EUROPA

Data Sheet
EDS1065-004

**This document must be retained for future reference.**

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 also be inspected periodically to ensure correct tightness.

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

# EUC7RC

## 1 Pole + Solid Neutral RCBO Type A 10kA 6-40A

### Features & Benefits

- Can be fitted upstream of a Type A or Type AC device
- Type A is also suitable for Type AC applications resulting to a wider range of installations which the RCBO can be used in
- Suitable for electric vehicle charging where any smooth DC fault current is less than 6mA

| Product Range | EUC7RC |
|---|---|
| Standard(s) | BS EN 61009-1, EN 61009-1 |
| Type | A |
| Characteristic Curve | B, C |
| Rated Current (In) | 6, 10, 16, 20, 32 & 40A |
| Rated Residual Operating Current IΔn | 30mA |
| Standard Tripping Time 1 x IΔn | ≤ 300ms |
| Standard Tripping Time 5 x IΔn | ≤ 40ms |
| Rated Voltage (Ue) | AC 230(240)V |
| Rated Frequency | 50/60Hz |
| Rated impulse withstand Voltage (Uimp) | 4kV |
| Number of Poles | 1 |
| Rated Short-Circuit Capacity (Inc) | 10kA |
| Operating Temperature | -25° to 40°C* |
| Altitude | Not exceeding 2000 metres |
| Humidity | Not exceeding 50% at 40°C and 90% at 20°C |
| Pollution Degree | 2 |
| Terminal protection | IP20 |
| Mounting | 35mm DIN Rail |
| Terminal Type | Pillar |
| Terminal Capacity | 1.0-16mm² |
| Recommended Terminal Torque (IN) | 2Nm |
| Recommended Terminal Torque (OUT) | 1.2Nm |

* Average not exceeding 35°C over a 24 hour period.
Note: Type A is suitable for Type AC applcations.
Type A is suitable where any smooth DC fault current is less than 6mA

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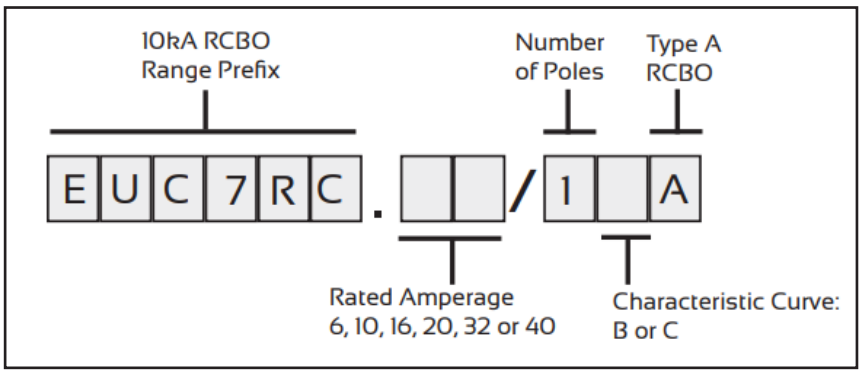
## Part Number Breakdown




## Examples:

**40A 1 Pole 30mA B Curve Type A >> EUC7RC.40/1BA**
**32A 1 Pole 30mA C Curve Type A >> EUC7RC.32/1CA**
**20A 1 Pole 30mA B Curve Type A >> EUC7RC.20/1BA**

## Dimensions