

HNS010RL OWNER'S MANUAL



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3-WIRE
SUITABLE FOR FANS,
MOTORS OR IRON
CORE BALLASTS

1. FEATURES

- Boosts the current capacity of a circuit controlled by an external switching device, such as CABAC 3-wire S-Click products HNS440TM, HNS450TM and HNS460SW to 10A.
- Compatible with a wide range of popular switch wall plates and accessories.
- Cable tie mounting feature, for alternative in-wall installation.

2. OPERATING CONDITIONS

- Operating Voltage: 230 – 240V a.c. 50Hz
- Operating Temperature: 0 to +50 °C
- Compliance Standard: CISPR15, AS/NZS 3100
- Maximum Current Capacity 10A, 6AX

3. LOAD COMPATIBILITY

Incandescent	✓
240V Halogen	✓
Fluorescent Tube with electronic ballast	✓
Fluorescent Tube with iron core ballast	✓
Compact Fluorescent	✓
Electronic Transformer	✓
LED	✓
Wirewound Transformer	✓
Fan Motors	✓
Heating Elements	✓

NOTE: Operation at temperature, voltage or load outside of the above specification may cause permanent damage to the unit.

Note: This manual was correct at the time of manufacture. For the latest version of the manual and any technical or safety updates refer to the website:- cabac.com.au, cabac.co.nz or scan the QR code with a mobile phone.

4. OPERATION

The HNS010RL must be controlled by a compatible external switching device such as the Cabac 3-Wire S-Click range products (HNS440TM, HNS450TM or HNS460SW) using the control inputs. The HNS010RL cannot be used as a standalone switch. Either one of the control inputs must be connected to Neutral output and the other connected to the Load output of the HNS440TM, HNS450TM or HNS460SW, see diagram below.

The wiring diagrams below show how to configure the HNS010RL for Normally Open (load normally OFF) and Normally Closed (load normally ON) applications.

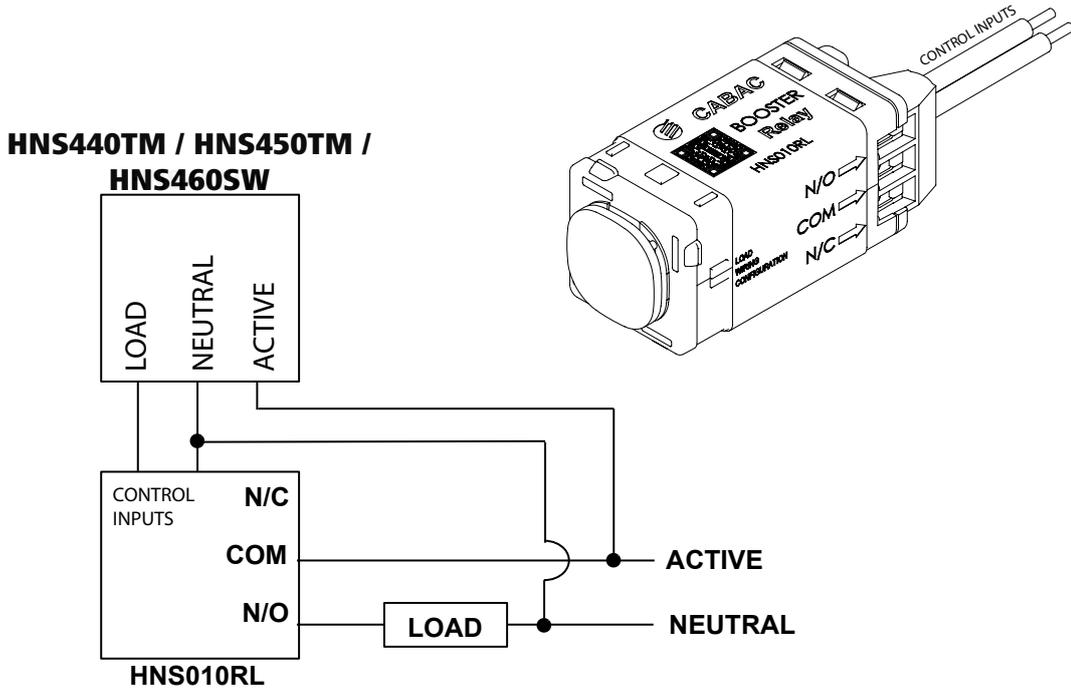


Figure 1: Normally Open Wiring Diagram (load normally OFF)

