

## V-EA-Series - UL508 Manual Motor Controller - 1 pole E-Trip



UL508 Listed  
E137938

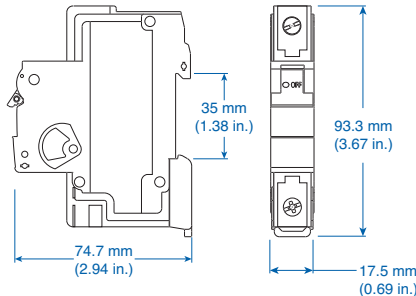


One Pole

Standard Pack: 12

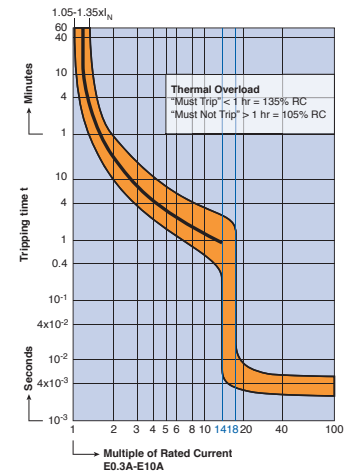
Weight:

0.3A - 32A  
1.8kg (3.97 lb.)  
40A - 63A  
1.98kg (4.37 lb.)

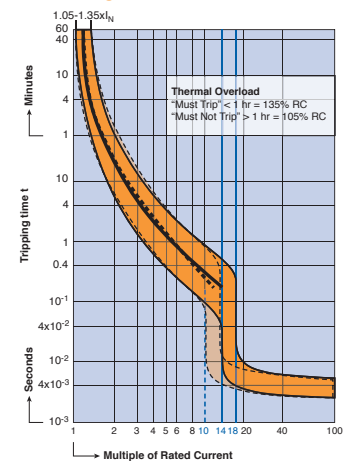


| Rated Current | Type/<br>Cat. No. | Approvals |
|---------------|-------------------|-----------|
| 0.3A          | 1E03UM            | UL, SFA   |
| 0.5A          | 1E05UM            | UL, SFA   |
| 0.75A         | 1E075UM           | UL, SFA   |
| 0.8A          | NA                |           |
| 1.0A          | 1E1UM             | UL, SFA   |
| 1.6A          | 1E1.6UM           | UL, SFA   |
| 2.0A          | 1E2UM             | UL, SFA   |
| 2.5A          | 1E2.5UM           | UL, SFA   |
| 3.0A          | 1E3UM             | UL, SFA   |
| 3.5A          | 1E3.5UM           | UL, SFA   |
| 4.0A          | 1E4UM             | UL, SFA   |
| 5.0A          | 1E5UM             | UL, SFA   |
| 6.0A          | 1E6UM             | UL, SFA   |
| 8.0A          | 1E8UM             | UL, SFA   |
| 10A           | 1E10UM            | UL, SFA   |
| 12A           | 1E12UM            | UL, SFA   |
| 13A           | 1E13UM            | UL, SFA   |
| 15A           | 1E15UM            | UL, SFA   |
| 16A           | 1E16UM            | UL, SFA   |
| 20A           | 1E20UM            | UL, SFA   |
| 25A           | 1E25UM            | UL, SFA   |
| 30A           | 1E30UM            | UL, SFA   |
| 32A           | 1E32UM            | UL, SFA   |
| 40A           | 1E40UM            | UL, SFA   |
| 50A           | 1E50UM            | UL, SFA   |
| 60A           | 1E60UM            | UL, SFA   |
| 63A           | 1E63UM            | UL, SFA   |

V-EA-E Trip  
0.3A Through 10A Rated Current



V-EA-E Trip  
12A Through 60A Rated Current



|                                                                |                                                                               |
|----------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Voltage Rating</b>                                          | 277VAC<br>0.3-25A: 1 pole - 42VDC<br>30-60A: 1 pole - 24VDC                   |
| <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 | Backup Protection<br>Amp Range | UL-Listed<br>RK5-Fuse<br>up to 10kA | UL-Listed<br>MCCB<br>up to 10kA | No BCP<br>Required<br>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.

