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-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1

80 KA Surge Protection Device, 480Y/277 3-Phase 4-Wire Voltage Rating, 50/60 Hz, 300 KA Surge Current, NEMA 4X, Wall Mounted, Stainless Steel, ted

Product ID: 339811

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



Image: MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1

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-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 Surge Protection Device

Unit Type: Surge Protection Device, with Counter
Phase: Three Phase
Frequency: 50/60 Hz
Rated Voltage: 480Y/277V (4W+G)
Voltage Protection Rating: 700V (L-N), 700V (L-G), 700V (N-G), 1000V (L-L)
Per Mode Surge Current Rating: 80 kA
Per Phase Surge Current Rating: 300 kA
Protection Modes: (10) Modes
Surge Counter: Included
Standard Monitoring: LED Indicators, Ground Integrity Monitoring diagnostics, Dry Contacts, Audible alarm with silence switch and test button
Disconnect: Included
Modules: Included, (2)
Knockout: Included, 3/4" Hub Int. Thread
Wire Size: #8 AWG to 1/0
Enclosure Rating: NEMA 4X, Stainless Steel
Ambient Temperature Rating: 60°C
Humidity: 90% RH w/o Dew Condensation
Altitude: Below 3,280.84 Feet

Ratings

NRTL Listed for United States and Canada
UL 1449-4 Listed
UL 1283 Listed
UL 96A Lightning Protection Master Labeling compliant
10 Years Warranty

Special Orders - Special Requirements

Contact us for special requirements

Mount: Wall Mounted or Externally Mounted To Electrical Distribution Equipment
Color: Grey
Dimensions: 12.47"-W x 7.68"-D x 13.5"-H
Weight: 27.5 lbs

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

The MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 is UL 1449-4 and Optional UL 1449 4th Edition surge protective device with a per phase surge current capacity used for mission critical or high profile applications. The MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 provides the "Just in Case" assurance of directly connected L-L MOVs.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*

Surge Protection Device Features: The MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 features operating voltage 480Y/277V, 3-Phase, 4-Wire. Compatible with nominal current of 80 kA, 50/60 Hz. The MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 features a phase surge current of 300 kA. The MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 is UL 1283 Listed incorporating EMI/RFI or Sine Wave tracking filtering designed to condition low energy L-N coupled noise. When installed at the electrical service entrance, it can be used for UL 96A compliance (@ 20 kA I_n). Standard monitoring includes protection status indication LEDs, audible alarm, and dry contacts. Complete protection is intact when the status indicators are illuminated. When protection is lost, the status indicator will extinguish, the red service light will illuminate, and the dry contacts will change state. An optional surge counter is available.

Safety: A new diagnostic feature integrated within the MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 is Ground Integrity Monitoring or (GIM) diagnostic indication circuit. Ground Integrity Monitoring or (GIM) diagnostics monitors the health of the electrical system's neutral to ground bond. If voltage is seen across neutral and ground, the phase indicators will remain illuminated, while the red service light begins to flash alerting the end user that the electrical system grounding needs to be checked and serviced. This feature can be remotely monitored via the dry contact outputs. The MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1 one of the first in the industry to offer this power quality safety and performance indication.

Applications: Protection against surges.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, 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

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Product ID: 339811

Export Control Classification Number (ECCN): EAR99

Options:

MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1-Color
Example: MT-SPD-R7-3P-YE-80KA-50.60HZ-300KA-N4X-WLM-M1-DT.686A

Color	
DESERT TAN (686A)	-DT.686A
GREEN (383)	-GRN.383

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/339811.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)