

## V-EA-Series - UL508 Manual Motor Controller - 1 pole C-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	1C03UM	UL, SFA, VDE, CE
0.5A	1C05UM	UL, SFA, VDE, CE
0.75A	1C075UM	UL, SFA, VDE, CE
0.8A	NA	
1.0A	1C1UM	UL, SFA, VDE, CE
1.6A	1C1.6UM	UL, SFA, VDE, CE
2.0A	1C2UM	UL, SFA, VDE, CE
2.5A	1C2.5UM	UL, SFA, VDE, CE
3.0A	1C3UM	UL, SFA, VDE, CE
3.5A	1C3.5UM	UL, SFA, VDE, CE
4.0A	1C4UM	UL, SFA, VDE, CE
5.0A	1C5UM	UL, SFA, VDE, CE
6.0A	1C6UM	UL, SFA, VDE, CE
8.0A	1C8UM	UL, SFA, VDE, CE
10A	1C10UM	UL, SFA, VDE, CE
12A	NA	
13A	1C13UM	UL, SFA, VDE, CE
15A	1C15UM	UL, SFA, VDE, CE
16A	1C16UM	UL, SFA, VDE, CE
20A	1C20UM	UL, SFA, VDE, CE
25A	1C25UM	UL, SFA, VDE, CE
30A	1C30UM	UL, SFA, VDE, CE
32A	1C32UM	UL, SFA, VDE, CE
40A	1C40UM	UL, SFA, VDE, CE
50A	1C50UM	UL, SFA, VDE, CE
60A	1C60UM	UL, SFA, VDE, CE
63A	1C63UM	UL, SFA, VDE, CE

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



### V-EA-C Trip 13A Through 63A Rated Current



<b>Voltage Rating</b>	277VAC 0.3-25A: 1 pole - 42VDC 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 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.



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