

## V-EA-Series - UL508 Manual Motor Controller - 3 pole Z-Trip



UL508 Listed  
E137938



Three Pole

Standard Pack: 6

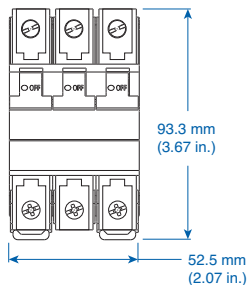
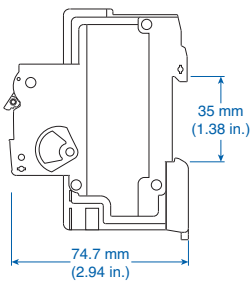
Weight:

0.3A - 32A

1.8kg (3.97 lb.)

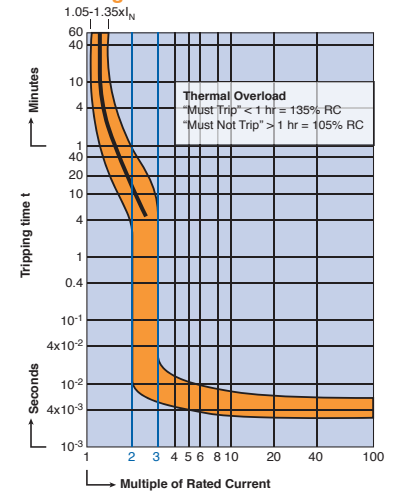
40A - 63A

1.98kg (4.37 lb.)

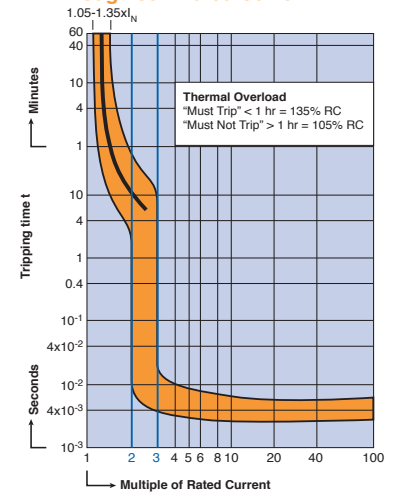


Rated Current	Type/ Cat. No.	Approvals
0.3A	3Z03UM	UL SF
0.5A	3Z05UM	UL SF
0.75A	3Z075UM	UL SF
0.8A	NA	
1.0A	3Z1UM	UL SF
1.6A	3Z1.6UM	UL SF
2.0A	3Z2UM	UL SF
2.5A	3Z2.5UM	UL SF
3.0A	3Z3UM	UL SF
3.5A	3Z3.5UM	UL SF
4.0A	3Z4UM	UL SF
5.0A	3Z5UM	UL SF
6.0A	3Z6UM	UL SF
8.0A	3Z8UM	UL SF
10A	3Z10UM	UL SF
12A	3Z12UM	UL SF
13A	3Z13UM	UL SF
15A	3Z15UM	UL SF
16A	3Z16UM	UL SF
20A	3Z20UM	UL SF
25A	3Z25UM	UL SF
30A	3Z30UM	UL SF
32A	3Z32UM	UL SF
40A	3Z40UM	UL SF
50A	3Z50UM	UL SF

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



### V-EA-Z Trip 12A Through 50A Rated Current



<b>Voltage Rating</b>	480Y/277VAC 0.3-25A: 1 pole - 42VDC; 2 Pole - 80VDC 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 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* 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.

