**Model J130S Solid State Station Protector**

Bourns® J130S modules provide protection from each line (stud) to ground with lower voltage clamping levels than ever before achieved. Clamping occurs within nanoseconds. This ensures lower equipment failure rates, higher systems reliability and longer life of connected equipment.

### Characteristics

**Voltage Limiting (-40 °C to +65 °C)**
- 60 Hz Breakover Voltage: 270 V Typ., 400 V max.
- 100 V/µs Breakover Voltage: 270 V Typ., 400 V max.

**Impulse Reset (-40 °C to +65 °C)**
- 52 Vdc, 260 mA; Initiation: 25 A, 10/1000 µs: 20 ms
- 135 Vdc, 200 mA; Initiation: 25 A, 10/1000 µs: 20 ms

**Leakage Current (25 °C)**
- 1 µA @ 250 V

**Off-state Capacitance @ 1 MHz, 1 Vrms, 0 Vdc Bias (-40 °C to +65 °C)**
- 200 pF max.

**Surge Capability, L-G, (-20 °C to +65 °C)**
- 10/1000 µs Current Pulse: ±150 A min.
- 8/20 ms Current Pulse (Fail Short): 20 kA
- 60 Hz, 1 second burst (without failure): 10 A

**Failsafe, Power Cross & Sustained 60 Hz Current Capability @ 1000 Vrms open-circuit voltage**
- 30 Arms each line simultaneously to ground: 15 minutes, min.
- 60 Arms one line to ground: 3 seconds
- 120 Arms one line to ground: 0.6 seconds
- 350 Arms one line to ground: 0.04 seconds

**Operating Temperature**
- -55 to +85 °C
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Product Dimensions

2380-27-01

2372-02 Ground Mounting Stud (order separately)

REV. H 01/13
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.