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MT-SPD-R7-3P-YT-20KA-50.60HZ-300KA-N3R-WLM-M1

20 KA Surge Protection Device, 208Y/120 3-Phase 4-Wire Voltage Rating, 50/60 Hz, 300 KA Surge Current, NEMA 3R, Wall Mounted

Product ID: 309741



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-YT-20KA-50.60HZ-300KA-N3R-WLM-M1 Surge Protection Device

Unit Type: Surge Protection Device, with Counter
Phase: Three Phase
Frequency: 50/60 Hz
Rated Voltage: 208Y/120V
Voltage Protection Rating: 700V (L-N), 700V (L-G), 700V (N-G), 1000V (L-L),
Nominal Current (I_n): 20 kA

Surge Current: 300 kA/Phase

Surge Counter: Included

Standard Monitoring: LED Indicators, Ground Integrity Monitoring diagnostics, Dry Contacts, Audible alarm with silence switch and test button

Wire Size: #8 AWG to 1/0

Enclosure Rating: NEMA 3R, ANSI 61 steel enclosure
Ambient Temperature Rating: 60°C

Humidity: 90% RH w/o Dew Condensation

Altitude: Below 3,280.84 Feet

Mount: Wall Mounted or Externally Mounted To Electrical Distribution Equipment

Color: Grey
Dimensions: 12” x 12” x 7”

Weight: 20 lbs

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

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The MT-SPD-R7-3P-YT-20KA-50.60HZ-300KA-N3R-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-YT-20KA-50.60HZ-300KA-N3R-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-YT-20KA-50.60HZ-300KA-N3R-WLM-M1 features operating voltage 208Y/120V, 3-Phase, 4-Wire. Compatible with nominal current of 20 kA, 50/60 Hz. The MT-SPD-R7-3P-YT-20KA-50.60HZ-300KA-N3R-WLM-M1 features a phase surge current of 300 kA. The MT-SPD-R7-3P-YT-20KA-50.60HZ-300KA-N3R-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-YT-20KA-50.60HZ-300KA-N3R-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-YT-20KA-50.60HZ-300KA-N3R-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.

Frequently Asked Questions (FAQ)