LGRCD-3
LGRCD-6

RCD Protected Fused Spur - Type A 30mA

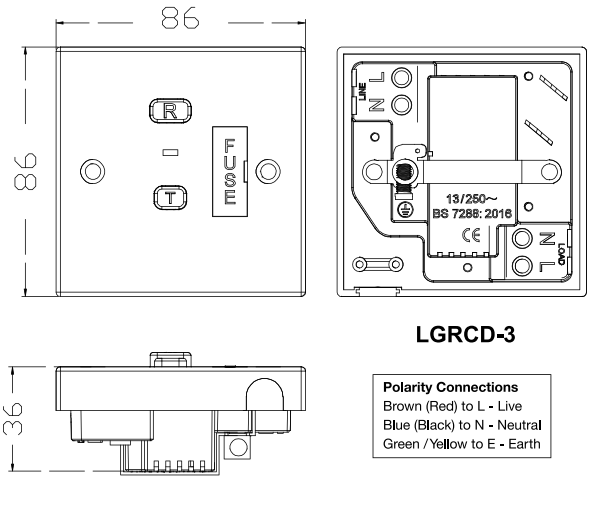
Safety First:
These instructions contain important information regarding safety. They should be read carefully before commencing installation and should be retained for future reference. The company will not accept responsibility for any injury, damage or loss which may arise due to incorrect installation, operation or maintenance due to non-adherence to these instructions. This RCD fused spur must be installed, commissioned and maintained by a qualified electrician, in accordance with the current edition of the IEE Wiring Regulation for Electrical Installations. An RCD fused spur must not be used as a substitute for normal precautionary measures.
RCD devices provide protection against electric shock in the event of a fault developing within the appliance powered by the RCD socket or an accident such as cutting through the mains cables. This double pole RCD device will trip and provide complete isolation to the mains. These devices are fully tested and comply to the latest standards BS7288:2016+A1:2022 and BS1363-4. These RCD devices are designed with a mechanical latch, therefore no resetting is required after a power loss.

Features
- Integrated RCD Protection
- Type A RCD 30mA
- Double pole RCD contact break
- Conforms to latest BS7288:2016+A1:2022
- Mechanical latch - no resetting required after power loss
- Instant power isolation against electrocution (<40mS)
- Red and green status indicator (ON / OFF)

Installation Notes
Ensure the electrical supply is switched off and locked off (i.e. fuse removed) before starting work.
1. Do not perform any maintenance work on the RCD fused spur whilst live - disconnect from mains electricity supply.
2. To ensure a safe installation: this product should be installed by a competent person (e.g. a qualified electrician) in accordance with these instructions and the appropriate clauses of the current edition on the IEE Wiring Regulations (BS 7671). It is essential that all connections are made as instructed, that cables are not stressed and that terminal screws are fully tightened. All fused spurs must be earthed and the earth leads adequately sleeved.
3. Ensure that all electrical connections are correct and fully secured and that the product is screwed securely to it's mounting box before turning the mains electrical supply on.
4. Please ensure that the wires are formed to lie in the back box (surface mounted / recessed or moulded) out of the way of the fused spur. The fused spur is retained in the back box by means of the two 3.5mm screws provided. These are passed through the mounting holes of the fused spur and screwed into the back box lugs. Tighten sufficiently to hold the fused spur against the wall (or the front of a moulded box) ensuring the screws are not over-tightened.
5. To prevent fire hazard do not exceed the maximum rated current of the fused spur.

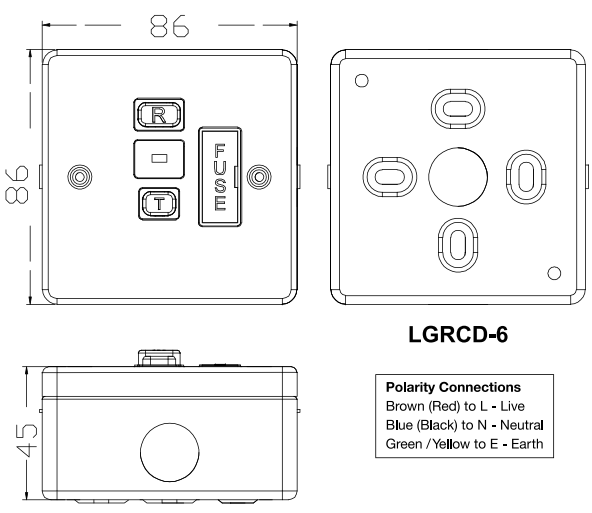
Products
- LGRCD-3 13A fused RCD connection unit white, (passive/latching) Type A
- LGRCD-6 13A fused RCD connection unit metal clad (passive/latching) Type A

