



APPLICATION GUIDE
RCD Switched Socket

CAT. NO.
E8215DRCE
E82T25DRC

Pieno

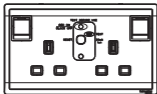
Thank you for choosing **Schneider Electric** Pieno's electronic accessories. To ensure proper application of our products, please read through the following information before installation and use .

This application guide applies to the following products.



Cat.no.
E8215DRC

Description
13A 250V 1 Gang Double Pole
Switched RCD Socket



E82T25DRC

13A 250V Twin Gang Double Pole
Switched RCD Socket

SPECIFICATIONS

Rated Voltage	: 250V~
Rated Current	: 16A - RCD Protected Circuit 13A - Socket Outlet
Max Tripping Current	: AC & Pulsating DC 30mA
Average Trip Time	: 30ms
Operating Temp.	: -5 to 40°C
Dimension	: E8215DRC - 87mm x 87mm E82T25DRC - 87mm x 147mm
Mounting Centre	: E8215DRC - 60.3mm E82T25DRC - 120.6mm
Compliance	: BS7288

FEATURES

The RCD socket is an electronic sensing device which constantly monitors the balance of current flow between phase and neutral from any permanently connected appliance or socket outlet wired to the unit which has an appliance plugged into it.

Should your body contact live parts of this appliance, an imbalance is sensed by the RCD socket and the supply automatically switches off before current reaches a fatal level. Use of an RCD socket does not eliminate the need for basic electrical safety precautions.

This product will remain unaffected by loss of power supply.

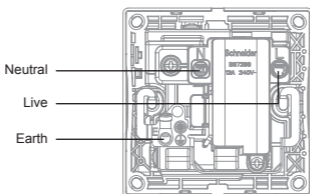
IMPORTANT NOTE

1. The products must be installed by qualified electricians.
2. Please check your local wiring regulations before installation.
3. Safekeeping the faceplate to prevent damage during product installation.
4. Turn off the power supply when you clean the product. Use a soft, slightly-moistened cloth or tissue paper to wipe off the dust and dirt on the surface. Clean with much diluted detergent if necessary but avoid using corrosive chemicals.
5. The RCD socket is designed as a protection device to protect you from electrical faults, do not use the RCD socket as an on/off switch. Basic electrical safety precautions should always be taken.
6. The RCD socket is designed for wiring to socket outlets for use with frequently plugged in appliances such as power tools, kitchen appliances and vacuum cleaners or permanently connected appliances, etc.

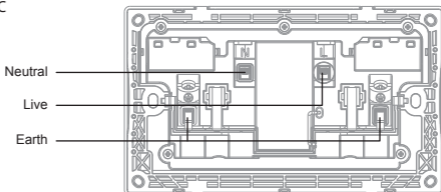
7. The RCD socket is designed to be used under the following conditions:
 - I. Temperature range of -5°C to 40°C .
 - II. Below 2000m above sea level.
 - III. Conditions which are free from pollutants, smoke, chemical or flammable fumes, salt-laden spray, prolong exposure to high humidity and any other abnormal factors.
8. It is normal for the front panel of RCD socket to be slightly warm during use.
9. The RCD socket does not protect you against an electrical shock caused by contact with both Phase & Neutral of the electrical circuit.
10. Any appliance connected to the RCD socket must be unplugged or disconnected before any inspection or repair is attempted on the appliance.
11. If the RCD socket does not trip during the test or trips during use, please contact or return to point of purchase for advice.
12. Ensure MCB or HRC fused rated at 16A max are installed in your distribution board to prevent damage to the RCD socket as it does not provide protection against overload.
13. The RCD socket includes double pole switching to give added safety.

WIRING DIAGRAMS

E8215DRC



E82T25DRC



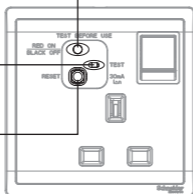
TEST INSTRUCTION

- 1) Press "RESET" button and check the indicator's change from BLACK to RED.
- 2) Press "TEST" button and check the indicator's change from RED to BLACK (if the RCD socket fail the above test, do not use and return to point of purchase).
- 3) Press "RESET" button to activate the RCD socket and operate appliance or tools as normal.

RCD must reset when
Reset Button pressed

RCD must trip when
Test Button pressed

RCD must trip between
15.5mA and 28mA

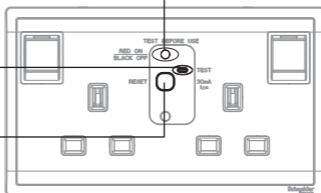


E8215DRC

RCD must reset when
Reset Button pressed

RCD must trip when
Test Button pressed

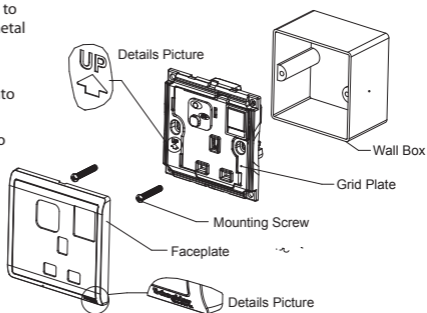
RCD must trip between
15.5mA and 28mA



E82T25DRC

MOUNTING INSTRUCTION

1. Connect the wires to the terminals (recommend to leave 10-12mm bare metal wire) and tighten the terminal screws.
2. Screw the grid plate onto the wall box.
3. Snap the faceplate onto the grid plate.



Insert a screwdriver into the clip lock, and twist the screwdriver to remove the faceplate.