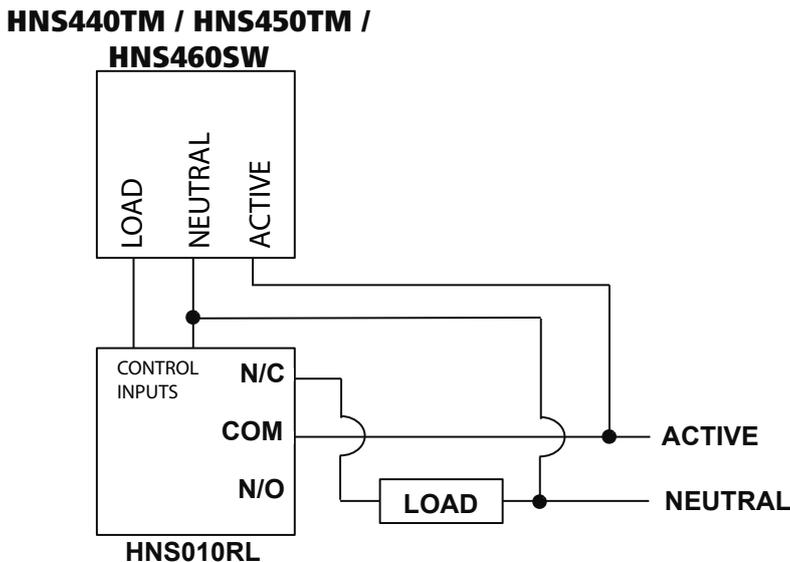


Figure 2: Normally Closed Wiring Diagram (load normally ON)

CAUTION: If the control input power is cut to the HNS010RL when the LOAD is wired in the Normally Closed (N/C) configuration, the power to the LOAD will remain ON.

5. ASSEMBLY / INSTALLATION

5.1 FRONT COVER

- A front cover must be fitted at all times to the HNS010RL to ensure safe installation.
- Choose the appropriate front cover for the wall plate (front covers to fit suitable Clipsal and HPM wall plates are enclosed).
- Fit the front cover to the front of the HNS010RL as shown in Figure 3.

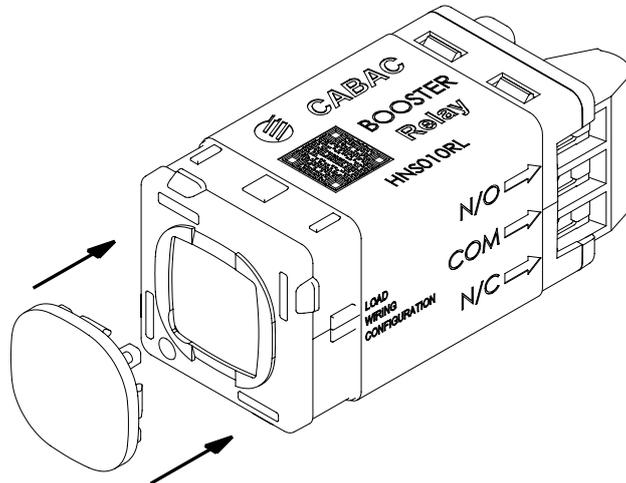


Figure 3: Front cover assembly.

5.2 WALL PLATE INSTALLATION

- Mount the HNS010RL (with front cover attached) to the chosen dual wall plate, alongside the controlling external switching device (e.g. HNS440TM, HNS450TM or HNS460SW), as shown in Figure 4.

