

# 1E15UM Datasheet



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DiGi Electronics Part Number	1E15UM-DG
Manufacturer	<a href="#">Altech Corporation</a>
Manufacturer Product Number	1E15UM
Description	CIR BRKR THRM-MAG 15A LEVER
Detailed Description	Circuit Breaker Thermal Magnetic 15A 277 V AC 42 V DC Lever DIN Rail

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## Purchase and inquiry

Manufacturer Product Number:

1E15UM

Series:

V-EA

Mounting Type:

DIN Rail

Current Rating (Amps):

15A

Voltage Rating - DC:

42 V

Number of Poles:

1

Illumination Voltage (Nominal):

-

Base Product Number:

1E15

Manufacturer:

Altech Corporation

Product Status:

Active

Breaker Type:

Thermal Magnetic

Voltage Rating - AC:

277 V

Actuator Type:

Lever

Illumination:

None

Approval Agency:

CSA, UL508

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.20.0020

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99



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## V-EA-Series - UL508 Manual Motor Controller - 1 pole E-Trip



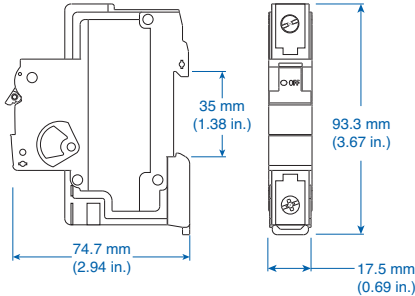
UL508 Listed  
E137938



Standard Pack: 12

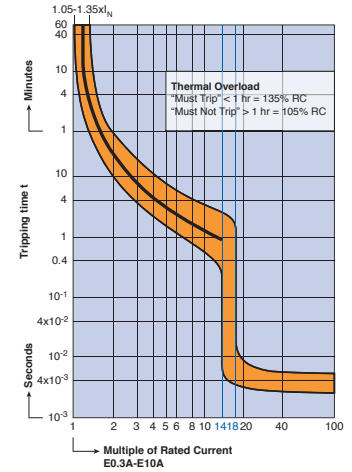
Weight:  
0.3A - 32A  
1.8kg (3.97 lb.)  
40A - 63A  
1.98kg (4.37 lb.)

One Pole

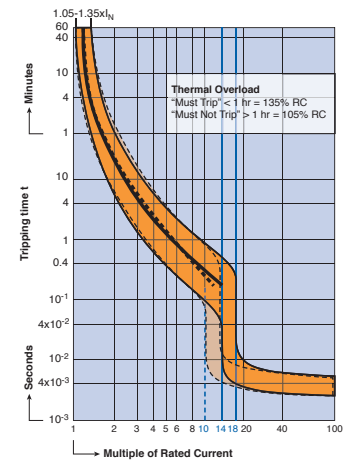


Rated Current	Type/Cat. No.	Approvals
0.3A	1E03UM	UL, SFA
0.5A	1E05UM	UL, SFA
0.75A	1E075UM	UL, SFA
0.8A	NA	
1.0A	1E1UM	UL, SFA
1.6A	1E1.6UM	UL, SFA
2.0A	1E2UM	UL, SFA
2.5A	1E2.5UM	UL, SFA
3.0A	1E3UM	UL, SFA
3.5A	1E3.5UM	UL, SFA
4.0A	1E4UM	UL, SFA
5.0A	1E5UM	UL, SFA
6.0A	1E6UM	UL, SFA
8.0A	1E8UM	UL, SFA
10A	1E10UM	UL, SFA
12A	1E12UM	UL, SFA
13A	1E13UM	UL, SFA
15A	1E15UM	UL, SFA
16A	1E16UM	UL, SFA
20A	1E20UM	UL, SFA
25A	1E25UM	UL, SFA
30A	1E30UM	UL, SFA
32A	1E32UM	UL, SFA
40A	1E40UM	UL, SFA
50A	1E50UM	UL, SFA
60A	1E60UM	UL, SFA
63A	1E63UM	UL, SFA

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



V-EA-E Trip  
12A Through 60A 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

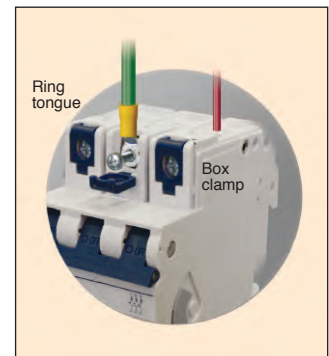
### SHORT CIRCUIT WITHSTAND RATINGS FOR V-EA MANUAL MOTOR CONTROLLER

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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