

**42120-1**

# Type 2: Panel Mount Surge Protection



### Brand Features

Leviton's Surge Protection Devices can be used individually or as part of a coordinated application strategy, to protect sensitive electronic equipment, in industrial, commercial and residential locations, from the stress and degradation inflicted by voltage transients. Leviton Surge Protection Devices are compliant with UL 1449 Standards. Leviton's outstanding Surge Protection Devices divert damaging voltage transients, or surges, away from electronic equipment. Transients are diverted away from sensitive micro circuitry, providing protection against catastrophic failure, costly downtime and data disruptions.

### Item Description

120/240V Single Phase, Surge Panel, Enhanced Noise Filtering, NEMA 3R Enclosure, UL 1449 3rd Edition Type 2

### Technical Information

#### Electrical Specifications

**Voltage Configuration:** 120/240V Single Phase

**Surge Technology:** 40mm MOV Design

**Frequency:** 50/60Hz

**Recommended Circuit Breaker Rating:** 20A, 120/240V

**EMI/RFI Noise Rejection:** (-30 to -40 @ 10K - 10MHz)

#### Performance Data

**MCOV L-N:** 150

**MCOV L-G:** 300

**MCOV N-G:** 150

**MCOV L-L:** 254

**VPR L-N:** 800

**VPR L-G:** 1200

**VPR N-G:** 700

**VPR L-L:** 1000

**Nominal Discharge Current Rating:** 3kA

**Maximum Surge Current, Per Mode (Per Phase):** 80kA (80kA)

**Short Circuit Current Rating:** 100kA

#### Environmental Specifications

**Enclosure Type:** NEMA 3R Steel Enclosure

**Flammability:** Rated V-2 per UL94

**Operating Temperature:** -10C to 60C

**Storage Temperature Range:** -20C to 85C

**Relative Humidity:** 5% to 95% non-condensing

#### Standards and Certifications

**UL1449 3rd Edition:** cULus Listed Type 2

**ANSI/IEEE Category A, B & C:** C-62.41 & 62.45

#### Material Specifications

**Outer Enclosure:** Powder Coated Steel

#### Warranty

**Product Warranty:** Limited Lifetime

#### Mechanical Specifications

**Connection Type:** Parallel - Hardwired via 12 AWG Wire

**Diagnostics:** Real Time Protection status LEDs & Audible Alarm

**Remote Monitoring:** Dry Contact Leads-N.O./N.C. Form C Rated at 7Amps @ 240VAC or 30 VDC

**UPC Code:** 07847784657

**Country of Origin:** Mexico - \*Eligible for ARRA funded projects > \$7,443,000



## SPECIFICATION SUBMITTAL

JOB NAME:		CATALOG NUMBERS:	
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JOB NUMBER:		<input type="text"/>	<input type="text"/>

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