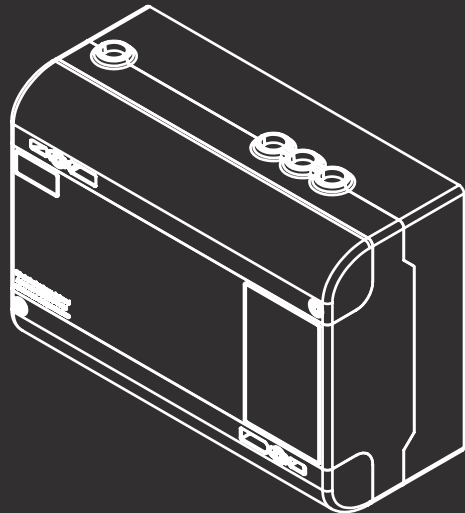
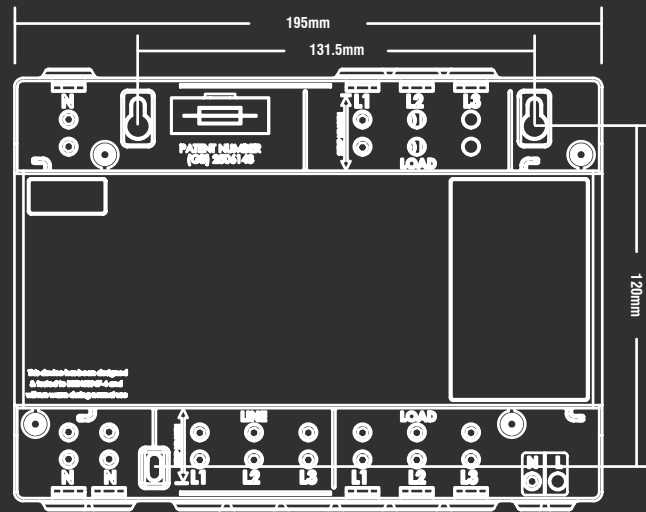
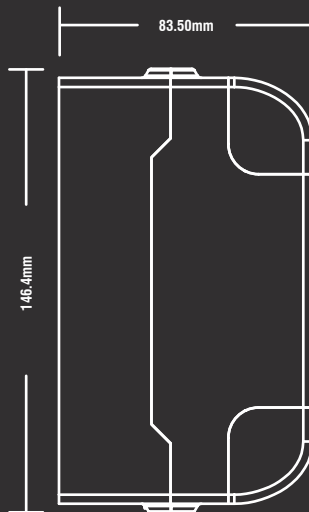




PCIL008-V1

Proteus Switchgear - Consumer Unit Division:  
01527 517117 or email us at [cons@proteusswitchgear.co.uk](mailto:cons@proteusswitchgear.co.uk)



**PROTEUS**  
®

# HEATING CONTACTORS

## INSTALLATION INSTRUCTIONS

POWERUP

## NOTES ON INSTALLATION

This product should be installed, commissioned and maintained by, or under supervision of a skilled person, electrically in accordance with current electrical engineering codes of practice, IEE regulations for Electrical Equipment for Buildings, Statutory requirements and any specific instructions by either Proteus Switchgear.

After completing the installation and testing of this product it is essential that this leaflet is drawn to the attention of the person responsible for its future operation and maintenance and at all times available for reference.

This product **MUST** be disconnected from the power supply during installation and maintenance.

Ensure that this product is installed in the correct orientation with all covers secured in place, ensure that **ALL** current carrying connections are tightened to the specified torque level. (See table).

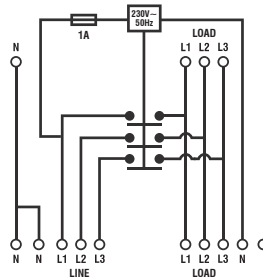
This product is fitted with a magnetic solenoid and utilises semi-conductor rectification and the control circuit must **NEVER** be subjected to high voltage insulation testing (Megger) across the control circuit terminals.

## CONTACTOR SPECIFICATION

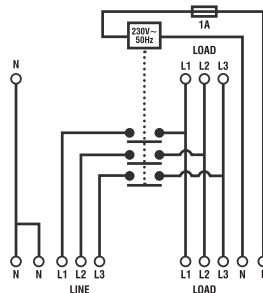
|                               |                        |
|-------------------------------|------------------------|
| CURRENT RATING                | 100A                   |
| VOLTAGE                       | 400V AC                |
| UTILISATION CATEGORY          | AC1                    |
| IP RATING                     | IP3X                   |
| NO. OF POLES                  | 4 (LIVE + NEUTRAL)     |
| TERMINAL CAPACITY (IN)        | 35mm <sup>2</sup> MAX. |
| TERMINAL CAPACITY (OUT)       | 35mm <sup>2</sup> MAX. |
| L/N CONTROL TERMINAL CAPACITY | 6mm <sup>2</sup> MAX.  |
| MAIN TERMINAL TORQUE          | 3-5NM                  |
| CONTROL TERMINAL TORQUE       | 1.5-2NM                |

## GENERAL WIRING SPECIFICATION

EHC3

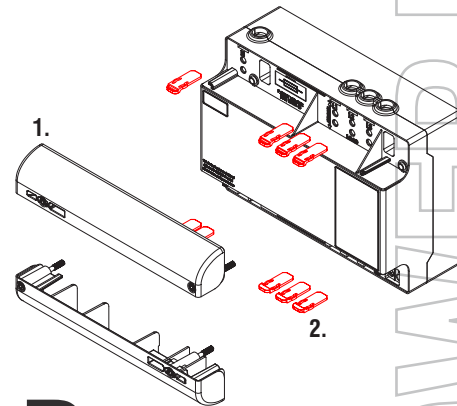


EHC3L



## FITTING SPECIFICATION

1. Remove terminal covers to access all terminals.
2. Remove red terminal blank from the required L (OUT) terminal as required.



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