



## **Hippo Outdoor series Installation considerations for Switches, Isolators and Switched socket outlets**

### **Mounting**

Mount on a solid flat surface using suitable fasteners mounted through the four fixing points on the rear of the base. Drill out the fixing points as required. Use silicone sealant between the base and the mounting surface around the fasteners and the rear access holes if used.

Add silicone or appropriate sealant in any incoming joints and all screw holes to ensure complete seal, and then install caps onto all screw holes. The caps are required to cover the screw recess detail to provide protection for the mounting screws from any internal live parts should they come in contact. It is important that these caps are fitted, as they also assist in the weatherproofing of the unit.

### **Important**

*Incoming conduit threading must be wrapped with Teflon tape or silicone before installation to prevent ingress of water. Any joints in the conduit system are properly sealed by silicone, Teflon tape or appropriate sealant, or else it will reduce the IP rating of the unit. Seal plain entries with Silicone or PVC Glue and ensure they are secure.*

### **Condensation**

Over a period of time moisture may form and collect in the unit and/or associated conduit system, this phenomenon depends on exposure to weather cycles and environmental factors. If it is necessary to provide relief for buildup of condensation, a small drain hole of 3-4mm diameter should be drilled in the rear wall of the mounting base at as low as possible a point. This should allow condensation to escape between the rear of the isolator base and the mounting surface.

### **Cover installation**

After the cables have been correctly installed in the unit and the cover has been screwed back onto the box, ensure the gasket is correctly positioned and there is no distortion or gaps, tighten the cover screws until the gasket is correctly mounted in position.

Fit small screw caps supplied with the parts pack can then be fitted into the cover mounting holes as they assist in the weatherproofing and ensuring each of the products meet their IP rating.

### **Assembly specific to Isolators**

#### *Important*

WHEN INSTALLING COVER, ENSURE BOTH OPERATING LEVER AND INTERNAL SWITCH TOGGLE ARE ALIGNED IN 'OFF' POSITION TO GIVE CORRECT 'ON' – 'OFF' INDICATION. ENSURE THAT THE COVER SEALING GASKET IS CORRECTLY IN POSITION.

### **Locking for Isolators**

The switch can be locked in the off position by using the lock-hole on the Isolator, please ensure the diameter of the shackle of the locking device is at least 5.0mm.

**Failure to follow these instructions may cause injury or void warranty.**