

IPEC-C
IP Rated Enclosure for EBG, SCP and Lodestar

Datasheet & Installation Note

The IPEC-C allows the Jack Fuse Electronic Break Glass, Safety Call Point and Lodestar products to be used outdoors and in wet areas.

Applications

- Gates
- Outdoor venues
- Roof areas
- Balconies

Features

- Mounting options for Jack Fuse products
  - Electronic Break Glass
  - Safety Call Point
  - Lodestar
- Replaceable transparent lift cover
- Top, bottom and rear threaded conduit entries
- Silicone seals protecting mounting holes
- IP55 - protected against dust and water jets from any direction.

Introduction

The Jack Fuse Electronic Break Glass (EBG), Safety Call Point (SCP) and Lodestar products can all be mounted inside the IPEC-C enclosure, allowing them to be used in outdoor environments and other areas exposed to water.

The enclosure is designed to be mounted on walls or gate/fence posts and is provided with seals for mounting hardware and three threaded cable entries that can be used with conduit fittings (not included).

Installation

Prior to installation, unbox the enclosure and ensure all parts are present. Open the enclosure cover and use a No. 2 Phillips screwdriver to remove the mounting plate. Retain the plate and device mounting screws.

Box Contents

1 x Polycarbonate enclosure with cover fitted
1 x Device mounting plate
4 x M4 device mounting screws (EBG/SCP)
4 x M4 mounting plate screws
4 x Silicone screw hole seals
3 x M20 threaded plugs with seals

Enclosure Mounting. Mount the IPEC-C on a solid, flat surface using all four mounting holes. Ensure there is adequate clearance around the enclosure to allow the cover to be opened.

The mounting holes are factory sealed and can be screwed through or drilled out. Once the enclosure is securely fixed, ensure the silicone seals are fitted flush in each mounting hole.

When used with the EBG, the recommended mounting height is 1000 mm above floor level (measured to the centre of the break glass), and no less than 500 mm from an inside corner.

Cable Entry. Cables can enter the enclosure via the top, bottom or rear threaded holes. Use a large flat blade screwdriver remove the supplied plug and replace it with a suitable sealed conduit fitting or cable gland, ensuring a watertight seal. M20 x 1.5mm fittings with an IP55 rating (or better) are suitable.

Device mounting. Refit the mounting plate, ensuring the cables are routed correctly. Remove the original cover/guard from the EBG or SCP and mount the device using the supplied screws. The original activation guard is not used and may be discarded.

Note: Mounting screws are not supplied for the Lodestar; 2 x M4 pan head screws are recommended.

Additional Protection. A small amount of sealant may optionally be used around the cable entries and fixings to provide extra protection against dust and water.

Cover Replacement. A damaged cover can be replaced by removing the stainless-steel hinge pin, fitting the new cover and reinserting the pin. Another pin or small screwdriver and pliers will assist with this task.



Shown with mounting plate removed.

Maintenance

Yearly. Check the following at least once a year:

- No damaging water ingress present
- Enclosure is firmly fixed to the mounting surface
- No physical damage to enclosure or conduit
- Cover is not obstructed and can be opened and closed fully
- Enclosed device is mounted securely

Technical Data

Total dimensions (cover closed)	130mm x 100mm x 168mm (W x D x H)
Base dimensions (mounting footprint)	100mm x 126mm (W x H)
Minimum clearance required above unit for lift cover	161mm
Cable entry	3 x 20mm (M20 x 1.5mm thread)
IP Rating (tested)	IP55 (Tested to AS 60529:2025)
Primary materials	UV-stabilised Polycarbonate, Nylon, Silicone, Brass
Country of origin	China

Ordering Code

IPEC-C	IP Enclosure with transparent cover and charcoal base

