



Installation Instructions Weatherproof Connector Box



PRODUCT CODE: EOB

WARNING: SWITCH OFF AND ISOLATE THE MAINS SUPPLY BEFORE CARRYING OUT INSTALLATION OF THE PRODUCT. THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN. WIRING SHOULD BE IN ACCORDANCE WITH LATEST IEE REGULATIONS (BS 7671)

Providing all enclosure lids are closed and the product correctly installed, this connector box offers an international protection code IP54 - A high level of protection against water and dust. The enclosure is made from polycarbonate which is a highly durable material and ideal for most environments. It should be mounted on a flat, vertical surface that is free from grease, dirt and loose material. Do not allow paint or wood preservative to come into contact with the product. The product can be safely mounted on painted surfaces or surfaces treated with wood preservative if the paint or wood preservative is completely dry. This connector box has cable entry options and is intended to be used with a multi socket extension lead - up to 4 ways. (This is not supplied). It can also house transformers, plug in timers and other controllers. There is a hinged cover which can be padlocked (padlock not supplied).

READ BEFORE INSTALLING

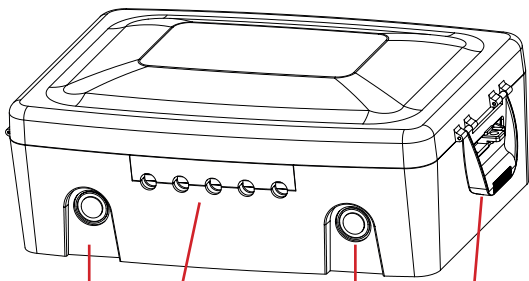
1. Intended use: Temporary Outdoor Use Only.
2. Ensure access to a mains supply circuit. The supply cable must be protected by an appropriate RCD protected circuit plug, socket or adaptor.
3. Use a 13A rated cable type recommended for outdoor use. Round rubber or PVC insulated flexible cable should be used. Cable diameter: 6.9-10.5mm
4. This box can be wall mounted. (dowels and screws are not included)
5. Do not drill extra holes other than those provided for drilling out or the IP54 rating will be reduced.
6. Do not leave cover open or catch unhinged.
7. Two blank drainage positions are provided on lower rear edge of box. If condensation is likely to collect in unit, drill out one or both drainage holes.
8. Two optional M20/25 cable gland entry positions are provided underneath box. (Cable glands not supplied).

INSTALLATION

1. Select a suitable mounting position, a rigid flat surface that will accept screw type fixings. It is recommended that bottom of box should be 500/600mm above ground level.
2. If wiring directly to the enclosure without conduit and the installation is outdoors, ensure that a cable specified for outdoor use is used.
3. Refer to drilling template overleaf on this manual. Drill holes and fit wall plugs suitable for a No 6 countersunk head, steel wood screw. 38mm length. Prior to fitting the mounting box to the wall, drill out the drain holes if required. If the conduit cable entry is from the top or sides the lower drain hole in the mounting box must be drilled out using a 5mm diameter drill bit. This will allow any condensation formed in the conduit system to drain out of the unit. (Note: Opening the drain hole will reduce the IP rating, therefore ensure that jetted water is not directed at the unit. The drain hole should not be drilled out if the enclosure is to be installed in an excessively dusty environment. If the drain hole is not drilled out, only the bottom cable entry must be used. If conduit is used for bottom cable entry a 5mm diameter drain hole needs to be drilled in the lowest point of the conduit run. File out the complete drain hole profile. Take care not to damage the small internal wall.
4. Mount extension lead against inner rear wall of connector box using self adhesive backing (not supplied)
5. There are 5 cable seal recesses. Remove cable seal support to access seal recesses. Feed cable through seal recess and press firmly into strain relief clamp. One cable only per recess. When all cables are positioned, re position cable seal support in place.
6. Close and latch the cover. As an extra security feature a lug feature (6mm Ø) is provided so that a padlock can be added (not supplied). Plug in supply cable and switch on.

MAINTENANCE

Clean only the exterior of the product with a mild detergent (e.g. washing up liquid) and warm water. Do not use solvents.

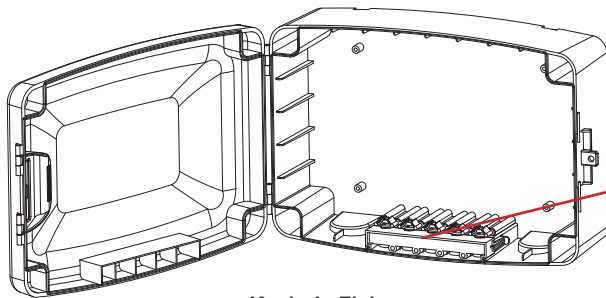
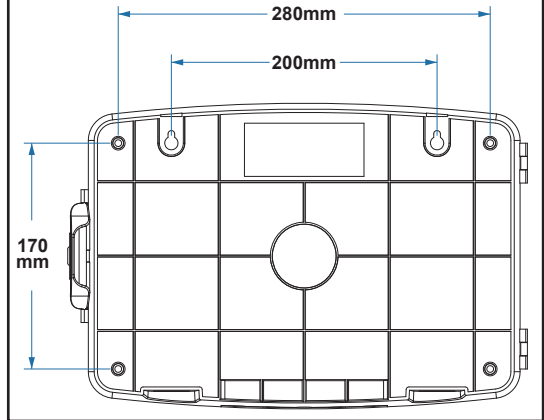


5 Standard Cable Entry/Exit Positions with Integral Seals

Hinged Side Catch

2 Optional M20/25 Cable Gland Entry Positions (Cable Glands not Supplied)

Drilling Template

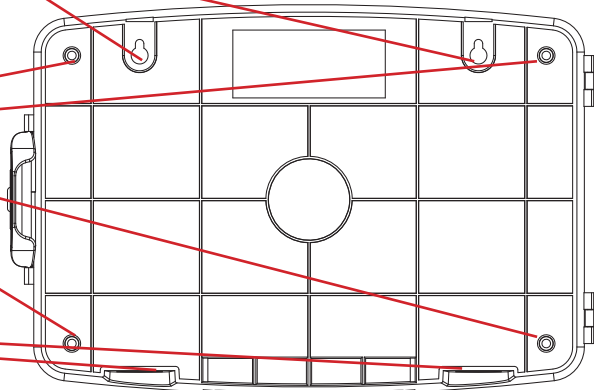


Cable seal (front and rear) support. Strain relief clamps.

Keyhole Fixing Mounting Slots

Direct fixing mounting holes

Optional drainage holes



COMPLIANT

For more information contact:



Solas Geal Distribution

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EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Products:

IP54 Weatherproof Connection Box

Model Code:

EOB

The product/model of the declaration described above is in conformity with the relevant community harmonisation legislation:

Low Voltage Directive (2014/35/EU)

Directive 2009/125/EC

(EU) 2019/2015 Regulation on Energy Labelling for Light Sources.

(EU) 2019/2020 Ecodesign Requirements for Light Sources and Separate Control Gears

The product/model of the declaration described above is in conformity with the standards and technical specifications listed below:

IEC 60670-1:2015,

EN IEC 60670-1:2021+A11:2021



Signed:

Date: 24/04/24

Place of Issue: Republic of Ireland

