



Features

- Type 2 AC Power SPD
- Heavy duty surge protection in all modes
- LED indicators and audible alarm
- EMI/RFI noise filtering
- Indoor or outdoor installation
- UL1449 4th Edition
- RoHS compliant*

Applications

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

1214 Series Heavy Duty AC Surge Protective Device

General Information

The Bourns® Model 1214 Series heavy duty Surge Protective Device is targeted for AC infrastructure applications. The Model 1214 Series design utilizes high energy thermally protected metal oxide varistor technology with an I_{max} of 100 kA per phase. The Model 1214 Series is ideal for protecting AC infrastructures most at risk from frequent lightning and other electrical transients.

Electrical Characteristics

Characteristic		Model 1214-			
		240S	208Y	277Y	480D
Electrical Distribution System		120/240 VAC Split Phase	120/208 VAC Wye 3 Ph/N+G	277/480 VAC Wye 3 Ph/N+G	480 VAC Delta 3 Ph/+G
Modes Protected		L-N, L-G, N-G, L-L			
Maximum Operating Voltage	MCOV	150 VAC	150 VAC	320 VAC	550 VAC
Maximum Discharge Current	I _{max}	100 kA			
Overvoltage Protection Rating	L-N	800	800	1500	--
	L-G	900	900	1200	1800
	N-G	800	800	1200	--
	L-L	1800	1800	2000	3000
RFI Filtering		-40 dB			
UL Short Circuit Rating	I _{ssc}	200 kA			

Safety Features

Thermal Disconnect..... Internal to each protective component
 Electrical Disconnect..... Internal to each surge protector
 Failure Indicators..... LED, audible alarm and remote signaling
 Type S or Delay

Mechanical Characteristics

Enclosure..... Steel - Nema 4/12
 Environmental Rating..... IP 66 / NEMA 4x
 Operating Temperature..... -40 °C to +85 °C
 Mounting..... Wall mounting (screws not supplied)
 Weight..... 10.6 lbs.
 Indicators..... LED, audible alarm and remote signaling
 Electrical Connection..... Hardwired, 10 gauge wire

Standards Compliance

UL1449 4th Edition, Type 1 E313168

How To Order

12 14 - xxxx

Series _____
 14 = 100 kA Max. Discharge Current
 Nominal Operating Voltage _____
 240S = 120/240 VAC Split Phase
 208Y = 120/208 VAC Wye 3 Ph/N+G
 277Y = 277/480 VAC Wye 3 Ph/N+G
 480D = 480 VAC Delta 3 Ph/+G

Packaging Specifications

..... one unit per box

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Specifications are subject to change without notice.

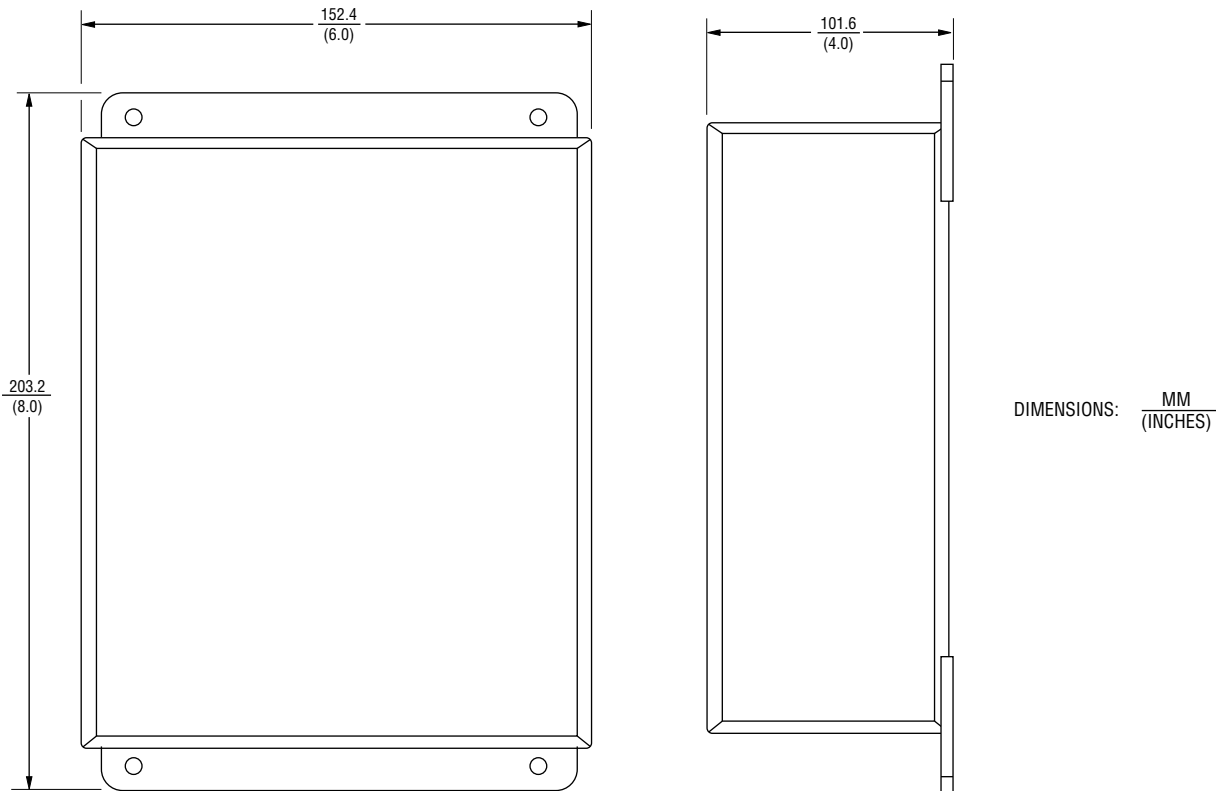
Users should verify actual device performance in their specific applications.

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1214 Series Heavy Duty AC Hybrid Surge Protective Device (H-SPD)

BOURNS®

Product Dimensions



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