



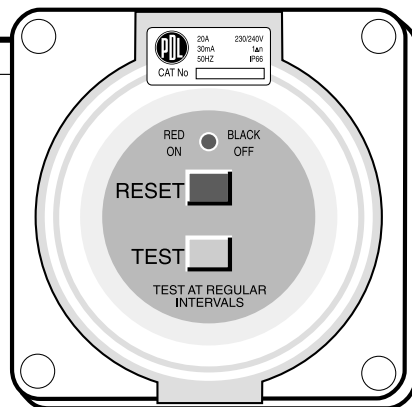
# PDL RESIDUAL CURRENT DEVICE (RCD)

Installation and consumer operating instructions for 56 Series RCDs.

## FEATURES

Your PDL RCD 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 and the supply automatically switches off before current has time to fatally injure. Use of a RCD does not eliminate the need for basic electrical safety precautions.

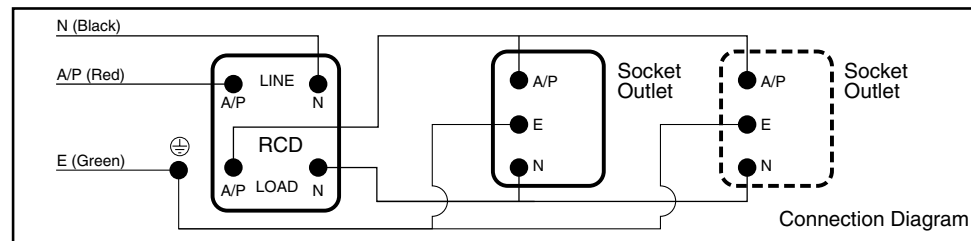


## IMPORTANT NOTES

- Your RCD is designed to protect you against electrical faults to Earth.
- Your RCD is designed for wiring to socket outlets for use with frequently plugged in appliances such as power tools, process machinery and catering equipment or permanently connected appliances, etc.
- Your RCD is designed as a protection device, therefore DO NOT use as an on/off switch.
- It is normal for the front panel of your RCD to be slightly warm during use.
- RCD devices do not protect you against an electrical shock caused by contact with both Phase & Neutral of the electrical circuit.
- Any appliance connected to an RCD unit MUST be unplugged or disconnected before any inspection or repair is attempted on the appliance.
- If your RCD does not trip during the test or trips during use, please contact a qualified service agent for advice.
- Ensure that 20A max MCB or HRC fuses are installed in your distribution board to prevent damage to your RCD as it does not provide protection against overload.
- Your RCD includes double pole switching to give added safety against faulty wiring.

## INSTALLATION INSTRUCTIONS

Before wiring, ensure the supply is disconnected at the distribution board and study the connection diagram before terminating wires. Be careful not to connect the supply line to any terminal other than indicated in the diagram and on the product. For your RCD to give protection, the supply must be wired to the LINE A/P, N. If another socket outlet is to be protected down stream of the RCD it must be connected to the LOAD A/P, N and E on your RCD.



For full IP66 applications ensure all screws are covered with the appropriate caps supplied. Conduit entries may require sealing due to condensation. Suitable silicone sealant: Dow Corning RTV-732 or 780 Roof & Gutter Sealant or Ramset RBC 833.

**Warning: Use only recommended silicone sealants**

## TEST INSTRUCTIONS

- 1/ Press RESET button. Check the indicator has changed from BLACK to RED.
- 2/ Press TEST button. Check the indicator has changed from RED to BLACK (if your RCD fails the above test, **DO NOT USE** and contact a qualified agent).
- 3/ Press RESET button to activate your RCD and operate appliance or tool as normal.

## SPECIFICATIONS

Rating:.....	230–240V a.c. 50Hz	Protection .....	IP66
Rated current:.....	20A	Operating temp:.....	–10 to 40°C
Maximum load:.....	4800W	Dimensions:.....	100 x 100 x 75mm
Max tripping current AC & pulsating DC:.....	30mA	Type tested to:AS/NZS3100, AS/NZS3190	
Average trip time:.....	30ms	AS/NZS3175 Clause 9.21, Type A	
		Residual Current Devices	

## PRODUCT WARRANTY/12 MONTHS

The PDL Cat 56RCD has a 12 month warranty from the date of purchase providing the unit is installed according to these instructions, local wiring regulations and Codes of Practice. This warranty is void on any unit which has been tampered with, damaged by accident, improper operation or incorrect installation. This guarantee is in addition to, and does not in any way affect the rights under the Consumer Guarantees Act 1993, if the ACT applies to the supply of this product and you are not acquiring the product for a business use. If the ACT applies and any term is inconsistent with the terms or requirements of the ACT that term shall be invalid without affecting the remaining terms of the warranty.

Note: Under the CGA 1993, Schneider Electric advises that this product does not contain user serviceable components thus spare parts and repair facilities are not available.

In the event of a warranty claim, the product must be returned to the point of purchase or direct to Australia/New Zealand distributors together with the proof of purchase.

NZ Patent No 280909. Australian Patent No AUS 694280, AUS 665551.



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