Data Sheet

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CE

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should be inspected periodically to ensure correct tightness.

**DO NOT USE POWER TOOLS ON THESE PRODUCTS**

# MODULAR CONTACTORS

**EUC1 | EUC2 | EUC3 | EUC6**
**20-125A Modular contactors**

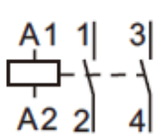


## Description

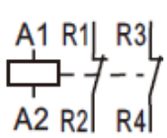
- Ideal for consumer unit applications.
- Available in 2 pole and 4 pole versions.
- Normally open and normally closed options available.
- DIN rail mounted fitting.
- Quiet operation.

## Wiring Diagrams

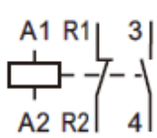
### Two-Pole Modular Contactors




**2 N/O**

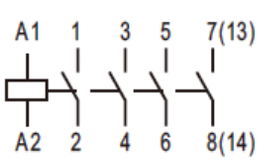



**2 N/C**

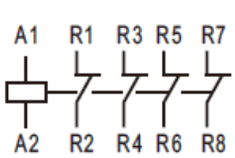



**1 N/C + 1N/O**

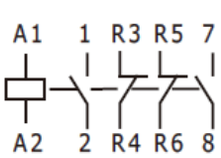
### Four-Pole Modular Contactors




**4 N/O**

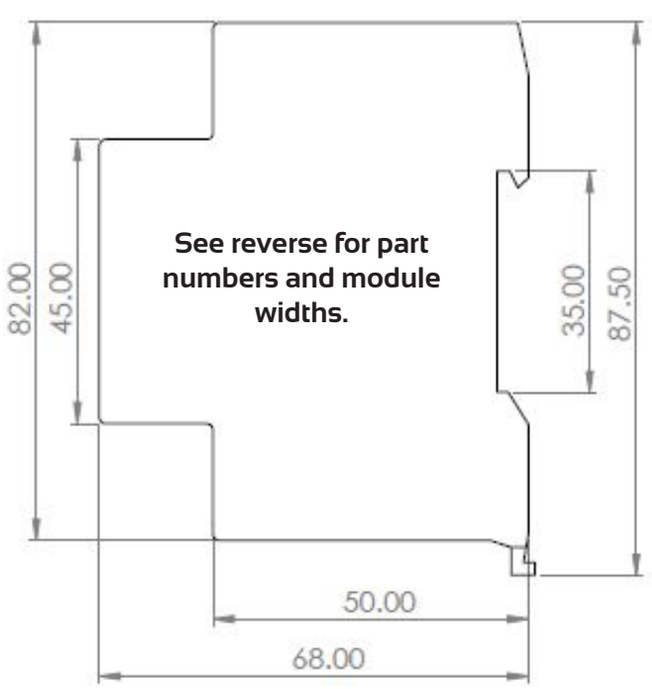



**4 N/C**




**2 N/O + 2N/C**

Note: All Dimensions in mm



| Part Number | Description | No. of Modules | Rated Terminal Capacity Supply ($mm^2$) | Rated Terminal Capacity Coil ($mm^2$) |
|---|---|---|---|---|
| **2 Pole Modular Contactor** | | | | |
| EUC1-20-2P | 2N/O 20A 230V AC | 1 (18mm) | 1.5-10$mm^2$ | 0.75-2.5$mm^2$ |
| EUC1-20-2NC | 2N/C 20A 230V AC | | | |
| EUC1-25-2P | 2N/O 25A 230V AC | | | |
| EUC1-25-2NCP | 2N/C 25A 230V AC | | | |
| EUC1-20-2NOB | 2N/O 20A 24V AC | | | |
| EUC1-20-2NCB | 2N/C 20A 24V AC | | | |
| EUC1-20-NONCP | 1N/O+1N/C 20A 230V AC | | | |
| EUC2-63-2P | 2N/O 63A 230V AC | 2 (36mm) | 2.5-25$mm^2$ | |
| EUC3-125-2P | 2N/O 125A 230V AC | 3 (54mm) | 50$mm^2$ | |
| **4 Pole Modular Contactor** | | | | |
| EUC2-25-4P | 4N/O 25A 230V AC | 2 (36mm) | 1.5-10$mm^2$ | 0.75-2.5$mm^2$ |
| EUC2-25-4NCP | 4N/C 25A 230V AC | | | |
| EUC2-25-4NOB | 4N/O 25A 24V AC | | | |
| EUC2-25-4NCB | 4N/C 25A 24V AC | | | |
| EUC2-25-2NO2NCP | 2N/O+2N/C 25A 230V AC | | | |
| EUC3-40-4P | 4N/O 40A 230V AC | 3 (72mm) | 2.5-25$mm^2$ | |
| EUC3-40-4NCP | 4N/C 40A 230V AC | | | |
| EUC3-40-4NOB | 4N/O 40A 24V AC | | | |
| EUC3-40-4NCB | 4N/C 40A 24V AC | | | |
| EUC3-63-4P | 4N/O 63A 230V AC | | | |
| EUC3-63-4NCP | 4N/C 63A 230V AC | | | |
| EUC3-63-4NOB | 4N/O 63A 24V AC | | | |
| EUC3-63-4NCB | 4N/C 63A 24V AC | | | |
| EUC6-125-4P | 4N/O 125A 230V AC | 6 (108mm) | 50$mm^2$ | |

| Range | Rated Insulation Voltage (Ui) | Rated Operation Current AC1 (Ie) | Rated Operation Current AC3 (Ie) | RatedPower AC1 (kW) | RatedPower AC3 (kW) |
|---|---|---|---|---|---|
| EUC1-20 | 400V AC | 20A | 9A | 4kW (230V AC) | - |
| EUC1-25 | | 25A | | | - |
| EUC2-25 | 500V AC | | | 16kW | 4kW |
| EUC2-63 | 690V AC | 63A | 32A | 11.6kW | 3.3kW |
| EUC3-40 | 500V AC | 40A | 25A | 28kW | 12kW |
| EUC3-63 | | 63A | 32A | 40kW | 15kW |
| EUC3-125 | 690V AC | 125A | 80A | 20kW | 6.5kW |
| EUC6-125 | | | | 70kW | 25kW |