

# **Features**

- Hybrid protection technology
- Extremely low leakage current
- Heavy duty surge protection
- LED indicators
- Compact form factor
- Indoor or outdoor installation

# **Applications**

- Service entrance, branch and OEM panels
- Electrical infrastructures
- Equipment and systems
- Protection from lightning
- Protection from AC power-induced problems

1202 Series – Hardwired AC Hybrid Surge Protective Device (H-SPD)

### **General Information**

The Bourns® Model 1202 Series is a Type 1 hardwired hybrid surge protective device targeted for AC infrastructure applications. The hybrid Model 1202 design combines fast responding MOV technology with low leakage GDT technology resulting in reliable and long-term performance.

### **Additional Information**

Click these links for more information:











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SAMPLES .

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# **Electrical Characteristics**

Characteristic		Model No.	
		1202-120S	1202-240S
Electrical Distribution System (Phase)		120 VAC Single	120 / 240 VAC Single/Split
Nominal (Operating) Voltage		120 VAC	120 / 240 VAC
Maximum Operating Voltage	MCOV	150 VAC	
Temporary Overvoltage Withstand	U <sub>T</sub>	150 VAC	
Nominal Discharge Current in 15 Applications of 8/20 µs Impulse Waveform	In	10 kA	
Overvoltage Protection Rating (3 kA)	V <sub>pr</sub>	1200 VAC	
Short Circuit Current Rating	I <sub>sccr</sub>	25 kA @ 230 VAC	

# **Mechanical Characteristics**

Enclosure	UL 94 5VA rated Polyphenylene/Polystyrene
Environmental Rating	IP 66 / NEMA 4x
Mounting	Bulkhead
Weight	0.5 lbs.
	LED off
Electrical Connection	12 AWG solid wiring leads, 24 inches max. length
Mechanical Connection to Panel	

......Straight nipple with nut for mounting through 1/2-inch Trade Size knockout; 1/2-inch Trade Size knockout is approximately 0.875 inch

### **Environmental Characteristics**

Operating Temperature	40 °C to +85 °C
Moisture Sensitivity Level	1
ESD Classification (HBM)	

# **Agency Listing**

Agency	Category	Agency File No.
C UL US	UL1449 - 5th Ed.	E313168

# **How To Order**

Series — Ser

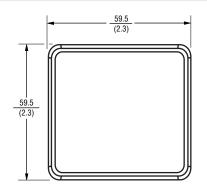
# **Packaging Specifications**

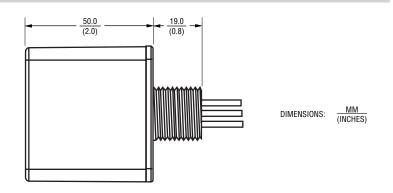
1202 Series ..... one unit per box



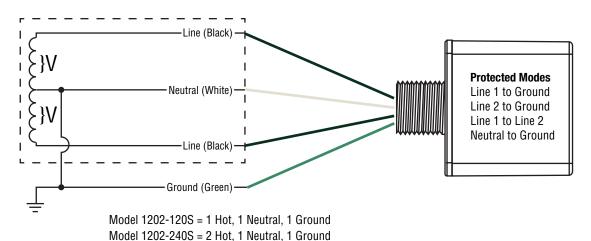
WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

# **Product Dimensions**





# Wiring and Protection Modes



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