

## V-EA-Series - UL508 Manual Motor Controller - 2 pole E-Trip



UL508 Listed  
E137938



Two Pole

Standard Pack: 6

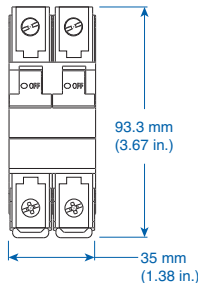
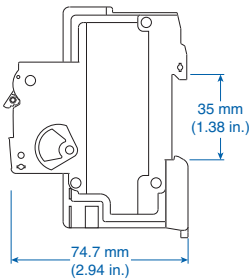
Weight:

0.3A - 32A

1.8kg (3.97 lb.)

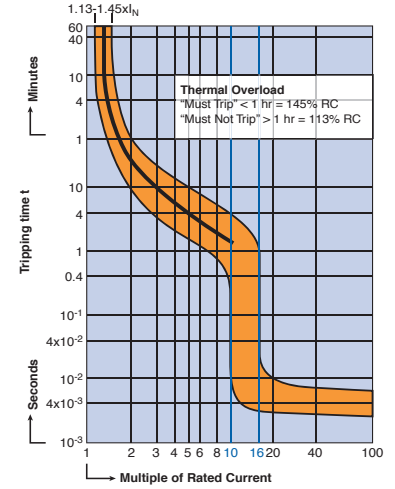
40A - 63A

1.98kg (4.37 lb.)

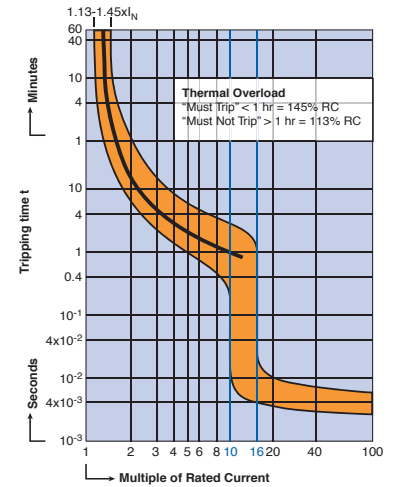


| Rated Current | Type/<br>Cat. No. | Approvals |
|---------------|-------------------|-----------|
| 0.3A          | 2E03UM            | UL SF     |
| 0.5A          | 2E05UM            | UL SF     |
| 0.75A         | 2E075UM           | UL SF     |
| 0.8A          | NA                |           |
| 1.0A          | 2E1UM             | UL SF     |
| 1.6A          | 2E1.6UM           | UL SF     |
| 2.0A          | 2E2UM             | UL SF     |
| 2.5A          | 2E2.5UM           | UL SF     |
| 3.0A          | 2E3UM             | UL SF     |
| 3.5A          | 2E3.5UM           | UL SF     |
| 4.0A          | 2E4UM             | UL SF     |
| 5.0A          | 2E5UM             | UL SF     |
| 6.0A          | 2E6UM             | UL SF     |
| 8.0A          | 2E8UM             | UL SF     |
| 10A           | 2E10UM            | UL SF     |
| 12A           | 2E12UM            | UL SF     |
| 13A           | 2E13UM            | UL SF     |
| 15A           | 2E15UM            | UL SF     |
| 16A           | 2E16UM            | UL SF     |
| 20A           | 2E20UM            | UL SF     |
| 25A           | 2E25UM            | UL SF     |
| 30A           | 2E30UM            | UL SF     |
| 32A           | 2E32UM            | UL SF     |
| 40A           | 2E40UM            | UL SF     |
| 50A           | 2E50UM            | UL SF     |
| 60A           | 2E60UM            | UL SF     |
| 63A           | 2E63UM            | UL SF     |

### V-EA-D Trip 0.3A Through 10A Rated Current



### V-EA-D Trip 13A Through 63A Rated Current



|  |  |
|--|--|
| <b>Voltage Rating</b>  | 480Y/277VAC<br>0.3-25A: 1 pole - 42VDC; 2 Pole - 80VDC<br>30-60A: 1 pole - 24VDC; 2 Pole - 60VDC |
| <b>Short Circuit Withstand Rating (UL/CSA - Ratings)</b>       | 0.3-60A (RC): 10kA with UL-listed RK5 back-up fuse or MCCB                                       |
| <b>Group Short Circuit Withstand Rating (UL/CSA - Ratings)</b> | 0.3-10A (RC): 10kA; 13-60A (RC): 5kA<br>no branch circuit protection required                    |
| <b>Interrupting Capacity (VDE - Ratings)</b>                   | 0.3-63A (RC): 10kA   |
| <b>Calibration Temperature</b>                                 | 40°C (104°F)   |
| <b>Operating Temperature</b>                                   | -25°C to 55°C (-13°F to 131°F)   |
| <b>Storage Temperature</b>                                     | -40°C to 70°C (-40°F to 158°F)   |
| <b>Terminal Size Acceptability</b>                             | Top: 18-3 AWG; Bottom: 18-2 AWG (Line/Load reversible)   |
| <b>Terminal Torque</b>   | 20 lb.in.  |
| <b>Terminal Protection Degree</b>                              | IP20   |

### SHORT CIRCUIT WITHSTAND RATINGS FOR V-EA MANUAL MOTOR CONTROLLER

| Trip Curve | Amp Range   | Backup Protection | UL-Listed RK5-Fuse up to 10kA | UL-Listed MCCB up to 10kA | No BCP Required up to: |
|------------|-------------|-------------------|-------------------------------|---------------------------|------------------------|
| all        | 0.3 - 10A   |                   | 4xRC*<br>min 15A, max 70A     | 4xRC*<br>min 15A, max 70A | 10kA                   |
| all        | 12 - 30/32A |                   | 4xRC*<br>max 125A             | 4xRC*<br>max 125A         | 5kA                    |
| all        | 40 - 50A    |                   | 4xRC*<br>max 200A             | 4xRC*<br>max 200A         | 5kA                    |
| all        | 60 / 63A    |                   | 4xRC*<br>max 250A             | 4xRC*<br>max 250A         | 5kA                    |

\*up to nearest rated current

### Standard Dual Connection Terminal

All parts are ring tongue compatible.

