

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



UL508 Listed  
E137938



Three Pole

Standard Pack: 6

Weight:

0.3A - 32A

1.8kg (3.97 lb.)

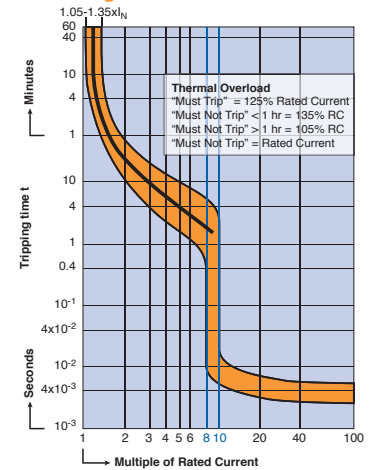
40A - 63A

1.98kg (4.37 lb.)

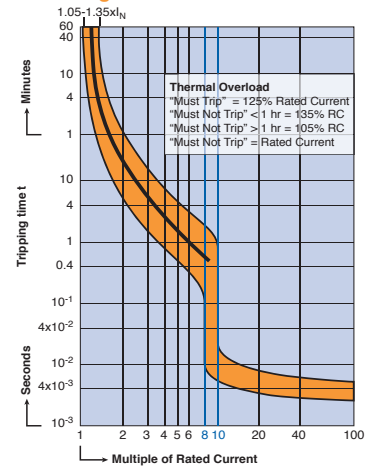


Rated Current	Type/ Cat. No.	Approvals
0.3A	3G03UM	UL SF
0.5A	3G05UM	UL SF
0.75A	NA	
0.8A	3G08UM	UL SF
1.0A	3G1UM	UL SF
1.6A	3G1.6UM	UL SF
2.0A	3G2UM	UL SF
2.5A	3G2.5UM	UL SF
3.0A	3G3UM	UL SF
3.5A	3G3.5UM	UL SF
4.0A	3G4UM	UL SF
5.0A	3G5UM	UL SF
6.0A	3G6UM	UL SF
8.0A	3G8UM	UL SF
10A	3G10UM	UL SF
12A	3G12UM	UL SF
13A	3G13UM	UL SF
15A	3G15UM	UL SF
16A	3G16UM	UL SF
20A	3G20UM	UL SF
25A	3G25UM	UL SF
30A	3G30UM	UL SF
32A	3G32UM	UL SF
40A	3G40UM	UL SF
50A	3G50UM	UL SF
60A	3G60UM	UL SF
63A	3G63UM	UL SF

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



### V-EA-G Trip 12A Through 63A 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

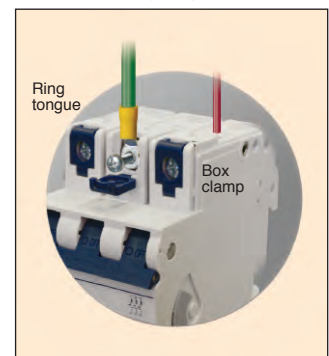
### SHORT CIRCUIT WITHSTAND RATINGS FOR V-EA MANUAL MOTOR CONTROLLER

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.



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Altech:

[3G03UM](#) [3G05UM](#) [3G08UM](#) [3G1.6UM](#) [3G10UM](#) [3G125UM](#) [3G12UM](#) [3G13UM](#) [3G15UM](#) [3G16UM](#) [3G1UM](#)  
[3G2.5UM](#) [3G20UM](#) [3G25UM](#) [3G2UM](#) [3G3.5UM](#) [3G30UM](#) [3G32UM](#) [3G3UM](#) [3G40UM](#) [3G4UM](#) [3G50UM](#) [3G5UM](#)  
[3G60UM](#) [3G63UM](#) [3G6UM](#) [3G8UM](#)