



Rotary Isolator Switches Installation Instructions

Installation must be carried out by an electrician.

Please read these instructions carefully before installation.

Leave a copy for the user/maintenance engineer for future reference.

Specification

- Interlocked switch to prevent unauthorised access and maintenance of unit when Energised
- 20A, 25A, 32A, 40A, 63A, 80A, 100A
- IP Rating: IP 65
- Supply voltage: 230-690V
- Manufacture and approved to IEC/EN60947-3
- Padlockable in the off position for downstream maintenance

Important Installation Information

- The Rotary Isolator Switches are manufactured from tough, durable thermoplastic, and is intended for use in an outdoor environment, or one in which the protection provided by the Rotary Isolator Switches is required. The protection level is IP65.
- These products should be installed by a competent person in accordance with these instructions and in compliance with the appropriate clauses of the current edition of the IET wiring and building regulations.

Installation Instructions

- The Rotary Isolator Switches are designed to be mounted on a vertical flat surface.
- The rear box shall be mounted on the wall using fixings and wall plugs if necessary. The fixing dimensions are marked on the back of the rear box.
- The front moulding can only be removed when

the switch is on the OFF position.

- The terminals should be tightened to a torque of 1.8Nm.
- Do not exceed the maximum cable sizes:
 - 20A - 2.5mm²
 - 25A and 32A - 6mm²
 - 40A and 50A - 10mm²
 - 63A - 16mm²
 - 80A and 100A - 25mm²
- A cable gland of IP65 or higher should be used in order to maintain the IP Rating.
- The relevant cable knockout should be carefully removed by scoring the groove around the required knockout with a sharp knife and then tapping it out with a small hammer onto a screwdriver in the groove.
- When re-assembling the enclosure ensure that the gasket is fully in place in order to remain the IP65 rating.
- Tighten the screws supplied to refix the front cover in place. Do not overtighten. Use of an electric screwdriver is not recommended.
- Advice should be sought before installing this product in an environment where it is likely to be subjected to chemicals, oils or solvents.

Cleaning

- Care should be taken when cleaning this product.
- Inside the lid should only be wiped with a clean dry cloth.
- The outside can be cleaned with mild detergent.
- Solvent based cleaners should not be used.