Surge Protection Device - Surge Protective Device, 4-Mode, 277/480 VAC 3Ph Y, Type 1, Audible Alarm, Form C Contact, Surge Current Rating 50kA

Item L5F13Y2DG2

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 1 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
► Blue LED protection status indicator, and red LED service indicator
► UL Listed to ANSI/UL 1449 5th edition

APPLICATIONS

► Distribution Panel
► Service Entrance

TECHNICAL DATA

General

Model Number	L5F13Y2DG2
Description	Surge Protective Device, 4-Mode, 277/480 VAC 3Ph Y, Type 1, Audible Alarm, Form C Contact, Surge Current Rating 50kA
UPC Code	078275151789
Brand	Intermatic
Country of Origin (Intermatic)	U.S.A.
Warranty Period	5-Year limited

Electrical Specifications

Modes of Protection	4
Short Circuit Current Rating	200 kA
Nominal Discharge Current	20 kA
Maximum Surge Current Rating Per Phase	50 kA
Maximum Surge Current Rating Per Mode	50 kA
Surge Protection Technology	Individually integrated thermal disconnect technology TPMOV
Maximum Continuous Operating Voltage (L-G)	320
Maximum Continuous Operating Voltage (L-L)	640
Maximum Continuous Operating Voltage (L-N)	320
Maximum Continuous Operating Voltage (N-G)	320
Voltage Protection Rating (L-G)	2500
Voltage Protection Rating (L-L)	2500
Voltage Protection Rating (L-N)	1200
Voltage Protection Rating (N-G)	1200
Voltage	277/480 VAC 3-Phase Wye

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Control Specifications

Surge Protection Type	1
Surge Protection LED Indicator	Yes

Mechanical Specifications

Enclosure Type	NEMA Type 4X

Dimensions

Product Dimensions (H x W x D) in	6.46 x 4.81 x 3.54 in
Wire Lead Length (in)	18"
Wire Size Max	#10 AWG
Conduit Size	3/4"

Material Specifications

Color	Gray

Diagnostics Monitoring

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

Benefits

Filter	No Filter

Packaging

Shipping Weight (lbs)	0.5
Unit Carton Dimensions (H x W x L) in	5.375 x 5.375 x 8.625 in
Product Weight (kg)	0.23
Product Weight (lbs)	0.5

Environmental Specifications

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

Standards and Certifications

UL Certification	UL
CSA Certification	CSA C22.2 No. 269.1-14 (VZCA, VZCA7)
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
UL Standard	Ansi/UL 1449 4th Edition
California Proposition 65	Lead
RoHS Certification	Yes

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DRAWINGS AND DIAGRAMS