ⓘ Please leave these instructions with the end user for future reference.

Europa components | 13A **RCD** Safety Socket Outlets

Technical specifications



RoHS Compliant CE

- **RCD Type: Latching Pin**
- **Voltage Rating: 240V AC**
- **Current Rating: 13A**
- **Rated Tripping Current: 30mA**
- **Breaking Capacity: 250A**
- **Short Circuit Withstand: 1500A**
- **Ambient Operating Temp: - 5°C to + 40°C**
- **Operating Speed <40mS**
- **Contact Break: Double Pole**
- **Specifications: RCD BS7288 & Socket BS1363**
- **Minimum Box Depth: 25mm**
- **Fixing Screws: M3.5 x 37mm**
- **Cable Capacity: 5 x 2.5mm², 2 x 4mm², 1 x 6mm²**

ⓘ Important notice to installers:

Before installation work starts the operating instructions should be read and understood.
If you need technical assistance please contact the manufacturer at the address shown on this leaflet.
Installation of this unit should only be undertaken by a skilled electrician working to the standards set by the latest edition of the IEE wiring regulations.

ⓘ General Information: These products are designed to mount on flush metal boxes to BS4662 or moulded plastic surface mounting boxes to BS 5733. The RCD devices provide protection against electric shock, in the event of a fault developing within the appliance or an accident such as cutting through the mains lead. The double pole device within the unit provides complete isolation from the mains when tripped. The sockets have been designed for storage and use between -5°C and +40°C and at an altitude of no greater than 2000 metres above sea level. The RCDs latching pin design means that closed contacts will not open automatically if there is an interruption in the mains supply. To ensure long life and the efficient working of these products they should not be subjected to mistreatment or abnormal conditions such as smoke, chemical fumes, salt spray or long term humidity.

ⓘ Operation: The RCD socket should be tested each time before use. **Testing Procedure:**

- Remove appliance plugs from sockets.
- If the red signal flag is not visible in the status window, press the dark green (Reset) button.
- The red flag should appear in the status window. If the red flag does not appear it may mean that there is no mains supply fed to the socket. If the mains supply is being fed to the socket and the red flag does not appear, **DO NOT USE** - See the **Safety Notes** below.
- Press the blue button (Test). The red flag should dissapear. If the red flag remains visible **DO NOT USE** - See the **Safety Notes** below.
- Reset the device by pressing the dark green (Reset) button. The red flag should re-appear in the status window.

⚠ Safety Notes:

- If the device does not properly operate in the way described in the test procedure above **DO NOT USE** - it is likely the RCD is faulty and should be returned.
- No attempt should be made to repair the RCD socket. The units are sealed to prevent tampering and any damage to this seal will invalidate the guarantee.
- This RCD has been designed for storage and use between -5°C and +40°C, with an average value not exceeding +35°C measured over a 24hr period and at an altitude no greater than 2000m above sea level.
- Care should be taken not to subject the RCD safety socket to abnormal pollution from smoke, chemicals, flammable fumes, salt-laden spray, prolonged periods of high humidity, immersion, repeated dropping or other abnormal conditions.
- Electricity is dangerous and an RCD must not be used as a substitute for normal precautionary measures. Always unplug from the mains supply before any inspection or repair to equipment. Do not allow children to tamper with electrical devices.
- Please refer to Europa Components or a qualified competent electrician if the RCD repeatedly trips with an appliance connected or if it should fail to trip when tested in accordance with the instructions.

ⓘ Using the RCD Socket:

- Insert the plug (s) of the appliance (s) you wish to use .
- The RCD socket should remain set and the appliances should work normally. The red flag will remain visible in the status window. If the action of plugging in the appliance causes the device to trip (the red flag will dissappear from the window), it is likely that there is a fault with the appliance. Consult a qualified competent electrician **(See the following note)**.

Note: The circuit to which the RCD socket is connected, maybe protected by another backup RCD somewhere else in the circuit. In the event of a fault developing, the backup RCD may trip before the RCD socket.

13A **RCD** Safety Socket Outlets

ⓘ RCD Installation Instructions :

Switch off the mains supply and remove the appropriate fuse or switch off the appropriate circuit breaker before commencing installation. Ensure that no one else has access that would enable the supply to be inadvertently reconnected.

These accessories must only be installed by a competent person and in accordance with the current edition of the IEE wiring Regulations (BS 7671: Requirements for Electrical Installations) and any applicable statutory regulations.

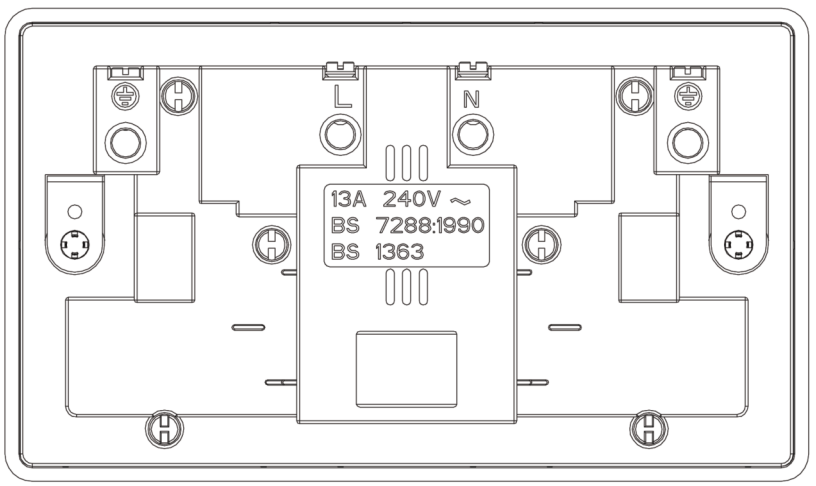
NOTE: IF YOU ARE IN ANY DOUBT ON HOW TO PROCEED, CONSULT A QUALIFIED ELECTRICIAN.

