V-EA and MA Manual Motor Controllers Accessories

UL508 Listed
E137938

Accessories can be factory or field mounted on V-EA and MA manual motor controllers for enhanced control and monitoring capabilities. Field mounting kits include all necessary parts and instructions. Accessories can be gang mounted on a single controller (the Auxiliary Switch in the outside position). The mounting arrangement links the internal latch-pins for the tripping mechanisms, ensuring simultaneous trips. Handles are linked to simplify manual resetting.

FA - Shunt Trip

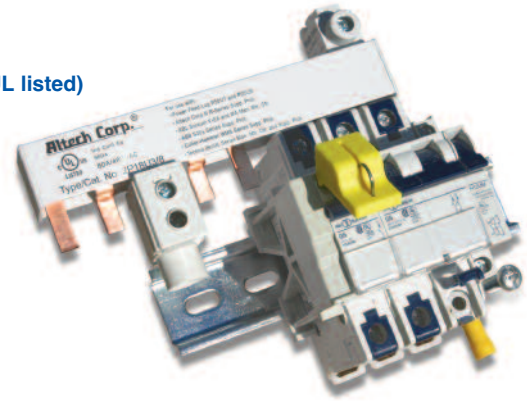
Type/ Cat. No.	Trip/Coil Voltage AC or DC	Max. Coil Current	Approvals
FA12UM	12V	1.3A	
FA24UM	24V	0.6A	
FA48UM	48-72V	0.2A	
FA110UM	110V/220V	0.25A/0.5A	

Standard Pack: 5
Weight: 525 grams (1.16 lb.)
Width: 17.5mm (.689in.)

UA - Undervoltage Trip (not UL listed)

Type/ Cat. No.	Line Voltage 60Hz*
UA120UM	120VAC
UA220UM	220VAC

Standard Pack: 5
Weight: 750 grams (1.65 lb.)
Width: 17.5mm (.689in.)



For further Busbar information please see our comprehensive Altech Universal Power Distribution catalog.

H - Auxiliary Switch

Type/ Cat. No.	No. of Contacts	Contact Type	Contact Rating	Wire Size	For Use with:	Approvals
H10UM	1	1NO	10A / 220V AC 3A / 110V DC or pulsed 1A / 220V DC or pulsed	4mm² (12 AWG)	V-EA, MA	
H11UM	2	1NO + 1NC				
H12UM	3	1NO + 2NC				
H21UM	3	2NO + 1NC				

Standard Pack: 10
Weight: 450 grams (0.99 lb.)
Width: 9mm (.354in.)

Add-on Neutral Pole

Type/ Cat. No.	Rating	Approvals
N63UM	0.3-63A/ 480Y/277V	

Standard Pack: 5
Weight: 0.775kg (1.71lb.)
Width: 17.5mm (.689in.)

* Please consult Altech for other voltages and your 50Hz application needs.

Lock-out **
Cat. No. EASS

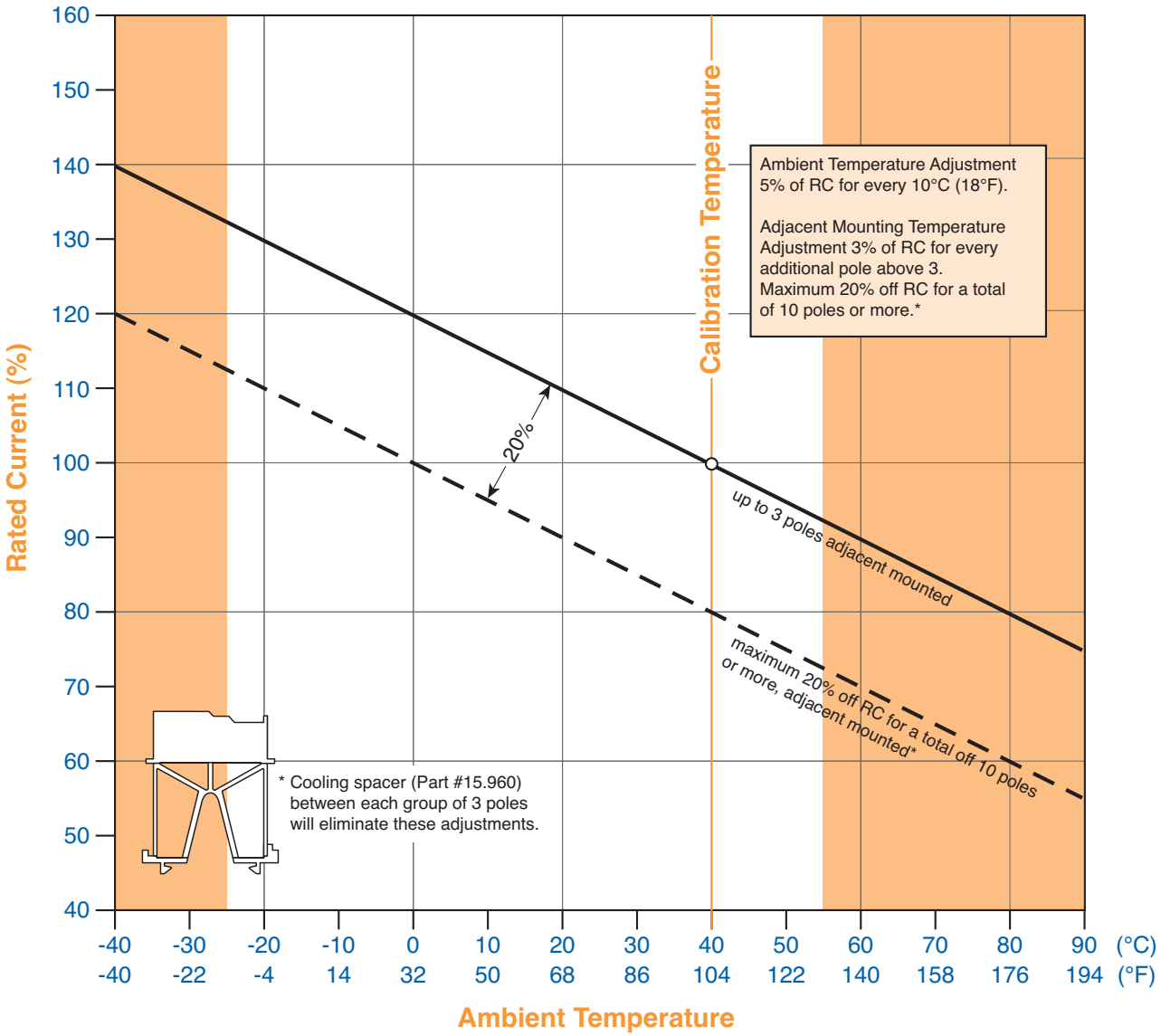
Prevent inadvertent resetting of the V-EA or MA during maintenance.
Fits 1/4" pad lock.

Cooling Spacer
Cat. No. 15.960

TEMPERATURE CORRECTION CURVE

Ambient Temperature and Adjacent Mounting/Loading Adjustment

(V-EA/MA Ambient Temperature - 25°C to 55°C, Storage Temperature -40°C to 70°C)



** V-EA and MA can also be locked in the on and off position by simply using a common lead or meter seal, which gets fed through the hole in the handle and a corresponding hole in the housing.