

**OUTDOOR ENCLOSURE IP66 UNLOADED**



**1.0 Scope**

This document will describe the installation instructions for the OUTDOOR ENCLOSURE IP66

**2.0 Before installation notes**

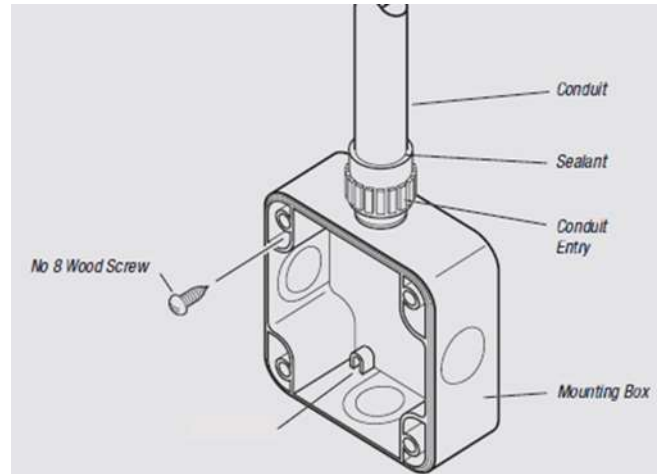
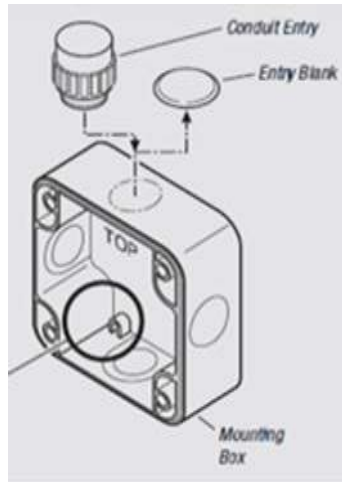
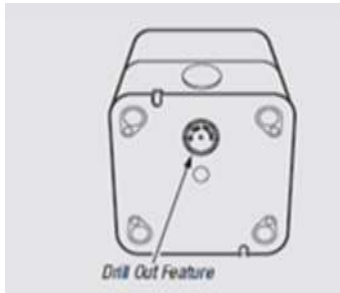
1. The enclosure is made from polycarbonate which is a highly durable material, and ideal for most environments. However, if installing in areas where creosote, some chemicals, synthetic oils and harsh cleaners are used, contact Molex Connected Enterprise Solutions Regional Technical Support for advice.
2. The enclosure must be mounted on a flat, vertical surface that is free from grease, dirt and loose material.
3. Route cable entry from the top or rear of the mounting box only. This ensures that the required bend radius of the cable is observed.
4. Do not install cable from the sides or bottom of the mounting box, as this will compromise the bend radius of the cable and affect the data transmission performance of the installation.
5. Route cable in 25mm conduit for top and 32mm conduit if cable entry is from the rear. This will assist with cable bend radius management when assembling the top plate to the mounting box. Cable entering the mounting box must be routed through conduit to protect the installation from harsh environmental and climatic conditions. Contact Molex Connected Enterprise Solutions Regional Technical Support for advice as the IP66 rating and installation warranty cover will be compromised if installed incorrectly.

**Caution:** Do not allow paint or wood preservative to come into contact with the product. The product can be safely mounted on painted surfaces or surfaces treated with wood preservative when the paint or wood preservative is completely dry.

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<a href="http://www.molexces.com/">http://www.molexces.com/</a>			

### 3.0 Procedure

1. Mark the position of the fixing holes for the mounting box.
2. Drill holes and fit wall plugs suitable for a No. 8 wood screw.
3. Carefully remove the cable entry blank, or drill out the rear cable entry, as required and fit conduit entry.
4. Secure the mounting box to wall with four No. 8 wood screws.
5. Align and install conduit as required.
6. Seal the conduit and conduit entry with a non-setting conduit sealant.



7. For termination instructions for the compatible Molex DataGate Jacks (see part no's below) refer to the installation instructions supplied with the jacks.



Euromod 25 x 50mm Bezel  
Part No MEU-00074-02



DataGate Jack C6A  
Part No KSJ-00062-02



Data Gate Jack C6  
Part No KSJ-00018-02

8. Fit the terminated Data Gate Jack into the Euromod bezel see part no. above and snap on to the front plate.
9. Dress cables in the mounting box ensuring that the minimum bend radius of the cable is observed.
10. Before fitting the front plate to the mounting box, position the seal on the front plate. Ensure the holes are aligned and the seal is aligned with the ribs on the mounting box and the screws are fully tightened.
11. Fit the front plate. Ensure the seal is correctly located and the cables are not trapped or pinched.