

OvenGuard consists of:



SwitchBox



SwitchBox Control Lead



GuardBox

Installation:

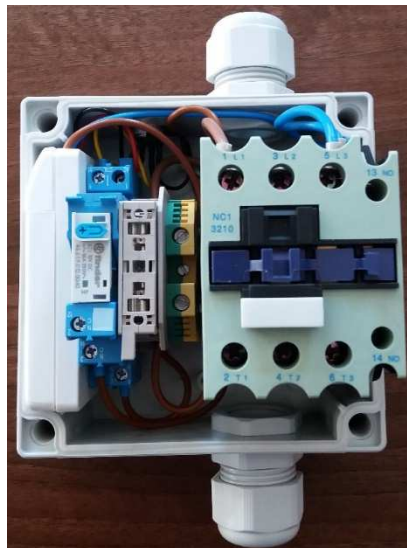
- Find a suitable location for the GuardBox. It is recommended to be at least 50cm away from appliance.
- Find a suitable location for the SwitchBox which is easily accessible to operate button. The SwitchBox takes its power from the supplied SwitchBox Control Lead and there is no need to have a separate electrical supply.
 - For a flush mount installation use a backbox with 28mm or greater depth.
 - **Do not have any other electrical cable running through backbox as the SwitchBox is an electronic device.**
- The SwitchBox Control Lead is approx. 1.9m in length if this needs to be extended use 3 core .75mm cable.
 - **When routing SwitchBox Control Lead to GuardBox make sure it does not run parallel with any other electrical cables. This is a control cable so care must be taken.**
- Feed the SwitchBox Control lead through gland on SwitchBox, cut to length and terminate as shown below:



12V Brown
0V Blue
SIG Yellow/Green

- Appliance and AC supply use correct regulated cable upto 6mm twin earth cable. Run both cables through glands, connect to contactor and earth termination next to contractor.
- **If an isolation switch is required for load then this also must be installed. OvenGuard is not to be used as an isolator to appliance.**

Supply



Appliance

- Connect SwitchBox Control lead to Guardbox via three pin connector.



Operatation:

1. Press red button to turn electrical supply on



2. During countdown to extend time press red button to turn off and press again to turn on.
3. 1 minute before the countdown exceeds the SwitchBox will beep.



Cable

Appliance and Supply	Upto 6mm twin & earth
SwitchBox Control Lead	3 core .75mm approx. 1.92m

Contactor

Rated Conventional heating current (A) AC-1	50
Rated insulation voltage (V AC)	230
Mechanical life (x 10⁶ Operations)	8
Matched fuse type	RT16-50

Dimensions

GuardBox	128mm (D) x 130mm (W) x 205mm (H)(including glands))
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