Diagrams



LGRCD-3

Polarity Connections
Brown (Red) to L - Live
Blue (Black) to N - Neutral
Green / Yellow to E - Earth



LGRCD-6

Polarity Connections
Brown (Red) to L - Live
Blue (Black) to N - Neutral
Green / Yellow to E - Earth

Test Procedures
Please carry out this simple test procedures prior to each use:
1. Press reset (R) button.
2. Window indicator will turn red.
3. Press test button (T)
4. Window indicator will turn green. This means the RCD has tripped successfully.
5. To reset - press reset (R) button and use as a normal spur.

Safety Note: If the window returns to green once the fused spur has been reset and appliance has been wired securely to the fused spur, this may mean that the appliance or the cable lead is faulty, and should be checked by a qualified electrician or returned to from where it was purchased.

Operation
1. Press RESET to switch on the appliance(s) you wish to use.
2. The RCD fused spur should remain set and the appliances should work normally.
3. The red flag will remain visible in the status window. If the action of RESET / Switch on the appliance causes the device to trip (the red flag will disappear from the window) it is most likely there is a fault with the appliance. Consult a qualified electrician.

Note: The circuit to which the RCD fused spur is connected may be protected buy another backup RCD upstream somewhere else in the circuit. In the event of a fault developing, the backup RCD may trip before the RCD fused spur.

Technical Data

• Rated Voltage (V)	250V~	• RCD Type	A
• Rated Frequency (Hz)	50Hz	• Tripping Speed	<40mS
• Rated Current (A)	13A	• RCD Contact Break	2 Pole
• Rated Residual Operating Current (mA)	30mA	• Latching	Mechanical
• Rated Residual Non-operating Current (A)	15A	• Ambient Operating Temperature	-5°C to 40°C
• Rated Short Circuit Breaking & Making Capacity (A)	250A	• Ingress Protection	IP20
• Rated Short Circuit Current (A)	1500A	• Suitable Minimum back box depth (mm)	35mm

Maintenance & Inspection
1. This RCD spur has been designed to operate between -5°C and 40°C with an average value not exceeding 35°C measured over a 24hr period, and at an altitude not greater than 2000m above sea level.
2. No attempt should be made to repair the RCD fused spur. The unit(s) are sealed and any damage to this seal will invalidate the guarantee (which is 1 year).
3. Care must be taken not to subject this RCD fused spur to abnormal pollution by smoke, chemicals or flammable fumes, salt-laden spray, prolonged periods of high humidity, immersion, repeated dropping or other abnormal conditions.
4. Always reset by pressing the TEST button to switch off from mains supply before any inspection or repair to equipment.
5. Seek advice from the manufacturer, responsible vendor, or a competent electrician if the RCD device repeatedly trips with an appliance connected or if it should fail to trip when tested in accordance with the instructions.

Disposal Information
Should you want to dispose of this item please do not put it with the household waste. Used electrical and electronic equipment and batteries must be made available for separate collection. Electrical products may contain toxic materials such as lead or cadmium. Separate collection allows materials to be recovered and recycled. Private households may return their used electrical and electronic equipment to designated collection facilities free of charge. Facilities are usually available at the municipal waste site, your electrical retailer, or your local authority may provide separate collection from the household. By disposing of this product correctly you will be providing positive help to the environment.

SAFETY FIRST
• BEFORE STARTING ANY ELECTRICAL WORK ALWAYS SWITCH OFF AT THE MAINS
• IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN

Get Switched On

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