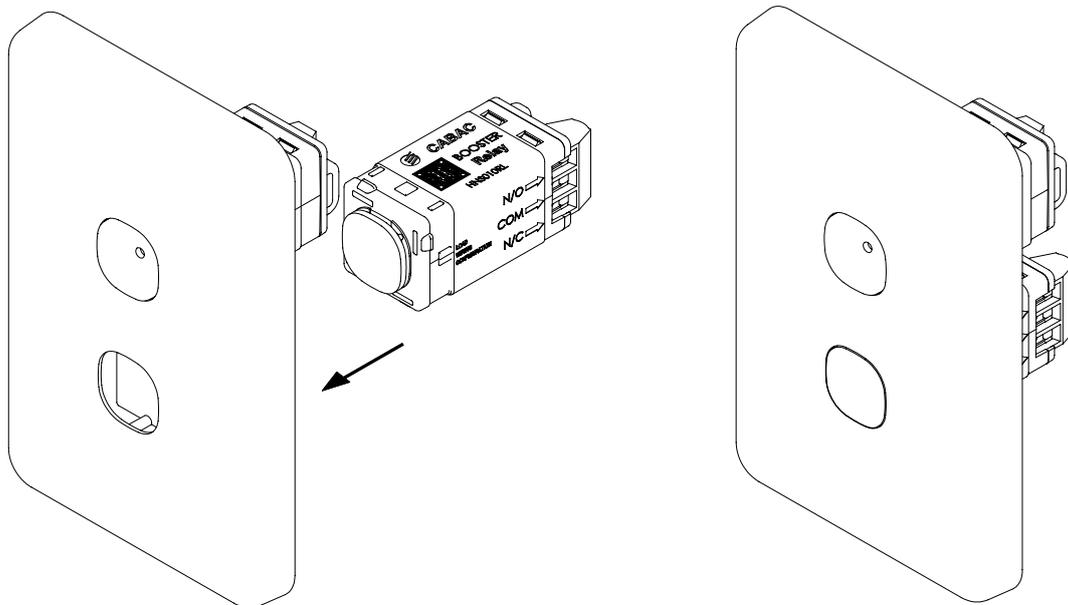


Figure 4: Wall plate installation.

5. ASSEMBLY / INSTALLATION (CONT.)

5.3 IN WALL INSTALLATION

- Using the cable tie feature of the HNS010RL, the unit can be mounted in-wall if required.
- Figure 5 shows an example of how the HNS010RL may be mounted in-wall by using the cable tie feature of both the HNS010RL and the Cabac 3-Wire S-Click range products (e.g. HNS440TM, HNS450TM or HNS460SW).

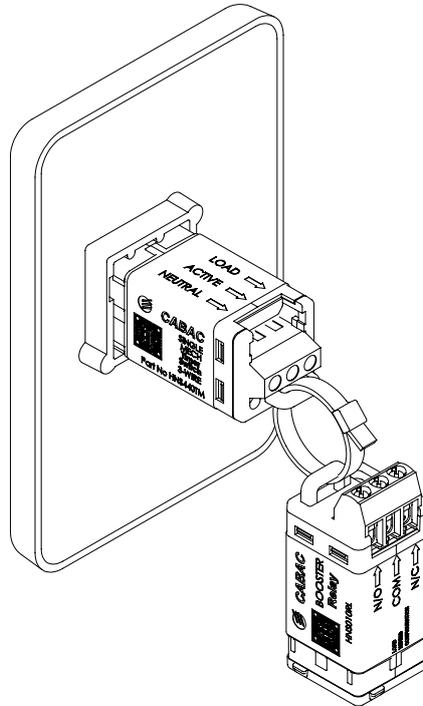


Figure 5: In wall installation.

6. IMPORTANT SAFETY WARNINGS

6.1 INSTALLATION

- The HNS010RL is to be installed as part of a fixed wire electrical installation. By law, such installations must be made by an electrical contractor or similarly qualified person. Avoid excessive force during installation.

6.2 CLEANING

- Clean only with a damp cloth. Do not use abrasives or chemicals.

7. WARRANTY AND DISCLAIMER

CABAC warrant the product against manufacturing and material defect from the date of invoice to the initial purchaser for a period of 12 months. During the warranty period CABAC will replace products that proved to be defective where the product has been correctly installed and maintained and operated within the specifications defined in the product data sheet and where the product is not subjected to mechanical damage or chemical attack. The warranty is also conditional that the unit being installed by a licensed electrical contractor. No other warranty is expressed or implied.

CABAC shall not be liable for any direct, indirect, incidental or consequential damages.

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