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

MPD-MES-VCB-3P4W-16-5KV-1200A-TE-FM-MET-CU-N1-M1

MV Metal Enclosed Switchgear- 5 kV 3-phase, 4-wire, 1200 A, (1) Incomer, (6) Outgoings - NEMA 1 - Light Grey

Product ID: 324395

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



Image: MPD-MES-VCB-3P4W-16-5KV-1200A-TE-FM-MET-CU-N1-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.

MPD-MES-VCB-3P4W-16-5KV-1200A-TE-FM-MET-CU-N1-M1 MV Metal Enclosed Switchgear

Unit Type: Medium Voltage Metal Enclosed Switchgear
Nominal System Voltage: 4.16 kV AC
Rated Max Voltage: 5 kV
Rated BIL Voltage: 45 KV
Continuous And Load Interrupting Current: 1200A
Short-Time And short-Circuit Interrupting Current: 40 KA, Sym.

Phase: 3-Phase

Wire: 4-wire
Frequency: 60 Hz (60-Cycles)
System ground: Solidly Grounded
Incoming (Line / Mains) Type: Power Cables
Control Voltage: 48 VDC
Indicating Lights: Included, 0.63 inch Led
Control Power Transformer: Included, 3-Phase, 120V AC Secondary
Space Heaters: Included, w/ Thermostats
Infrared View Ports: Included
Remote Control Panel Provisions: Included
Remote Racking Device: Included, Cord Length 25ft

Ratings:

ANSI and IEEE Standards for Switchgear
NTRL Certified
Complies With IEEE C37.74
Complies With IEEE C37.60
Complies With IEEE C2
Complies With IEEE C37.20.3
Complies With Utility Company's (PSEG) Primary Metering Specification Standard CS-8735
Complies With IEEE C37.2
Complies With IEEE 1815
Complies With IEEE 386
Complies With IEEE C62.11
NEMA 1 Indoor Use
UL Certified

Incomer: (1) 1200A Non-Fused, Non-Load Break Isolation Switches
Outgoing: (4) 338A Non-Fused, Non-Load Break Isolation Switches, (2) 226A Non-Fused, Non-Load Break Isolation Switches
Incoming Power Cable Entry: Top
Outgoing Power Cable Entry: Bottom
Power Cable Termination Type: Mechanical
Power Cable Termination: By Customer
Control Cable Entry: Bottom, Front
Max Wind Speed: 116 mph
Snow Load: 5 psf
Altitude: 3,300ft Above Sea Level
Temperature Operating Range: +5ºC to -40ºC
Seismic Design Category: Category B
Service Location: Indoor
Support Frame And Enclosure Base Material: Powder Coated Steel
Enclosure Finish: Light Grey (ANSI #61)
Enclosure Type: NEMA 1 Ventilated
Mounting: Integral skid mounting frame, designed for mounting on a concrete pad, suitable to allow skidding or rolling of the switchgear in any direction, and with provision for anchoring the frame to the pad
Dimensions: 70.8"W x 86.6"H x 23.6"D
Weight: 1081.85 lbs
Shipping Dimensions: TBD
Shipping Weight: TBD
Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Special Orders - Special Requirements

Contact us for special requirements

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

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Made in the USA

The Larson Electronics MPD-MES-VCB-3P4W-16-5KV-1200A-TE-FM-MET-CU-N1-M1 Medium Voltage Metal Enclosed Switchgear provides centralized access to breakers in rugged work sites. This unit consists of seven cabinets and is compatible with three-phase 5 kV AC. Designed for indoor applications, the NEMA 1 system features four branch breakers.

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

The MPD-MES-VCB-3P4W-16-5KV-1200A-TE-FM-MET-CU-N1-M1 medium-voltage switchgear cabinet protects, controls and isolates equipment in industrial facilities. Compatible with three-phase 5 kV AC, the unit features six Outgoing Circuit Breakers. The primary switch has Multi-Function Protection Relay with the following (50) Instantaneous Overcurrent, (51) Phase Time Overcurrent & (51G) Time Delay Ground Overcurrent.

Enclosure Design: A ventilated design promotes natural cooling and improves performance. The enclosure is NEMA 1 rated and can be used in indoor areas.

Certification: This switchgear cabinet complies with ANSI and IEEE standards.

Applications: This switchgear is suitable for indoor use and applications including, but not limited to, construction sites, plant maintenance, plant turnarounds, manufacturing operations, shows, exhibits, and warehouse operations.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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

Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/324395.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)