

V-EA-Series - UL508 Manual Motor Controller - 1 pole G-Trip



UL508 Listed
E137938



One Pole

Standard Pack: 12

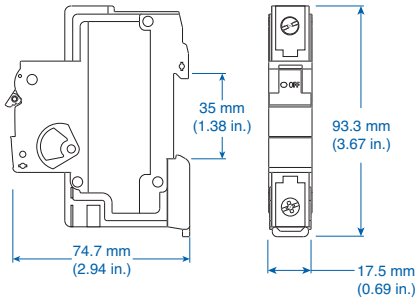
Weight:

0.3A - 32A

1.8kg (3.97 lb.)

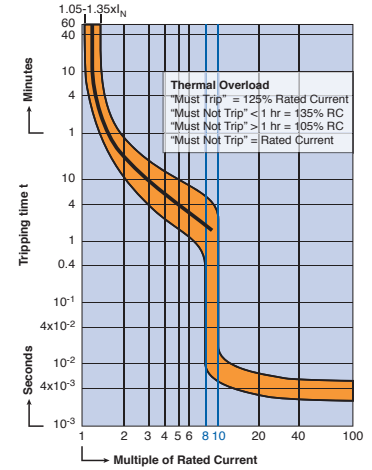
40A - 63A

1.98kg (4.37 lb.)

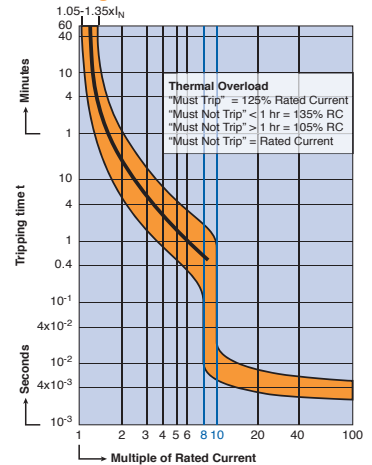


| Rated Current | Type/ Cat. No. | Approvals |
|---------------|-------------------|-----------|
| 0.3A | 1G03UM | UL, SA |
| 0.5A | 1G05UM | UL, SA |
| 0.75A | NA | |
| 0.8A | 1G08UM | UL, SA |
| 1.0A | 1G1UM | UL, SA |
| 1.6A | 1G1.6UM | UL, SA |
| 2.0A | 1G2UM | UL, SA |
| 2.5A | 1G2.5UM | UL, SA |
| 3.0A | 1G3UM | UL, SA |
| 3.5A | 1G3.5UM | UL, SA |
| 4.0A | 1G4UM | UL, SA |
| 5.0A | 1G5UM | UL, SA |
| 6.0A | 1G6UM | UL, SA |
| 8.0A | 1G8UM | UL, SA |
| 10A | 1G10UM | UL, SA |
| 12A | 1G12UM | UL, SA |
| 13A | 1G13UM | UL, SA |
| 15A | 1G15UM | UL, SA |
| 16A | 1G16UM | UL, SA |
| 20A | 1G20UM | UL, SA |
| 25A | 1G25UM | UL, SA |
| 30A | 1G30UM | UL, SA |
| 32A | 1G32UM | UL, SA |
| 40A | 1G40UM | UL, SA |
| 50A | 1G50UM | UL, SA |
| 60A | 1G60UM | UL, SA |
| 63A | 1G63UM | UL, SA |

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



V-EA-G Trip 12A Through 63A Rated Current



| | |
|--|---|
| Voltage Rating | 277VAC 0.3-25A: 1 pole - 42VDC 30-60A: 1 pole - 24VDC |
| Short Circuit Withstand Rating (UL/CSA - Ratings) | 0.3-60A (RC): 10kA with UL-listed RK5 back-up fuse or MCCB |
| Group Short Circuit Withstand Rating (UL/CSA - Ratings) | 0.3-10A (RC): 10kA; 13-60A (RC): 5kA no branch circuit protection required |
| Interrupting Capacity (VDE - Ratings) | 0.3-63A (RC): 10kA |
| Calibration Temperature | 40°C (104°F) |
| Operating Temperature | -25°C to 55°C (-13°F to 131°F) |
| Storage Temperature | -40°C to 70°C (-40°F to 158°F) |
| Terminal Size Acceptability | Top: 18-3 AWG; Bottom: 18-2 AWG (Line/Load reversible) |
| Terminal Torque | 20 lb.in. |
| Terminal Protection Degree | 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* min 15A, max 70A | 4xRC* min 15A, max 70A | 10kA |
| all | 12 - 30/32A | | 4xRC* max 125A | 4xRC* max 125A | 5kA |
| all | 40 - 50A | | 4xRC* max 200A | 4xRC* max 200A | 5kA |
| all | 60 / 63A | | 4xRC* max 250A | 4xRC* max 250A | 5kA |

*up to nearest rated current

Standard Dual Connection Terminal

All parts are ring tongue compatible.

