# Distribution board switch and protection devices

Accessories - MCBs, RCCBs & RCBOs

3.4

**ASPDL** 

#### **Padlocking devices**



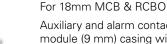
For MCBs, RCCBs, RCBOs & switch disconnectors

- The wide range of Eaton devices are complimented by a range of padlocking devices.
- For MCBs and RCCBs the device mechanism is trip free which allows it to be padlocked 'ON' for security, but in the event of a fault condition the device will still operate to disconnect the fault. The device will move to the tripped position when the lock is removed. These devices can also be padlocked in the 'OFF' position.

| Description  | Eaton list<br>number |
|--|----------------------|
| Universal device lockout attachment – fits MCBs, RCCBs and RCBOs | ASPDL                |
| Lockout attachment for 27mm MCBs                                 | ASPDL27              |
| Padlock  | PD2                  |

ASALMSN

#### Auxiliary and alarm contacts including test function



Auxiliary and alarm contact devices can be fitted together on one MCB. Each is incorporated in a 1/2 module (9 mm) casing with terminals protected to IP 20 capable of accepting cable up to 2.5 mm<sup>2</sup>. These devices are designed and manufactured to IEC 60947-5-1 and incorporate a changeover switch providing remote indication of an MCB which has tripped under fault conditions.

### **Technical characteristics**

- This auxiliary switch allows remote indication of the position of the MCB contacts.
- Auxiliary and Alarm contact ratings:
  - AC14 240 Vac 50Hz, 6A.
  - DC14 125 Vdc, 1A.
- The auxiliary contact will not differentiate between an MCB that is "off" or "tripped".
- The auxiliary contact can be used in conjunction with a remote supply and signal lamps, bells or buzzers.

| Description  | Quantity<br>per carton | Eaton list<br>number  |
|--|------------------------|-----------------------|
| Auxiliary switch incorporating a test function     | 1                      | ASAUXSN <sup>1)</sup> |
| Alarm switch incorporating reset and test function | 1                      | ASALMSN <sup>1)</sup> |
|  |                        |                       |

<sup>1)</sup> Not suitable for use in distribution boards

ASSNTSN415

## **Shunt trips**





## **Technical characteristics**

- Suitable for all Eaton MCBs including those with either auxiliary or alarm contacts.
- A shunt trip and undervoltage release can be fitted together on one MCB.
- Each is incorporated in a 1 module (18 mm) casing with terminals protected to IP 20 capable of accepting cable up to 2.5 mm².
- The shunt trip and UVR are simply clipped to the left hand side of an MCB and have terminals at one end to allow connection to pan assemblies and comb busbar.
- A shunt release provides remote trippping of an MCB with three voltage options for AC & DC applications.

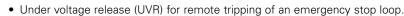
| Description    | dc characteristics | ac characteristics | Quantity<br>per carton | Eaton list<br>number |
|----------------|--------------------|--------------------|------------------------|----------------------|
| MCB shunt trip | 48 V–60 Vdc        | 48 V-110 Vac       | 1                      | ASSNTSN1101)         |
| MCB shunt trip | 110 Vdc            | 240 Vac            | 1                      | ASSNTSN4151)         |

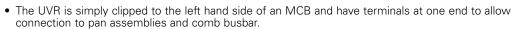
Not suitable for use in distribution boards Other voltages are available.

ASUVRSC230

## Under voltage release

For 18mm MCB & RCBO





| Description           | ac characteristics | Quantity<br>per carton | Eaton list<br>number |
|-----------------------|--------------------|------------------------|----------------------|
| Under voltage release | 240 Vac            | 1                      | ASUVRSC2301)         |

<sup>1)</sup> Not suitable for use in distribution boards