




Features

-  Listed per UL 497 (File: E53117)
- Quick response
- Industry standard footprint



Model 2380-27-01 (J130S) is obsolete and not recommended for new designs. Model **2378-35-HS (155HS)** is the recommended alternative.

Model J130S Solid State Station Protector

Bourns® J130-type Solid State Station Protectors are designed to provide primary protection against lightning surges, power-cross conditions and ground potential rises on conductors serving customer premises. Protectors are UL Listed in accordance with UL Standard 497.

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

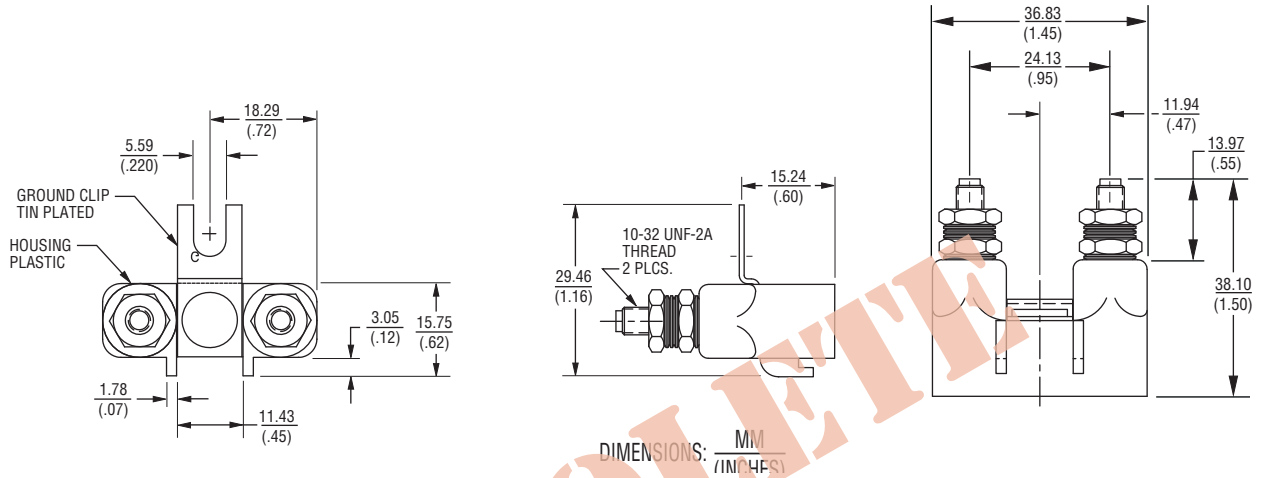
Voltage Limiting (-40 °C to +65 °C)	
60 Hz Breakover Voltage	270 V Typ., 400 V max.
100 V/μs Breakover Voltage	270 V Typ., 400 V max.
Impulse Reset (-40 °C to +65 °C)	
52 Vdc, 260 mA; Initiation: 25 A, 10/1000 μs	20 ms
135 Vdc, 200 mA; Initiation: 25 A, 10/1000 μs	20 ms
Leakage Current (25 °C)	1 μA @ 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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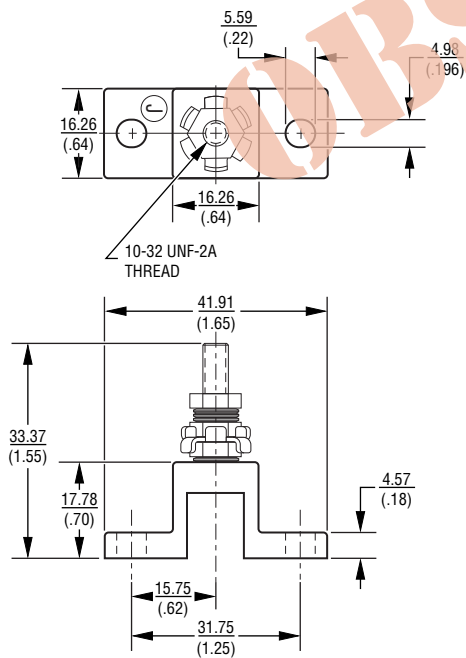
BOURNS®

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.