

IG1200RC3

Surge Protective Device

The IG1200RC3 Surge Protective Device is designed for a variety of Type 1 and Type 2 applications. Type 1 applications include outdoor installations before service entrances and utility meter cabinets. Type 2 applications include installations after service entrances. CSA certified to ANSI/UL 1449 3rd edition, the IG1200RC3 is approved for residential/light commercial services (AC power).

Features

- Green LED indicates surge protection status
- ON LED indicates device is energized and providing protection
- OFF LED indicates device may still be energized but protection is diminished and the unit should be replaced

Ratings

Modes of Surge Protection:	L1-N, L2-N, L1-L2
Enclosure:	Type 3R rainproof enclosure for indoor/outdoor installations 9.38" H x 5.25" W x 4.0" D (23.83cm x 13.34cm x 10.16cm)
Surge Technology:	TPMOV®
Wire Configuration:	L1, L2, N/G
Warranty:	Limited 3-year product warranty \$7,500 connected equipment warranty for 3 years on appliances and electronics

CSA certified to UL 1449 3rd Edition

Model Number	Service Voltage	Phase	Leads/Length	Gauge	Nominal Discharge Current	SCCR	MCOV	VPR L-N, L-L, L-G, N-G
SPD Type 1 or 2								
IG1200RC3	120-240 VAC, 50/60 Hz	1	3/30"	12	20 kA	50 kA	150 L-N/G, 300 L-L	700 L-N/G, 1200 L-L

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____



Specification

The Surge Protective Device shall be certified by CSA to ANSI/UL 1449 3rd Edition for SPD Type 1 and Type 2 locations. Surge Protective Device shall provide protection between each phase conductor, neutral and ground. The Maximum Continuous Operating Voltage (MCOV) is a minimum of 150 Volts AC. The Voltage Protection Rating (VPR) for Surge Protective Device has a maximum rating of 700 Volts Line to Neutral/Ground and 1200 Volts Line to Line when subjected to the ANSI/UL 1449 3rd Edition VPR and Nominal current testing (In). This Surge Protection Device employs MOV technology and provides individual component thermal protection and monitoring, utilizing a green LED status indicator. The failure of a single component turns the LED OFF. The IG1200RC3 rainproof enclosure shall be constructed of UV resistant polycarbonate, or material of equal strength and UV resistance, and tested to UL Type 3R standards for outdoor use. A one half inch polycarbonate threaded nipple and metal locknut shall be provided. Leads shall be 12 gauge minimum and 30 inches in length. The Surge Protective Device shall carry a 3-year product warranty and also carry a \$7,500 connected equipment coverage warranty for three years on appliances and electronics.

Diagrams

IG1200RC3

