

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



EUB1RN

1 Pole + Sw. Neutral RCBO Type A 6kA 6-40A

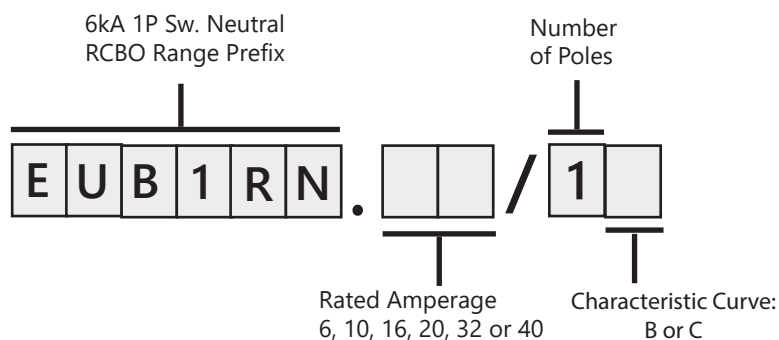
Features & Benefits

- Switched neutral- disconnects live and neutral for total isolation.
- 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.
- Bi-directional operation allows for use within PV and EV charging installations.
- No functional earth lead, easier to wire.



Product Range	EUB1RN
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 Protective Pole + Switched Neutral
Rated Short-Circuit Capacity (Inc)	6kA
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	1.5-10mm ² (16mm ² Flexible)
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 applications. Type A is suitable where any smooth DC fault current is less than 6mA.	

Part Number Breakdown



Examples:

40A 1 Pole + Sw. Neutral 30mA B Curve Type A >> EUB1RN.40/1B
 32A 1 Pole + Sw. Neutral 30mA C Curve Type A >> EUB1RN.32/1C
 20A 1 Pole + Sw. Neutral 30mA B Curve Type A >> EUB1RN.20/1B

Dimensions

