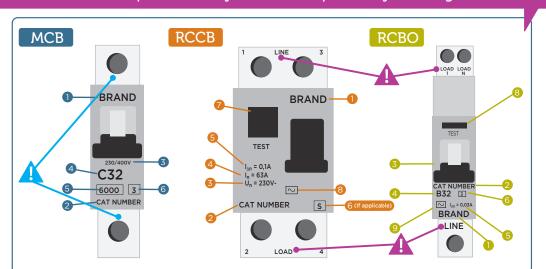
## CIRCUIT PROTECTION DEVICE SYMBOLS



Does the product carry all of the required key markings?



RCCB

4. Rated current

A or mA

1. Manufacturer's name or Trade mark.

2. Type, catalogue or serial number

delay) devices (if applicable)

7. The test button marked with letter T

Do you know and trust this name?

5. Rated residual operating current  $(I_{\Delta n})$  in

6. The symbol S in a square, for type S (time

3. Rated voltage(s): 230V or 400V or 230/400V

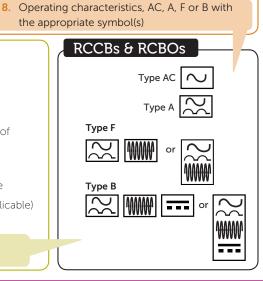
The following must be marked in a durable manner (some may be marked on the side of the device)

## MCB

- Manufacturer's name or Trade mark. Do you know and trust this name?
- 2. Type, catalogue or serial number
- **3.** Rated voltage(s): 230V or 400V or 230/400V
- Rated current without the symbol "A", preceded by the symbol of instantaneous tripping (Type B, C or D) e.g. B10, C32, D10
- 5. Rated short circuit capacity, in Amps within a rectangle (e.g. 6000, 10000)
- Energy limiting class as shown by the number 1 or 3 in a square

## RCBO

- Manufacturer's name or Trade mark. Do you know and trust this name?
- 2. Type, catalogue or serial number
- 3. Rated voltage(s): 230V or 400V or 230/400V
- Rated current without the symbol "A", preceded by the symbol of instantaneous tripping (Type B, C or D) e.g. B10, C32, D10
- 5. Rated residual operating current  $(I_{An})$  in A or mA
- 6. Energy limiting class as shown by the number 1 or 3 in a square
- 7. The symbol S in a square, for type S (time delay) devices (if applicable)
- 8. The test button marked with letter T
- 9. Operating characteristics, AC, A, F or B with the appropriate symbol(s)



**Unidirectional devices** are protective devices where it is intended by the manufacturer that a source of supply is <u>only connected to one defined set of</u> <u>connection terminals</u>. These devices will be marked **'LINE'** and **'LOAD'** or **'IN'** and **'OUT'** or have **directional arrows**. The markings must be followed to avoid the protective function of the device becoming damaged and for compliance with BS 7671 (Regulation 134.1.1).

**Bidirectional devices** are protective devices where it is intended by the manufacturer that a source of supply is connected to **either or both** sets of connection terminals. These devices are readily available for applications where power flow can exist in different directions, such as for Prosumer Installations, Solar PV Systems, Vehicle to Grid, Vehicle to Home or where Battery Storage Systems are used. These devices **will not be marked** 'LINE' and 'LOAD' or 'IN' and 'OUT' or have DIRECTIONAL arrows.

If you have any concerns or suspicions about the authenticity and/or the claims being made in respect of the product, the following courses of action should be considered in order to safeguard your customers and your business. Ask your supplier for documentary evidence of compliance. Check with relevant test authorities, where appropriate.

## Contact BEAMA on 0207 793 3020 or info@beama.org.uk or visit beama.org.uk