

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



Two Pole

Standard Pack: 6

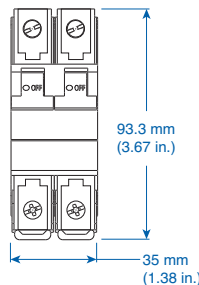
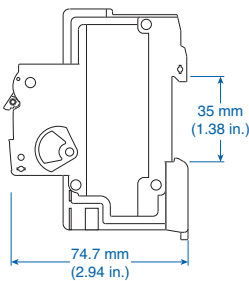
Weight:

0.3A - 32A

1.8kg (3.97 lb.)

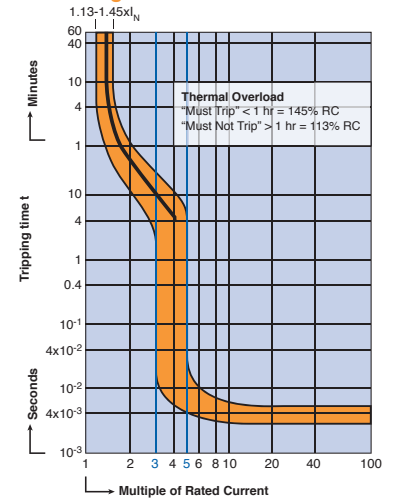
40A - 63A

1.98kg (4.37 lb.)

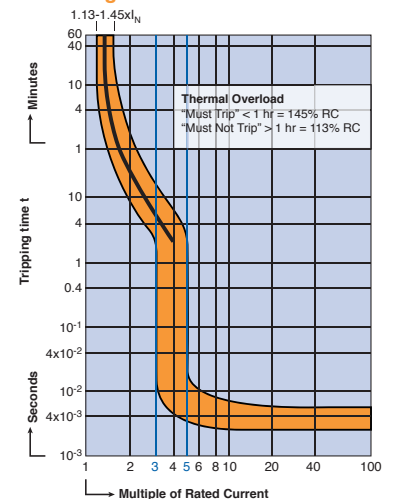


Rated Current	Type/Cat. No.	Approvals
1.0A	2B1UM	UL, SF
1.6A	2B1.6UM	UL, SF
2.0A	2B2UM	UL, SF
2.5A	2B2.5UM	UL, SF
3.0A	2B3UM	UL, SF
3.5A	2B3.5UM	UL, SF
4.0A	2B4UM	UL, SF
5.0A	2B5UM	UL, SF
6.0A	2B6UM	UL, SF, IEC
8.0A	NA	
10A	2B10UM	UL, SF, IEC
12A	NA	
13A	2B13UM	UL, SF, IEC
15A	2B15UM	UL, SF
16A	2B16UM	UL, SF, IEC
20A	2B20UM	UL, SF, IEC
25A	2B25UM	UL, SF, IEC
30A	2B30UM	UL, SF
32A	2B32UM	UL, SF
40A	2B40UM	UL, SF
50A	2B50UM	UL, SF
60A	2B60UM	UL, SF
63A	2B63UM	UL, SF

V-EA-B Trip  
1.0A Through 10A Rated Current



V-EA-B Trip  
13A 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

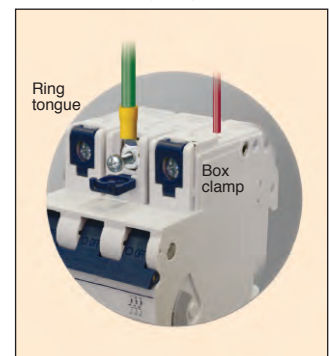
### SHORT CIRCUIT WITHSTAND RATINGS FOR V-EA MANUAL MOTOR CONTROLLER

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:](#)

[2B10UM](#) [2B13UM](#) [2B15UM](#) [2B16UM](#) [2B20UM](#) [2B30UM](#) [2B32UM](#) [2B40UM](#) [2B50UM](#) [2B5UM](#) [2B60UM](#)  
[2B63UM](#) [2B6UM](#) [2B25UM](#) [2B4UM](#) [2B3UM](#) [2B2UM](#)