Th RCD sockets can be installed in the same manner as a conventional socket into any (BS4662) flush metal box of suitable depth (25mm min) or any moulded surface box to BS5733 of suitable depth (according to the relevant number of gangs ie: 1 gang or 2 gang).

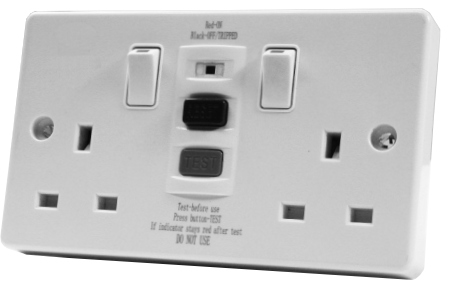
The RCD socket can either be used on a ring circuit, in which case there will be a pair of twin and earth cables entering the box, or a spur, which will only have one twin and earth cable entering the box. All the individual insulated wires should have 15mm of insulation removed from the free ends. In all cases the bare ends of the Live conductors should be secured firmly into the live terminal (marked L), and the bare ends of the Neutral conductors should be secured firmly into the neutral terminal (marked N). The bare earth wires should be sleeved with green and yellow PVC sleeving up to 15mm, from the free ends and the bare ends secured into the earth terminal (marked ⏚).
Connect a short length of wire from the accessory earth terminal in the wall box. If the earth wire is bare it should be sheathed with a length of green / yellow sleeving.

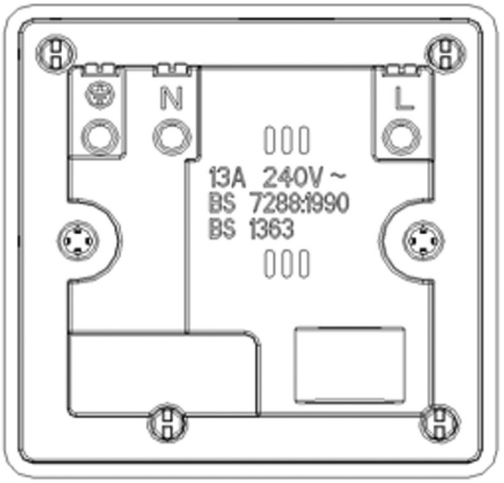
The socket is then gently pushed into the box ensuring the wires are formed to lie in the box out of the way of the socket. The socket is retained in the box by means of the two 3.5mm screws provided. These are passed through the mounting holes of the socket and screwed into the box lugs.
Tighten sufficiently to hold the socket against the wall (or the front of a moulded box), ensuring the screws are not over-tightened.

⚠ **WARNING!** - Please note that RCD sockets should be dis-connected from the circuits prior to carrying out any insulation tests.



← Rear View
RCD13ASS





← Rear View
RCD13A1GS



RoHS Compliant

CE

Europa House
Airport Way
Luton, Beds, LU2 9NH
Tel: 01582 692 440 / Fax: 01582 692 450
e-mail: sales@europacomponents.com
website: http://www.europacomponents.com

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Europa components

RCD13AMC 13A RCD Safety Socket Outlets

ⓘ RCD13AMC Technical specifications



RoHS Compliant CE

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- **Voltage Rating: 240V AC**
- **Current Rating: 13A**
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- **Breaking Capacity: 250A**
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RCD13AMC 13A RCD Safety Socket Outlets

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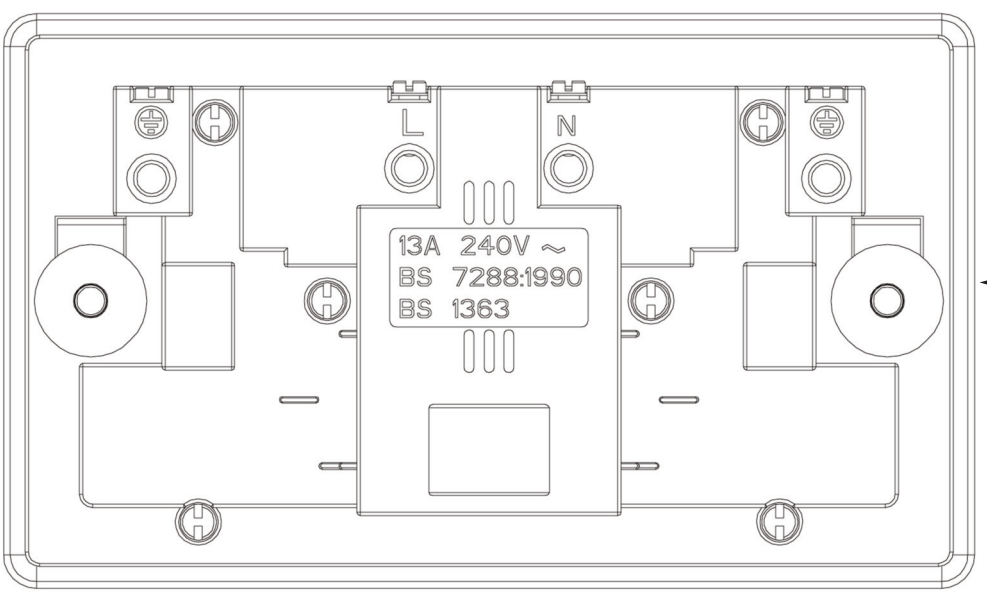
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Rear View
RCD13AMC



RoHS Compliant

CE

Europa House
Airport Way
Luton, Beds, LU2 9NH
Tel: 01582 692 440 / Fax: 01582 692 450
e-mail: sales@europacomponents.com
website: http://www.europacomponents.com