

X2120-C



Type 2 Surge Protective Device, 120/240 VAC, Split Phase

X Series Type 2 Surge Panel, 120/240 VAC, Split Phase, Max Surge Current Rating of 200kA per Mode/400kA per Phase, 200kA Short Circuit Current Rating (SCCR), 20kA I-nominal (I_n) Rating, NEMA 4 Rated Enclosure, Thermally Protected MOVs, VPR Performance Data = L-N: 600, L-G: 700, N-G: 600, L-L: 900, Maximum Continuous Operating Voltage (MCOV): 175, Plastic Enclosure, LED Status Monitoring, Audible Alarm, Surge/TOV Counter with Time & Date Stamp, UL 1449 Listed, UL 1283 EMI /RFI Filtering, Approximate Lead Length = 20"

UPC Code : 078477000281

Country Of Origin : United States

- Leviton surge protective devices (SPDs) divert damaging voltage transients, or surges, away from electronic equipment
- With high levels of protection and advanced features including surge counters and performance monitoring, the X Series are DESIGNED TO PROVIDE THE GREATEST LEVEL OF PROTECTION FOR HOMES OR FACILITIES where surge damage would lead to excessive loss or downtime on expensive machinery
- X Series Advanced TOV/Surge Counter logs event history, statistics, voltage & configuration, rating information, and more

Code Compliant – in 2020, Article 230.67 of the National Electrical Code® (NEC) updates required all services supplying dwelling units to be provided with a surge protective device (SPD), as an integral part of equipment or located immediately adjacent. **The SPD must be a Type 1 or Type 2 SPD.** The 2023 code expanded the requirements to dormitory units, guest rooms and guest suites of hotels and motels, and areas of nursing homes and limited-care facilities used exclusively as patient sleeping rooms

Technical Information

Electrical Specifications

Frequency : 0-60Hz

MCOV : 175V

Maximum Surge Current, Per Mode (Per Phase) : 200kA, (400kA)

Recommended Circuit Breaker Rating : 20A

Short Circuit Current Rating : 200kA

Surge Technology : Thermally Protected MOVs

Type : 2

Voltage Configuration : 120 /240 VAC/CA Split Phase

Enclosure

Color : White

Connector : 3/4"-NPT Side Conduit Fitting

Dimensions : 9.47" x 8.14" x 3.25"

Enclosure Material : Extruded Al

Mount : Surface

NEMA Rating : NEMA 4

Enclosure Specifications

Color : White

Connector : 3/4"-NPT Side
Conduit Fitting

Dimensions : 9.47" x 8.14" x
3.25"

Enclosure Material : Extruded
Al

Mount : Surface

NEMA Rating : NEMA 4

Environmental Specifications

Humidity Range : 0 to 95%
Non-Condensing

Storage Temperature : -31°F
to 167°F (-35°C to 75°C)

Performance Data

**Nominal Discharge Current
Rating** : 20kA

Protection Modes : All Modes
of Protection (L-N, L-G, N-G, L-
L)

Remote Monitoring : Form C
Dry Contacts, 240V, 2A

VPR L-G : 700.0

VPR L-L : 900.0

VPR L-N : 700.0

VPR N-G : 600.0

Product Features

**Diagnostic and Status
Monitoring** : LED Protection
Status Monitoring and Audible
Alarm

Disconnect Switch : No

Filtering : Yes

Replaceable Modules : No

Series : X Series

Surge Counter : Surge and
TOV Counter

Standards, Certifications & Compliance

ANSI/IEEE : C-62.41.1-2002, C-
62.41.2-2002 C-62.45-2002

CSA : CSA C22.2 No. 269.1-
17, 2017-02

California Prop 65 : Compliant

RoHS : Compliant

UL : 1449 5th Edition: 2021,
cULus

Warranty

Warranty : 10-Year Limited

Patents*

N_A

This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.

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