



Excel Weatherproof Switch IP56

Cat XLW770V series for vertical mounting
Cat XLW770H series for horizontal mounting

Specification (at 25°C)

Supply voltage:	230-240Vac
Rating:	10A
Frequency:	50Hz
Weather protection	IP56
Approval No.	N3089

Features:

XLW770V and XLW770H series give IP56 weather protection from Excel standard size switches. An ingenious double dolly system, with inner and outer switch dollies segregated by special weatherproof membranes, prevent water and dust intrusion from the front of the switch to the mechanisms and wiring behind.

There's a choice of models for horizontal and vertical installation, which can be flush or surface mounted.

Preparing for installation

IP56 is a high weatherproof, hoseproof, dustproof rating. However this high level of protection can only be maintained if the unit is installed correctly.

The mounting surface must be smooth and level, because only then can the gasket provide the tight fit necessary to maintain weatherproofing. Surfaces which are rough, or have inbuilt water channels (like bricks and mortar) must be avoided. However, they may be able to be prepared for installation with a suitable water-resistant plaster, cement or filler.

It is also important to remember that this switch has been designed to prevent intrusion from the front of the switch. No special provision has been made to prevent intrusion from behind, (or seepage through porous surface material), so consider these aspects when selecting or preparing a location.

There are separate models for vertical and horizontal mounting, so please make certain you have purchased the correct product before commencing installation. Catalogue numbers are as follows:

- Cat XLW770V1, single gang switch for vertical mounting.
- Cat XLW770V2, double gang switch for vertical mounting.
- Cat XLW770H1, single gang switch for horizontal mounting.
- Cat XLW770H2, double gang switch for horizontal mounting.

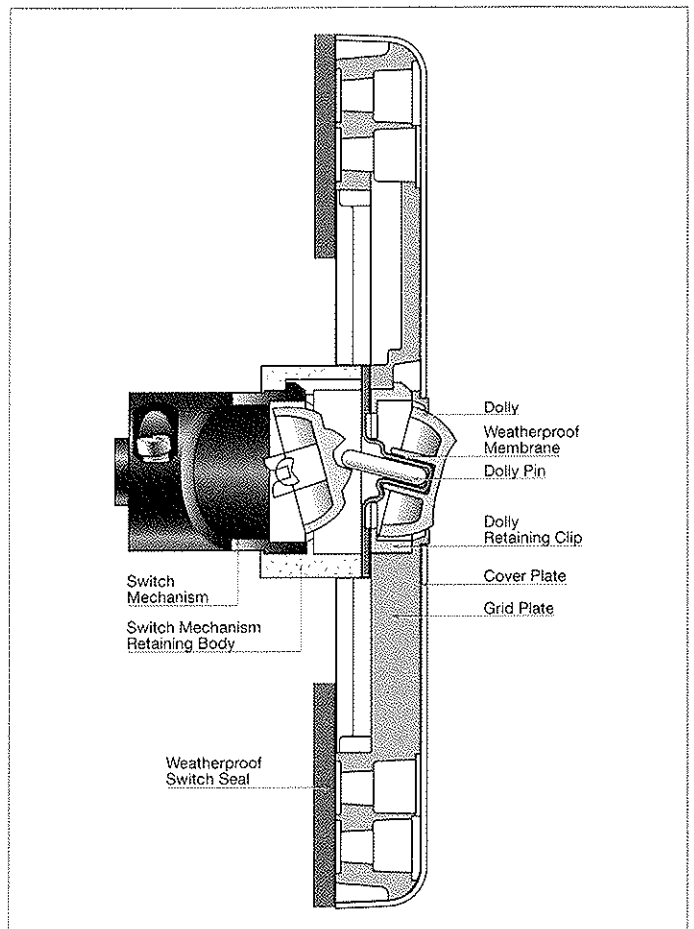
WARNING. This unit must be installed by a licensed electrician according to local codes and regulations. Before installation, make sure that power to that particular circuit is 'off'. Remove the fuse or circuit breaker at the switchboard.

Installation

For correct installation and to maintain IP56 weather protection from the front of the switch, it is important to pay special attention to the points detailed below.

1. Select or prepare a suitable mounting location, making sure that the surface is completely flat and smooth. Mount a wall box below the surface, and bring the cable through the centre of the wall box. (Note: If a mounting block is being used, see the note in 5.)
2. With the adhesive backing still in place, and the sticky side facing the wall, place the foam gasket over the cable.
3. Connect the wires to the switch mechanism terminals as required, (for one-way or two-way switching).

4. Remove the adhesive backing from the gasket. (You will need to tear or cut the backing piece, after removal, to clear the cable, but be careful not to damage the gasket). Then, positioning the gasket under the grid plate, align them with the wall. Remember, the sticky side of the gasket must be against the wall.
5. Screw the switch-grid to the wall box, making certain that the gasket alignment is maintained. Don't overtighten the screws. Correctly mounted, the grid should fit tightly against the mounting surface, while compressing the gasket only slightly.
Note: When using a mounting block, seal around the mounting block where it meets the wall, with a silicon sealer.
6. Locate the flush caps over the fixing screws and replace the Excel cover plate.



Warranty

HPM Cat XLW770 series are warranted as here and after appears, against faulty material and/or workmanship for a period of one year from date of purchase.

The obligation of the manufacturer, under this warranty, is limited to servicing and replacing defective parts when the unit is returned to HPM Industries, or the distributors in your state, freight pre-paid.

This warranty becomes void on any unit which has been tampered with or damaged by accident, short circuited, loaded beyond rating or damaged otherwise by improper operation.

The warranty is also conditional on the unit being fitted to a genuine HPM switchplate and installed by a licensed electrical contractor.

All other warranties, whether expressed or implied, and whether arising by operation of law or otherwise are hereby excluded.

HPM Industries Pty. Ltd.

