Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MT-SRG-T2SP-BP-3PH-160KA-380Y.220-N1

160kA Surge Protective Device - 220/380V Wye 3PH, 50/60Hz - Panel Mount - Type 2 SPD - NEMA 1

Product ID: 339977

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MT-SRG-T2SP-BP-3PH-160KA-380Y.220-N1

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-SRG-T2SP-BP-3PH-160KA-380Y.220-N1 Industrial Surge Protective Device

SPD Specs

Listing: United States & Canada
Dimensions: 5.00"W × 8.25"H × 3.00"D
Weight: TBD
Voltage: 220/380V AC, Wye
Phase: 3PH
Frequency: 50/60Hz
Max. Surge Current per Phase: 160kA
Configuration: 3Ø, 4-Wire Wye + Ground
Protection Modes: L-N, L-G, N-G, L-L
Diagnostics Indicators: Green Status LEDs
Internal Protection: Thermal Disconnect & Overcurrent Protection
Max. Operating Temperature: -40ºF to 140ºF (-4ºC to 60ºC)
Materials: Powder-Coated Steel
Mount: Panel Mounted
Terminal Accommodation: #10 AWG Wire Leads

Ratings

NEMA 1
Type 2 SPD
UL 1449
CSA C22.2 NO. 8

Electrical Specs

Voltage Protection Rating (L-N): -
Voltage Protection Rating (L-G): -

Special Orders - Special Requirements

Contact us for special requirements

Voltage Protection Rating (L-L): -
SCCR: 200kA
MCOV: 320V (L-N), 550V (L-L)
In: 20kA

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The Larson Electronics MT-SRG-T2SP-BP-3PH-160KA-380Y.220-N1 Surge Protective Device provides reliable surge protection for electrical distribution systems and sensitive equipment in commercial and industrial applications. This Type 2 SPD is compatible with three-phase 220/380V AC Wye, 50/60Hz electrical systems and is rated at 160kA maximum surge current per phase. The NEMA 1 rated device is constructed of powder-coated steel and is designed for convenient panel-mounted installation.

The MT-SRG-T2SP-BP-3PH-160KA-380Y.220-N1 protects critical electrical equipment from transient overvoltage events caused by lightning strikes, switching operations, and other electrical disturbances. This surge protective device operates on three-phase 220/380V AC Wye, 50/60Hz systems with a 3-phase, 4-wire Wye plus Ground configuration. The unit supports 160kA maximum surge current per phase with a 20kA nominal discharge current (In) and provides comprehensive protection in all operating modes, including Line-to-Neutral (L-N), Line-to-Ground (L-G), Neutral-to-Ground (N-G), and Line-to-Line (L-L). Front-mounted green LED status indicators provide visual confirmation of operational status, while integrated thermal protection and internal overcurrent protection automatically disconnect failed suppression components to ensure safe operation.

The industrial SPD is housed in a durable powder-coated steel enclosure. The NEMA 1 enclosure is intended for indoor applications and protects internal components from accidental contact and falling dirt. As a Type 2 Surge Protective Device, the unit is designed for installation on the load side of the main service disconnect or branch distribution panel, providing effective surge suppression throughout the electrical distribution system.

Wiring: This surge protective device is equipped with wire lead connections for straightforward integration into electrical distribution panels. Wiring enters the enclosure through the provided conduit opening and is terminated in accordance with applicable electrical codes and installation requirements.

Mount: The MT-SRG-T2SP-BP-3PH-160KA-380Y.220-N1 is designed for panel-mounted installations. Mounting holes are provided on the enclosure to allow secure attachment inside electrical panels or adjacent to distribution equipment.

Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

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