

2000FRL

Flush Mounted Delay Off Timer Relay

Class

1

IP

20



FEATURES

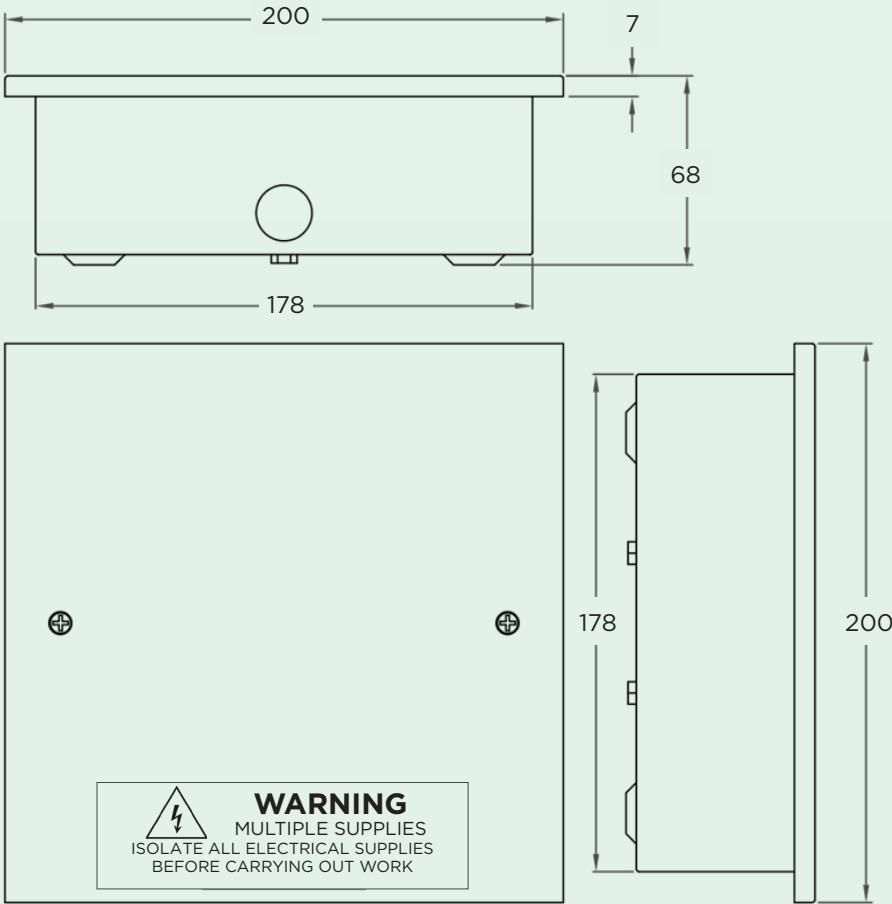
PRODUCT CODE	MOUNTING STYLE	APPROX. WEIGHT	OPERATION	TIMER RELAY DELAY RANGER (t) SECONDS	TIMER COIL INRUSH CURRENT	MINIMUM TIMER COIL POWER ON PERIOD	TIMER RELAY RESET TIME	SUPPLY VOLTAGE
2000FRL	FLUSH MOUNTED	1.0 KG	TRUE OFF DELAY TIMER (DELAY ON RELEASE)	0.5 - 10 SECONDS FACTORY SET AT 2 SECONDS	1.3A	500mS	200mS	220-240V AC 50/60Hz

WARNING



FULLY ISOLATED ALL ELECTRICAL SUPPLIES BEFORE
CARRYING OUT ANY WORK ON THIS LUMINAIRE

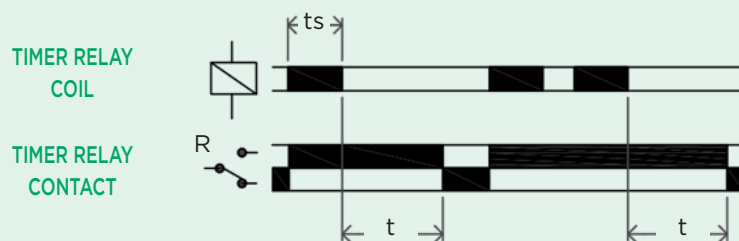
DIMENSIONS



IMPORTANT-SAFETY

Before carrying out any servicing on this luminaire, ensure that the mains supply is fully isolated.
Disconnect luminaire before insulation testing of the installation.

RELAY FUNCTION DIAGRAM



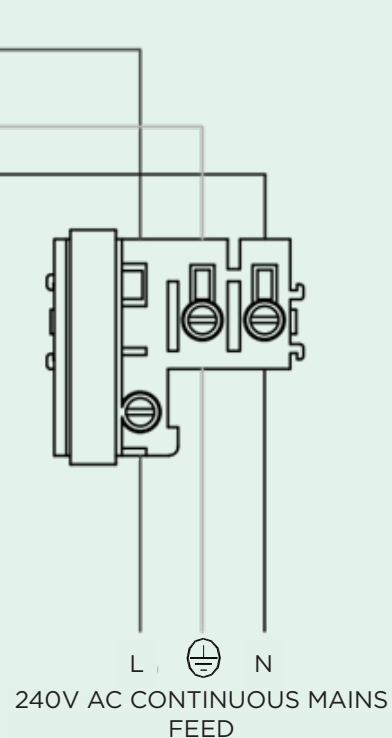
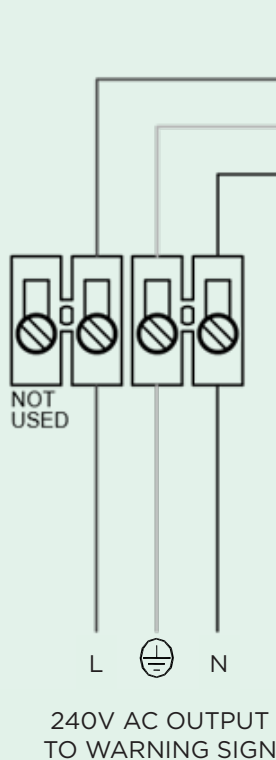
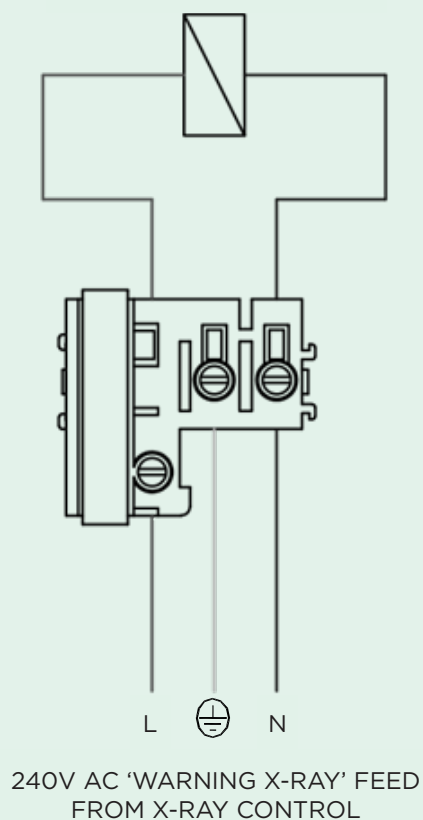
t_s = Minimum time supply must be maintained (500mS).

t = Delay time.

