

## Accessories

### L-Series Circuit Breakers



Accessories can be factory or field mounted on L-Series miniature molded case circuit breakers 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.



#### Neutral Pole

(63A/240VAC; 32A/480Y/277VAC)

| Description | Type/<br>Cat. No. | Cable<br>Max               | Cable<br>Min                 | Torque<br>Max     | Torque<br>Min     |
|-------------|-------------------|----------------------------|------------------------------|-------------------|-------------------|
| Neutral     | ALTN2L            | 25mm <sup>2</sup><br>3 AWG | 2.5mm <sup>2</sup><br>12 AWG | 2Nm<br>17.5 lb-in | 1.5Nm<br>12 lb-in |

Standard Pack: 10

Weight: 1.2kg (2.64 lb.)



Shunt Trip



Undervoltage Trip

#### Shunt Trip and Undervoltage Trip

| Description     | Shunt Trip<br>Type/Cat. No. | Operational<br>Voltage | Rated<br>Coil Current | Undervoltage Trip*<br>Type/Cat. No. |
|-----------------|-----------------------------|------------------------|-----------------------|-------------------------------------|
| <b>AC Coil:</b> |                             |                        |                       |                                     |
| 12V AC          | FA12ACL                     | 8.4 - 13.2V            | 6A                    | UV12ACL                             |
| 24V AC          | FA24ACL                     | 16.8 - 26.4V           | 2.8A                  | UV24ACL                             |
| 48V AC          | FA48ACL                     | 33.6 - 52.8V           | 0.8A                  | UV48ACL                             |
| 60V AC          | FA60ACL                     | 42 - 66V               | ~0.7A                 | UV60ACL                             |
| 110V AC         | FA110ACL                    | 77 - 121V              | 0.5A                  | UV110ACL                            |
| 120V AC         | FA120ACL                    | 84 - 132V              | ~0.5A                 | UV120ACL                            |
| 230V AC         | FA230ACL                    | 161 - 253V             | 0.6A                  | UV230ACL                            |
| 277V AC         | FA277ACL                    | 194 - 305V             | ~0.5A                 | UV277ACL                            |
| 400V AC         | FA400ACL                    | 280 - 440V             | 0.5A                  | UV400ACL                            |
| <b>DC Coil:</b> |                             |                        |                       |                                     |
| 12V DC          | FA12DCL                     | 8.4 - 13.2V            | ~6A                   | UV12DCL                             |
| 24V DC          | FA24DCL                     | 16.8 - 26.4V           | 3A                    | UV24DCL                             |
| 48V DC          | FA48DCL                     | 33.6 - 52.8V           | 2A                    | UV48DCL                             |
| 110V DC         | FA110DCL                    | 77 - 121V              | 0.6A                  | UV110DCL                            |

\* Reset-Hold Voltage =  $0.85 \times V_E$ ; Drop-Out Voltage =  $0.2 \times V_E$

Standard Pack: 10

Weight: 1.1kg (2.43 lb.)

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| <b>Terminal Size - min/max</b>   | 2.5 mm <sup>2</sup> (12 AWG) / 25mm <sup>2</sup> (3 AWG) |
| <b>Terminal Torque - min/max</b> | 1.5 Nm (12 lb. in.) / 2 Nm (17.5 lb. in.)                |

#### Auxiliary Contact

(6A/120VAC; 3A/240VAC)

| Description                       | Type/<br>Cat. No. | Cable<br>Max                 | Cable<br>Min                 | Torque<br>Max    | Torque<br>Min     |
|-----------------------------------|-------------------|------------------------------|------------------------------|------------------|-------------------|
| 1 x CO                            | H1COL             | 2.5mm <sup>2</sup><br>12 AWG | 0.5mm <sup>2</sup><br>20 AWG | 0.5Nm<br>4 lb-in | 0.33Nm<br>3 lb-in |
| 2 x CO                            | H2COL             |                              |                              |                  |                   |
| 1 x CO, 1 Signal<br>& Test Button | HSTCOL            |                              |                              |                  |                   |

Standard Pack: 15

Weight: 0.5kg (1.32 lb.)

#### Lock-out Adapter

| Description | Type/<br>Cat. No. |
|-------------|-------------------|
| Yellow      | EASS2L            |

Standard Pack: 10

Weight: 50g (1.76 oz.)



#### Front Mounting Kit with hardware

| Description | Type/<br>Cat. No. | Weight         |
|-------------|-------------------|----------------|
| 1 Pole      | FMA1PL            | 40g (1.41 oz.) |
| 2 Pole      | FMA2PL            | 45g (1.59 oz.) |
| 3 Pole      | FMA3PL            | 50g (1.76 oz.) |

Standard Pack: 1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Altech:](#)

[FMA3PL](#)