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XLE-VCR-3P-10A-380.480V-2XNO.2XNC-DRM

3-Phase Voltage Control Relay - 380-480V AC - 10A Nominal Output Current - 2NO/2NC - 35 mm DIN Rail

Product ID: 344468



Image: XLE-VCR-3P-10A-380.480V-2XNO.2XNC-DRM

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.

XLE-VCR-3P-10A-380.480V-2XNO.2XNC-DRM 3-Phase Voltage Control Relay

Unit Type: 3-Phase Voltage Control Relay
Dimensions: -0.89"-W x 3.13"-D x 3.54"-H
Weight: 0.22 lbs
Control type: With test button
Relay monitored parameters: Overvoltage and undervoltage detection, Phase sequence, Phase failure detection
Supply voltage limits: 304…576 V AC
Supply voltage frequency: 50...60 Hz +/- 10 %
Measurement range: 380...480 V voltage AC
Voltage detection threshold: < 100 V AC
Threshold adjustment voltage: 2...20 % of Un selected
Setting accuracy of the switching threshold: +/- 10 % of the full scale
Repeat accuracy: +/- 0.5 % for input and measurement circuit, +/- 3 % for time delay
Measurement error: < 1 % over the whole range with voltage variation < 0.05 %/°C with temperature variation
Time delay type: Adjustable 0.1...30 s, +/- 10 % of the full scale value Tt- time delay upon fault
Setting accuracy of time delay: 10 %
Reset time: 1500 ms at maximum voltage
Response time: <= 300 ms
nominal output current: 8 A
Maximum switching voltage: 250 V AC

Features/Ratings

GL Certified
CSA Certified
RCM Certified
CE Certified
EAC Certified
CCC Certified
UL Certified

Switching capacity in VA: 2000 VA

Minimum switching current: 10 mA at 5 V DC

Maximum switching current: 8 A AC

Electrical durability: 100000 cycles

Mechanical durability: 10000000 cycles

Power consumption in VA: 15 VA at 480 V AC 60 Hz

Contacts material: Cadmium free

Maximum measuring cycle: 150 ms measurement cycle as true rms value

[Un] rated nominal voltage: self-powered

Ambient air temperature for storage: -40…+70 °C

Ambient air temperature for operation: -20…+50 °C @ 60 Hz, -20…+60 °C @ 50 Hz
AC/DC
Relative humidity: 93…97 % at 25…55 °C
IP Protection degree: IP20 (terminals), IP40 (housing), IP50 (front panel)
Contacts: 2 NO, 2 NC
Mounting: 35mm DIN Rail Mount
Connections: Screw Terminals

Special Orders - Special Requirements
Contact us for special requirements
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Made in the USA

The XLE-VCR-3P-10A-380.480V-2XNO.2XNC-DRM from Larson Electronics is a 3-Phase Voltage Control Relay for industrial sites. The device is rated for 380-480V AC operating voltage. This unit caters to 35mm DIN rail mount installations.

The XLE-VCR-3P-10A-380.480V-2XNO.2XNC-DRM is a voltage control relay for reliable switching or controlling functions. This unit comes with two NO and two NC contacts. Rated at 10 amps. Operators can access screw terminals for connections. The control relay is compatible with 35mm DIN rail or screw mounting.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs