HERO 8

8 WAY CONTACTOR + HEATER

INSTRUCTIONS

Please read the instructions before operating the unit.

SPECIFICATION:

The HERO 8 Way Contactor + Heater can control the timing of:

Lighting sockets: 8 x 600W HPS lighting systems or **4 x 1000W** HPS lighting systems. Not recommended for use with LED lighting due to the in-rush of current on start-up.

Heater sockets: total load of **2500W**.

SAFETY FIRST:

Prior to **set-up** or **maintenance**, ensure that the unit is **disconnected** from the **power supply**.

Ensure that the unit remains in a dry area and that it is not accessible to people unfamiliar with its operation.

The unit is intended for switching the electrical load associated with **HID (High Intensity Discharge) lighting** with a total load not exceeding either **8 x 600W** or **4 x 1000W**.

The unit has two power cords, each capable of carrying up to **13A**. The power cord on the left hand side is the 'master' power cord and also supplies power to the timer and contactor. The left hand side should be plugged in for the unit to function.

Check the input current required by your individual HPS lighting systems, the total current required by all lighting systems on either side of the unit **should not exceed 13A**. For safety reasons, any load applied to the unit should be evenly distributed across both sides.

Do not plug the unit into extensions or adaptors as the current will be too high for these and may create a risk of fire.

Upon switching the unit off, leave at least 5 minutes before unplugging it to allow any connected appliances to safely discharge.

INSTALLATION

To mount the unit on a wall use the installed brackets as shown below.

Four brackets are pre-installed on the unit.

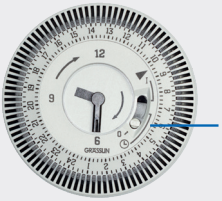
Fit a fixing through the hole in the bracket and fix to the mounting surface.

INITIAL SET UP

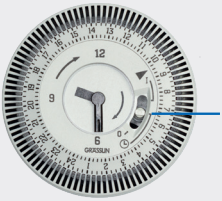
Please note:
The timer must be set up before connecting any lighting or heaters, and the unit must be connected to power.

Gain access to the timer by opening the covers.

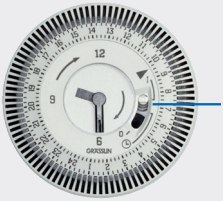
Ensure that the timer switch is in the **'0'** position.



'0' position = **Lighting** sockets **OFF** / **Heater** sockets **ON**.



position = the **Lighting** & **Heater** sockets will switch **ON** / **OFF** based on the **timer**.

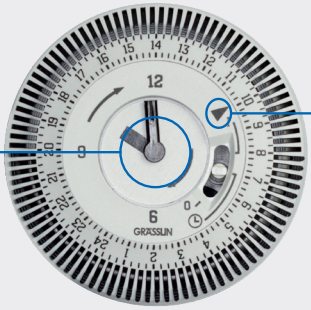


'1' position = **Lighting** sockets **ON** / **Heater** sockets **OFF**.

SETTING THE TIMER (CURRENT TIME)

To set the **current time** on the **clock** turn the outer 24 hour segmental timer clockwise. When close to the time you should go very slowly and look at the internal clock. If you pass the time you require, turn the segmental timer all the way around and try again.

Clock, hour and minute hands



Time indicator for the outer segmental timer

The timer is 24 hour. The time indicator shows the approximate time and if it is AM or PM. The timer above is set to 10.00am

Current time shows **09.30am**

Current time shows **3.00pm**

SETTING THE TIMER (PROGRAM TIMES)

Set your required **ON**/**OFF** periods by **pushing the segments** outwards away from the centre for the **ON** periods.

These segments turn the sockets **ON** or **OFF**

In this example the lights would be **ON** from **8.00pm** to **8.00am**

CONNECTING LIGHTS AND HEATER

Plug the HPS lighting systems into the sockets of the unit. Ensure that the **electrical load** is **balanced** and **does not exceed** the specification. If you are connecting 4 lights, plug 2 lights into one side and 2 in the opposite side to spread the load.

TURNING THE UNIT ON

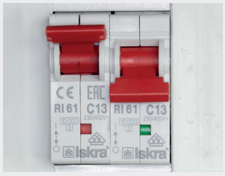
To activate the timer, ensure that the switch is in the **middle** position. You can **verify that the unit is working** by moving the timer switch to **'1'** to check the lights power up, and position **'0'** to check the heaters power up. Once the check is complete move the switch back to the **middle** (timer) position.

RESETTING THE CIRCUIT BREAKER

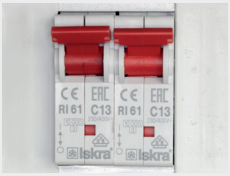
There are 2 circuit breakers, the left circuit breaker is connected to the sockets on the left hand side and the heater sockets. The right circuit breaker is connected to the sockets on the right hand side.

If the unit is overloaded, the breaker will trip, and cut the power to one bank of 4 sockets. Before resetting the circuit breaker, disconnect all lights and/or heater from the bank that has lost power.

This example shows the right circuit breaker has turned off the power supply.



Reset the breaker by pushing the switch to the up position.



Set the switch to position **'1'** and re-attach each light individually.

If the breaker trips when reconnecting a light, this indicates that the circuit is overloaded, or there is a problem with one of the lights.

If the left hand breaker has tripped, turn the timer switch to **'0'** and reconnect your heater(s) to the heater sockets. If the breaker trips, the heater is overloading the circuit, or has an electrical problem.

Once you have resolved the issues, turn the switch back to the **middle** position (timer).

TROUBLESHOOTING

If you suspect that the unit is faulty, it can be verified by plugging a known working appliance into each socket in turn. If any individual socket fails, return the unit to the retailer you purchased it from.

In the event that your unit has no power to any sockets, or to one side, check the circuit breakers have not tripped and change the main fuse in the plugs if required.

To replace the fuse, remove the plug from the socket and prise the fuse carrier out of the plug with a small screw driver. Replace with a 13amp fuse and push back into the plug.

If the circuit breakers keep tripping, this is an indication that the load being used is too large.

WARRANTY AND LIABILITY

In the unlikely event that there should be a fault with the unit, please return it to your retailer.

The unit carries a 2 year warranty (terms and conditions apply).

There are no user serviceable parts inside and tampering with the unit will void the warranty.

The manufacturer will not be liable for any damage caused by operation of the unit.

Manufactured in the EU for:

Global Air Supplies
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