

## Surge Protection Device - Surge Protective Device, 7-Mode, 347/600 VAC 3Ph Y, Type 1, Surge Current Rating 200kA

Item H20S13Y3DG1



### 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
- 7 Modes of protection
- NFPA 780, UL 96A Lightning system protection compliant
- NEMA 4X enclosure for indoor or outdoor installation
- Individually integrated disconnect TPMOV surge protection technology
- Blue LED status indicator per phase, red LED service indicator
- UL Listed to ANSI/UL 1449 5th Edition

### APPLICATIONS

- Distribution Panel
- Service Entrance

### TECHNICAL DATA

#### General

Model Number	H20S13Y3DG1
Description	Surge Protective Device, 7-Mode, 347/600 VAC 3Ph Y, Type 1, Surge Current Rating 200kA
UPC Code	078275152311
Brand	Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	10-Year limited

#### Electrical Specifications

Modes of Protection	7
Short Circuit Current Rating	200 kA
Nominal Discharge Current	20 kA
Maximum Surge Current Rating Per Phase	200 kA
Maximum Surge Current Rating Per Mode	100 kA
Surge Protection Technology	Individually integrated thermal disconnect technology TPMOV
Maximum Continuous Operating Voltage (L-G)	400
Maximum Continuous Operating Voltage (L-L)	800
Maximum Continuous Operating Voltage (L-N)	400
Maximum Continuous Operating Voltage (N-G)	400
Voltage Protection Rating (L-G)	1500
Voltage Protection Rating (L-L)	3000
Voltage Protection Rating (L-N)	1500
Voltage Protection Rating (N-G)	1500
Voltage	347/600 VAC 3-Phase Wye

**Control Specifications**

Surge Protection Type	1
Surge Protection LED Indicator	Yes

**Mechanical Specifications**

Enclosure Type	NEMA Type 4X
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**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
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**Diagnostics Monitoring**

Diagnostics Indicator	Blue LED Status Indicator Per Phase; Red LED Service Indicator
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**Packaging**

Shipping Weight (lbs)	0.6
Product Weight (kg)	0.27
Unit Carton Dimensions (H x W x L) in	4.375 x 6.375 x 12.625 in
Product Weight (lbs)	0.6

**Environmental Specifications**

Temperature (operation)	-40 °F to 176 °F / (-40 °C to 80 °C)
Filter	No Filter

**Standards and Certifications**

UL Certification	cULus
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; NFPA 780 & UL 96A Lightning protection systems; Green Energy
UL Standard	ANSI/UL 1449 5th Edition
California Proposition 65	Lead
RoHS Certification	Y