## V-EA and MA Circuit Breaker Accessories







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

	Trip/Coil		
Type/	Voltage	Max. Coil	
Cat. No.	AC or DC	Current	Approvals
FA12U	12V	1.3A	(I) (I)
FA24U	24V	0.6A	<b>(!) (!)</b>
FA48U	48-72V	0.2A	(L) (B)
FA110U	110V/220V	0.25A/0.5A	(h) (f)

Std.Pk.: 1

Unit Weight: 120 grams (0.27 lb.) Width: 17.5mm (.689in.)

## **UA - Undervoltage Trip**



Type/ Cat. No.	Line Voltage 60Hz*	
UA120	120VAC	
UA240	240VAC	
UA277	277VAC	
UA415	415VAC	
UA480	480VAC	

Std.Pk.: 1

Unit Weight: 70 grams (0.16 lb.) Width: 17.5mm (.689in.)

## H - Auxiliary Switch

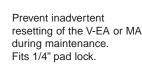


Type/ Cat. No.	Contact Rating	Wire Size	Approvals	For Use With:
H11U	10A / 220V AC 3A / 110V DC or pulsed 1A / 220V DC or pulsed	4mm <sup>2</sup> (12 AWG)	(4) (B)	V-EA, MA

Std. Pk.: 1

Unit Weight: 45 grams (0.12 lb.) Width: 9mm (.354in.)







Cooling Spacer Cat. No. 15.960

<sup>\*</sup> Please consult Altech for your 50Hz application needs.

<sup>\*\*</sup> 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.