



ES-ISC-WP*

Weatherproof Enclosure For Ecosmart Speed Controls Addendum to 671432

CE The EMC Directive
2014/30/EU
The Low Voltage
Directive
2014/35/EU

1.0 INTRODUCTION

The ES-ISC-WP range is designed to protect the Ecosmart speed control unit from adverse weather conditions. The product is suitable for wall mounting, can be retrofitted on site and is available in the 3 sizes shown below.

Unit Code	Suitable for use with	Height (mm)	Width (mm)	Depth (mm)	Weight (Kg)
ES-ISC-WPA	ES-ISC1.2A to ES-ISC4.1A	626	477	285	10
ES-ISC-WPB	ES-ISC5.6A to ES-ISC23.1A	687	560	341	14
ES-ISC-WPC	ES-ISC26.0A to ES-ISC38.0A	1070	415	692	27

IMPORTANT

The operating range is 0°C to 35°C, up to 85% relative humidity (non condensing).
Installation in an unventilated area is not recommended.

2.0 HANDLING

Upon receipt of the unit an inspection should be made. Report any damages immediately. and before commencement of lifting ensure that normal equipment safety checks have been carried out. Always handle with care to avoid damage and distortion.

IMPORTANT

Isolation - Before commencing work make sure that the unit is electrically isolated from the mains supply.

3.0 INSTALLATION

The installation must be carried out by competent personnel in accordance with the appropriate authority and conforming to all statutory and governing regulations i.e. IEE, CIBSE, HVCA etc.

Fix or mount in upright position to a secure vibration free vertical surface. (See figures 1 and 2). Ensure the ventilation grilles are free of obstruction.

3.1 Fixings

The fixings to secure the weatherproof enclosure to the wall are not supplied and must be sourced by the customer to be specific for the individual installation.

3.2 Installation Procedure

1. Remove screws (8) from outer casing of the weatherproofing box (fig. 1). Outer casing releases from the inner housing and can now be lifted away (fig 2.).
2. Offer the inner housing to the wall (or mark from the appropriate drill pattern) (fig 3.), drill and fix the inner housing to the wall using appropriate fasteners.
3. Remove the front cover of the Ecosmart speed control and disconnect any cooling fans fitted.
4. Making use of the brackets provided, sit the Ecosmart speed control box within the inner housing of the weatherproofing and affix to the weatherproofing inner housing using screws (4) (not provided, Nuaire recommend M5 x 25 screws) (fig 4.). It may also be easier to connect the field wiring at this stage.
5. Reattach speed control cover ensuring cooling fans are connected.
6. Reassemble outer casing.

Figure 1. Removing fixings from outer casing.

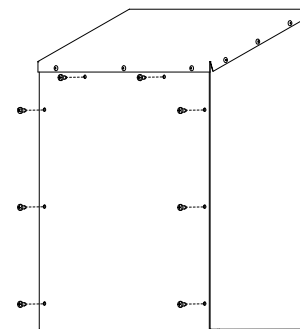
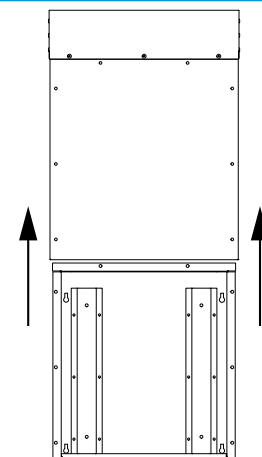


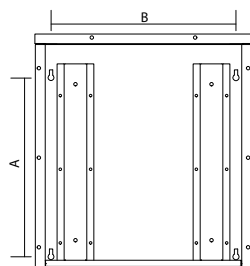
Figure 2. Removing outer casing.



Installation and Maintenance

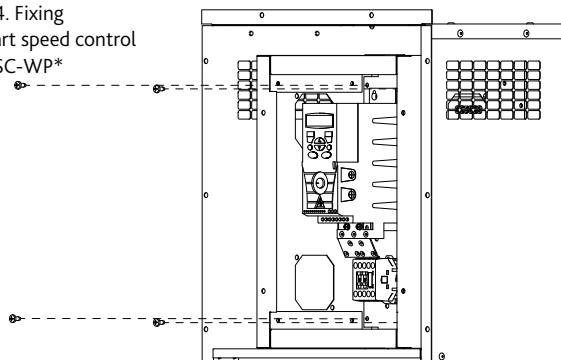
ES-ISC-WP* EcoSmart Speed Control Weatherproofing

Figure 3. ES-ISC-WP* Drill hole pattern.



Unit Code	A (mm)	B (mm)
ES-ISC-WPA	379	391.5
ES-ISC-WPB	417	476
ES-ISC-WPC	768	608

Figure 4. Fixing Ecosmart speed control to ES-ISC-WP*



4.0 MAINTENANCE

4.1 Maintenance Intervals

The first maintenance should be carried out three months after commissioning and thereafter at twelve monthly intervals. These intervals may need to be shortened if the unit is operating in adverse environmental conditions, or in heavily polluted air.

4.2 General Cleaning and Inspection

General cleaning and inspection – Clean and inspect the exterior of the unit, remove covers and carefully clean out any dust deposits. Check security of all components and terminals, remove fan filters and clean or replace as necessary. Refit covers.

5.0 AFTER SALES ENQUIRIES

For technical assistance or further product information, including spare parts and replacement components, please contact the After Sales Department.

Telephone 02920 858 400
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