CONNECTION DIAGRAM

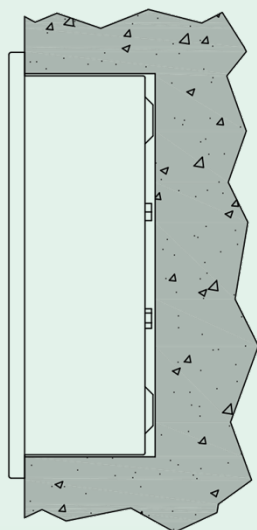
TIMER RELAY COIL

TIMER RELAY CONTACT

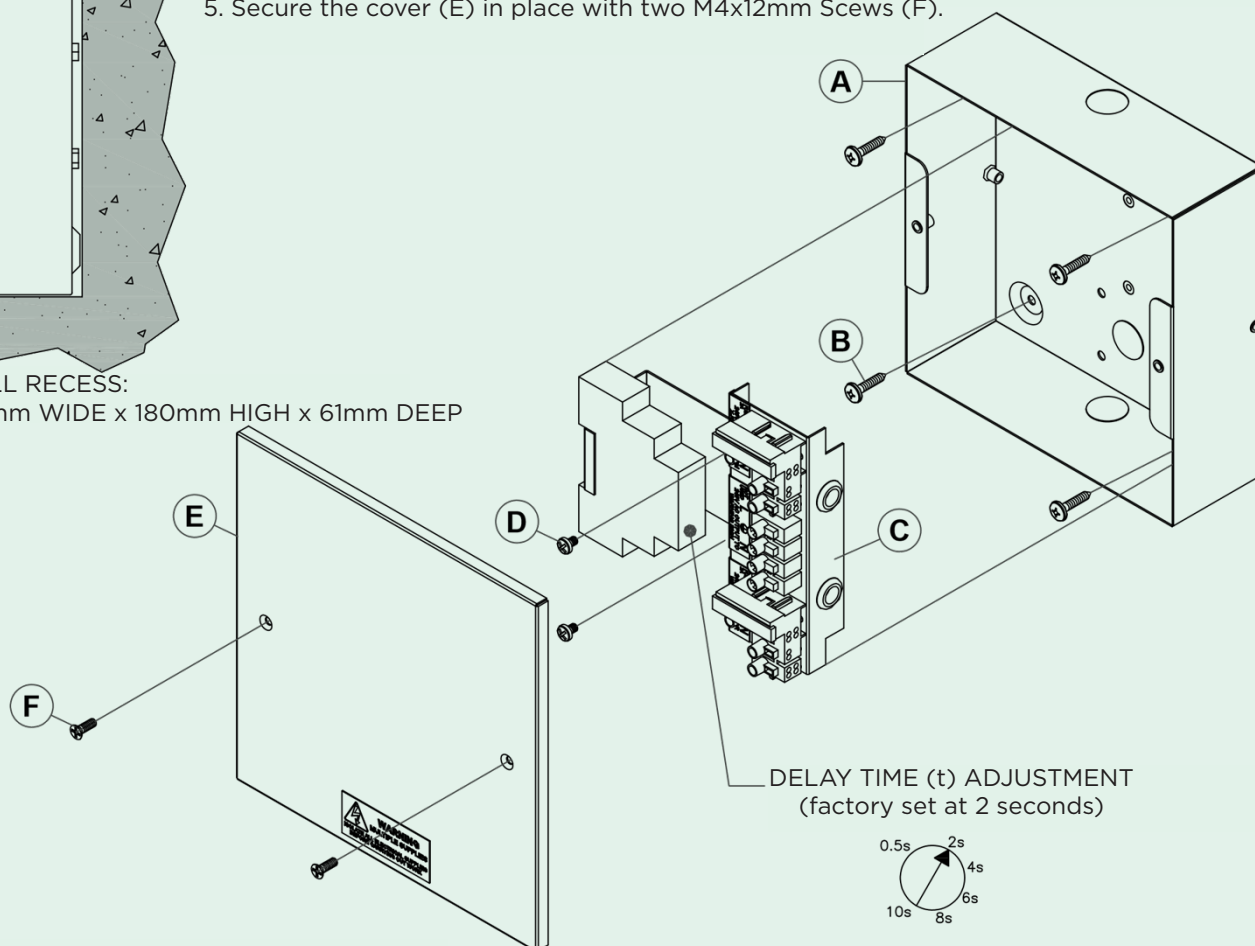


INSTALLATION INSTRUCTIONS

1. Remove knock-out cable entries to suit.
2. Fix body (A) into the recess with 4 suitable screws (B). Fixing screws are not supplied.
3. Fix the gear-tray (C) in place with two M4x6mm screws (D).
4. Feed cables into the enclosure and connect them to the terminals (see connection diagram).
5. Secure the cover (E) in place with two M4x12mm Screws (F).



WALL RECESS:
180mm WIDE x 180mm HIGH x 61mm DEEP



IMPORTANT - DELAY TIME SETTINGS

The warning sign LED driver requires a delay of 2 seconds, between switching off and back on, in order to allow its capacitors to discharge completely.

If its capacitors are not allowed to discharge completely, extremely high and damaging in-rush currents will occur.

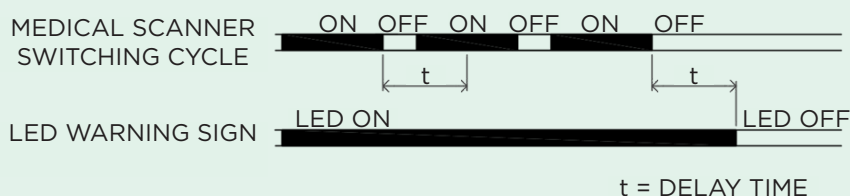
The delay time (t) is factory set at 2 seconds.

Up to 10 seconds delay time is possible, if required.

The delay time should be set so that the LED warning sign remains permanently lit during the course of the medical scanning procedure, and is not allowed to switch off and on rapidly and repeatedly.

Once the final switch cycle of the scanning procedure has ended, the LED warning sign will remain lit for the delay time (t) seconds.

The hospital radiation protection advisors (RPA) must be consulted regarding this delay. They may need to update their ionising radiation local rules.



CLEANING INSTRUCTIONS



INFORMATION

Operation and Maintenance

Ambient temperature 25°C.

Continual operation at mains voltages in excess of the rated voltage will reduce LED and expected gear life.

This luminaire uses plastic components in its construction and when installed in environments containing chemicals, degradation may occur.

Operation outside intended / stated parameters may cause a hazard, and in an extreme case, for example water ingress to electronic circuits, may cause a fire.

Please contact our Technical Department for advice.

Modifications

Philip Payne products should not be modified.

Any modification may render the product unsafe and will invalidate any Safety/Approval marks.

Philip Payne will not accept any responsibility for any modified products or for any damage caused as a result of their modification.



Philip Payne Limited, Thornhill House, Thornhill Road, Solihull, B91 2HB
+44 (0)121 705 2384 | sales@philippayne.co.uk | www.philippayne.co.uk

