Larson Electronics LLC
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MT-SRG-T2SP-BP-3PH-100KA-480Y.277-N4X

100kA Surge Protective Device - 480Y/277 3PH Wye-N, 50/60Hz - Wire Leads - Type 2 SPD - N4X

Product ID: 235493

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



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-100KA-480Y.277-N4X Industrial Surge Protective Device

SPD Specs

Listing: United States & Canada
Dimensions: 9.9"W x 4.8"H x 3.1"D
Weight: 4.78 lbs
Voltage: 480Y/277 AC
Phase: 3PH
Frequency: 50/60Hz
Max. Surge Current per Phase: 100kA
Configuration: Wye 4-wire + G
EMI/RFI: Up to -30dB
Diagnostics Indicators: Green Status LEDs, Dry Contacts (24V AC/DC; 2A Max), Audible Alarm
Max. Operating Temperature: -40ºF to 140ºF (-4ºC to 60ºC)
Materials: Steel
Mount: Surface/Wall via (4) Mounting Holes
Terminal Accommodation: #10 AWG 18.0" Wire Leads

Ratings

NEMA 4X
Type 2 SPD
UL 1449
UL 1283
CSA C22.2 NO. 8-M1986

Electrical Specs

Voltage Protection Rating (L-N): 1200
Voltage Protection Rating (L-G): 2000
Voltage Protection Rating (L-L): 2500

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

SCCR: 200kA

MCOV: 320/640

In: 20kA

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The Larson Electronics MT-SRG-T2SP-BP-3PH-100KA-480Y.277-N4X Surge Protective Device actively protects electrical systems and sensitive equipment in rugged work sites. This Type 2 SPD is compatible with three-phase 480Y/277V AC (Wye-N), 50/60Hz and is rated at 100kA maximum surge current per phase. The NEMA 4X rated device is constructed of steel and can be mounted securely on surfaces or walls.

The MT-SRG-T2SP-BP-3PH-100KA-480Y.277-N4X offers electrical protection for heavy-duty equipment in industrial buildings. This surge protective device operates with three-phase 480Y/277V AC, 50/60Hz. Equipped with a Wye 4-wire + G configuration, the unit caters to 100kA maximum surge current per phase and up to -30dB EMI/RFI. Diagnostics indicators include: green status LEDs, dry contacts and audible alarm (no silence switch). Dry contact leads (24V AC/DC; 2A max) are used to facilitate remote monitoring to a computer interface board or emergency system. Diagnostic LEDs located at the front of the device can be utilized to verify the presence of all phase voltages.

The industrial SPD is constructed of steel. A NEMA 4X rating provides protection against ingress of water, dust/debris, corrosion and external formation of ice. As a Type 2 surge protective device, the unit is designed for installation on the load side of a system`s overcurrent protective device. Alternatively, operators may also install the SPD at the service entrance point (load side).

Wiring: This surge protective device is equipped with terminals, which accommodates #10 AWG 18" wire leads. Wiring is fed through the bottom of the electrical unit, passing through a 3/4" NPT opening.

Mount: The MT-SRG-T2SP-BP-3PH-100KA-480Y.277-N4X is compatible with surface or wall mounting applications. Four mounting holes are provided at the back of the SPD for direct placement over the desired surface during installation.

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)

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Product ID: 235493

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**