

## Surge Protection Device - Surge Protective Device, 4-Mode, 440/480 VAC 3Ph High Leg Delta, Type 2, EMI/RFI Filter, Audible Alarm, Form C Contact, Surge Current Rating 100kA

Item L10F23N4DG2



### PRODUCT DESCRIPTION

Intermatic PANELGUARD® Surge Protective Devices are designed to react quickly and eliminate surges providing optimal protection to downstream equipment. PANELGUARD Industrial/Commercial-grade series are Parallel Connected Surge Protective Devices designed to protect all types of loads fed from individual disconnects, sub-panels, distribution panels and service entrance locations.

### FEATURES

- ▶ Type 2 surge protection
- ▶ Optional audible alarm and dry relay contacts
- ▶ 4 Modes of protection
- ▶ NEMA 4X enclosure for indoor or outdoor installation
- ▶ Individually integrated disconnect TPMOV surge protection technology
- ▶ Optional advanced electrical noise filter (UL 1283)
- ▶ Blue LED protection status indicator, and red LED service indicator

### APPLICATIONS

- ▶ Distribution Panel
- ▶ Service Entrance

### TECHNICAL DATA

| General                        |  |
|--------------------------------|--|
| Model Number                   | L10F23N4DG2  |
| Description                    | Surge Protective Device, 4-Mode, 440/480 VAC 3Ph High Leg Delta, Type 2, EMI/RFI Filter, Audible Alarm, Form C Contact, Surge Current Rating 100kA |
| UPC Code                       | 078275151901   |
| Brand                          | Intermatic   |
| Country of Origin (Intermatic) | U.S.A.   |
| Warranty Period                | 5-Year limited   |
| Surge Protection Type          | 2  |

| Electrical Specifications                  |  |
|--|--|
| Modes of Protection                        | 4  |
| Short Circuit Current Rating               | 200 kA   |
| Nominal Discharge Current                  | 20 kA  |
| Maximum Surge Current Rating Per Phase     | 100 kA   |
| Maximum Surge Current Rating Per Mode      | 100 kA   |
| Surge Protection Technology                | Individually integrated thermal disconnect technology TPMOV            |
| AC Sinewave Tracking (EMI/RFI) Level       | Sinewave tracking (EMI/RFI) level is up to 54 dB from 2 kHz to 100 MHz |
| Maximum Continuous Operating Voltage (L-G) | 1800   |
| Maximum Continuous Operating Voltage (L-L) | 552  |
| Voltage Protection Rating (L-G)            | 1800   |
| Voltage Protection Rating (L-L)            | 4000   |
| Voltage                                    | 440/480 VAC 3-Phase High Leg Delta                                     |

### Control Specifications

Surge Protection LED Indicator Yes

### Mechanical Specifications

Enclosure Type NEMA Type 4X

### Dimensions

Product Dimensions (H x W x D) in 10.59 x 5.25 x 3.29 in

Wire Lead Length (in) 18"

Wire Size Max #10 AWG

Conduit Size 3/4"

### Material Specifications

Color Gray

Product Weight (kg) 0.27

Product Weight (lbs) 0.6

### Diagnostics Monitoring

Diagnostics Indicator Blue LED Protection Status Indicator; Red LED Service Indicator; Audible Alarm Indicator; Form C Dry Relay Contacts

### Benefits

Filter EMI/RFI Filter

### Packaging

Shipping Weight (lbs) 0.6

Unit Carton Dimensions (H x W x L) in 4.375 x 6.375 x 12.625 in

### Environmental Specifications

Temperature (operation) -40 °F to 176 °F / (-40 °C to 80 °C)

### Standards and Certifications

UL Certification ANSI/UL 1283; ANSI/UL 1449 4th Edition

CSA Certification CSA C22.2 No. 269.2-13, and No. 8-13 (VZCA, VZCA7, FOKY, KOKY7)

Other Certifications and Compatibilities 2020 National Electric Code, Article 242 (previously NEC, Art. 285), 700.10 & 708.20; ANSI/IEEE C62.72-2016, ANSI/IEEE C62.41.1, C62.41.2-2002; C62.45-2002, ANSI/IEEE C62.62-2010 environments: Categories: A, B & C

California Proposition 65 Lead

RoHS Certification Yes

## DRAWINGS AND DIAGRAMS

