

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



## EUR1XX.30/2BCU

### 2 Pole 2 Module RCCB 10kA Type B

Type B RCCB for which tripping is ensured as for type A and in addition for smooth DC residual currents, residual DC currents which may result from rectifying circuits and high frequency AC residual currents.

R1B type B tripping conditions for frequencies up to 1KHz are defined.

- Protection in the event of continuous fault current on single phase networks generated by:
- controllers and variable speed drives
- battery charges and inverters
- backed-up power supplies
- Saves two ways



Product Range	EUR1
Standard(s)	BS EN 61008-1, BS EN 62423, EN 61008-1, EN 62423
Type	B
Rated Current (In)	25, 40, 63, 80A
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)/400(415)V
Rated Frequency	50/60Hz
Rated impulse withstand Voltage (Uimp)	4kV
Number of Poles	2
Rated Short-Circuit Capacity (Inc)	10kA
Operating Temperature	-5° 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	Tunnel
Terminal Capacity	1-25mm <sup>2</sup>
Recommended Terminal Torque	3.0Nm

\* Average not exceeding 35°C over a 24 hour period.

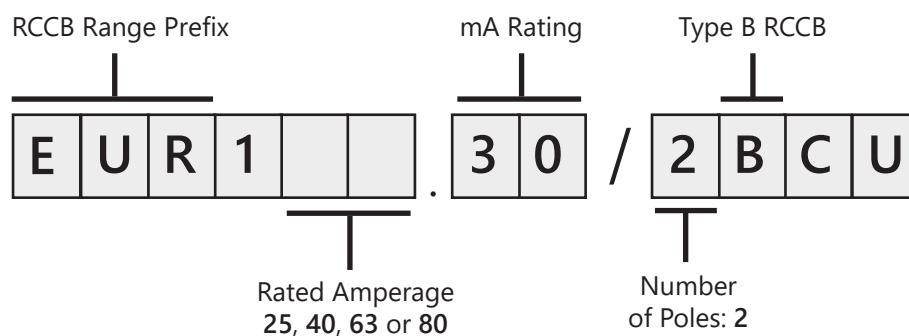
Note: Type B is suitable for Type AC, A and F applications.

Type B is suitable for residual AC current up to 1kHz superimposed on smooth DC currents, residual DC current superimposed on smooth DC current and where any smooth DC fault current is greater than 15mA.

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2 Pole 2 Module RCCB 10kA Type B

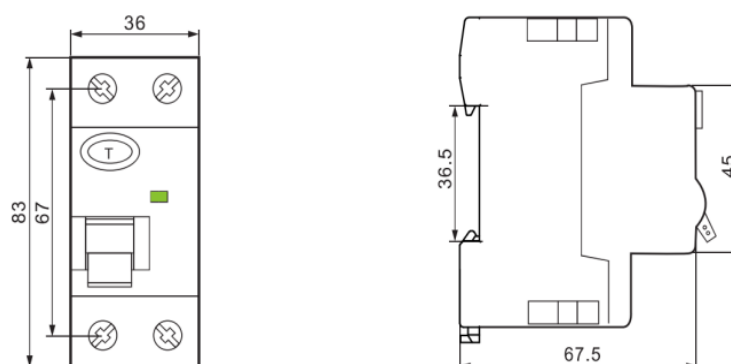
### Part Number Breakdown



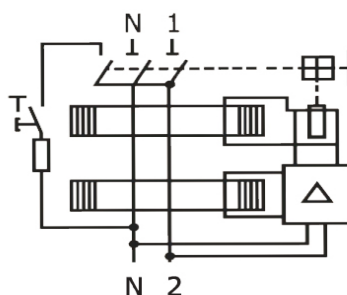
### Part Numbers:

- EUR125.30/2BCU
- EUR140.30/2BCU
- EUR163.30/2BCU
- EUR180.30/2BCU

### Dimensions



### Diagram



2P