.

