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FP2015 QE20 UI Blank Extender Installation Instructions

1. General Description

This sheet describes installation of the FP2015 QE20 User Interface Blank Extender. This is a 3U high metal plate used to fill unused space in the QE20 inner door.
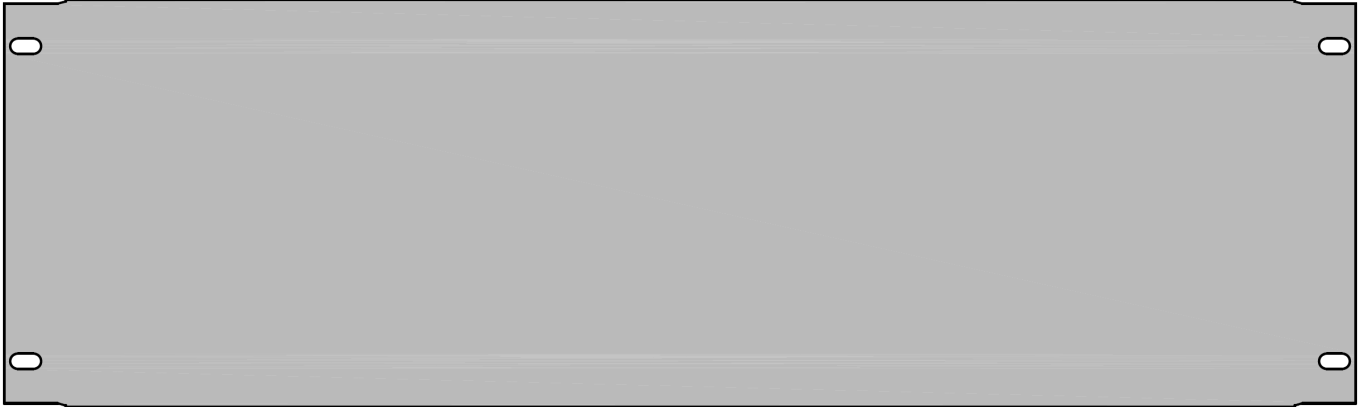

Figure 1 – FP2015 QE20 UI Blank Extender Module

2. Kit Contents

Each kit contains:

    1 x QE20 Blank Extender Plate
    1 x LM0678 450mm Earth lead
    4 x M4 x 10 screws to secure the plate to the inner door
    1 x LT0695, these installation instructions.

3. Mounting the Blank Extender

Each Blank Extender occupies one of the 3U positions on the QE20 inner door, as shown in Figure 2. Generally, it will be mounted at the top or bottom of the QE20 user interface inner door to allow expansion in the future.

The Blank Extender is secured to the inner door hinge and support bracket using four M4 x 10 screws. Fit the plate to the desired position and loosely insert the four screws. Centre the plate and tighten the screws to hold the plate in place.

The Blank Extender must be earthed to the cabinet, either directly or through another User Interface Module.

If the Blank Extender is at the top of the cabinet connect the supplied earth lead from the earth tab on this Blank Extender directly to the cabinet earth tab and connect the earth lead of the next lower Blank Extender or Display Extender to the earth tab on this Blank Extender. See Figure 3 for example earth wiring.

If the Blank Extender is lower down in the cabinet, connect the earth lead of this Blank Extender to the earth tab on the next higher module, and connect the earth lead of any lower Extender, Blank or WIP Tray to this Module, so that every User Interface Module is earthed to the cabinet. See Figure 4 for example earth wiring.
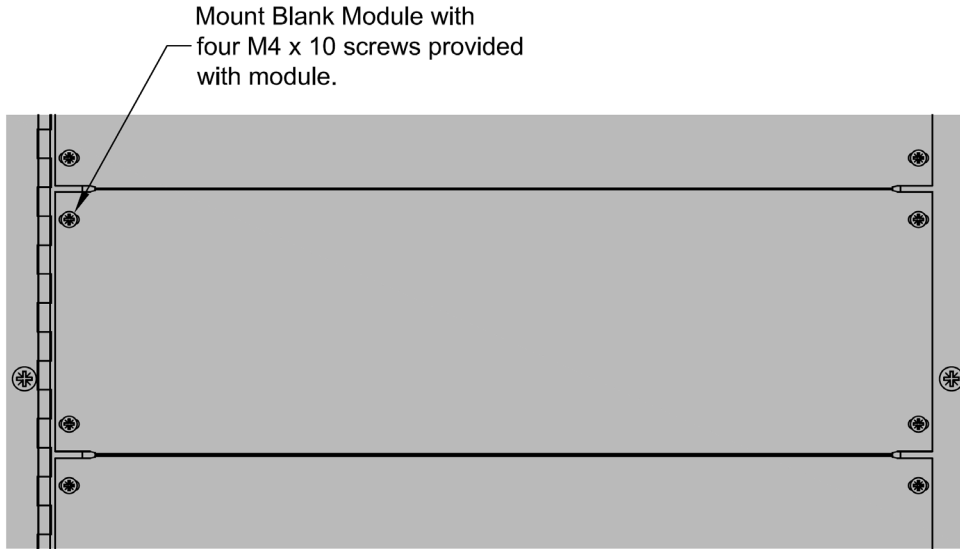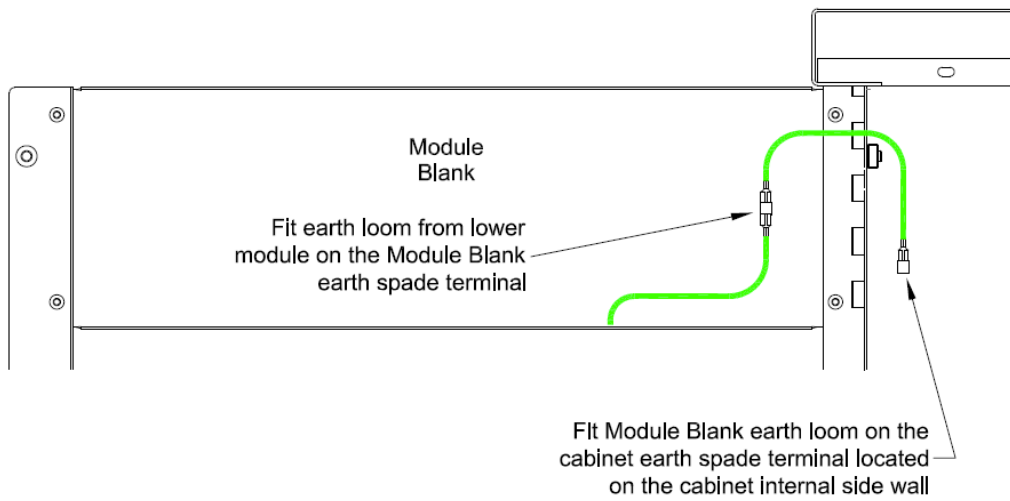
Mount Blank Module with four M4 x 10 screws provided with module.

Figure 2 – QE20 UI Blank Extender Mounting

Module Blank

Fit earth loom from lower module on the Module Blank earth spade terminal

FIt Module Blank earth loom on the cabinet earth spade terminal located on the cabinet internal side wall

Figure 3 – QE20 UI Blank Extender Earth Wiring – Top Position

Fit Module Blank earth loom on higher Display Extender Module or Module Blank earth spade terminal

Pass earth loom through slot in Display Extender Module metalwork

Display Extender Module

Module Blank

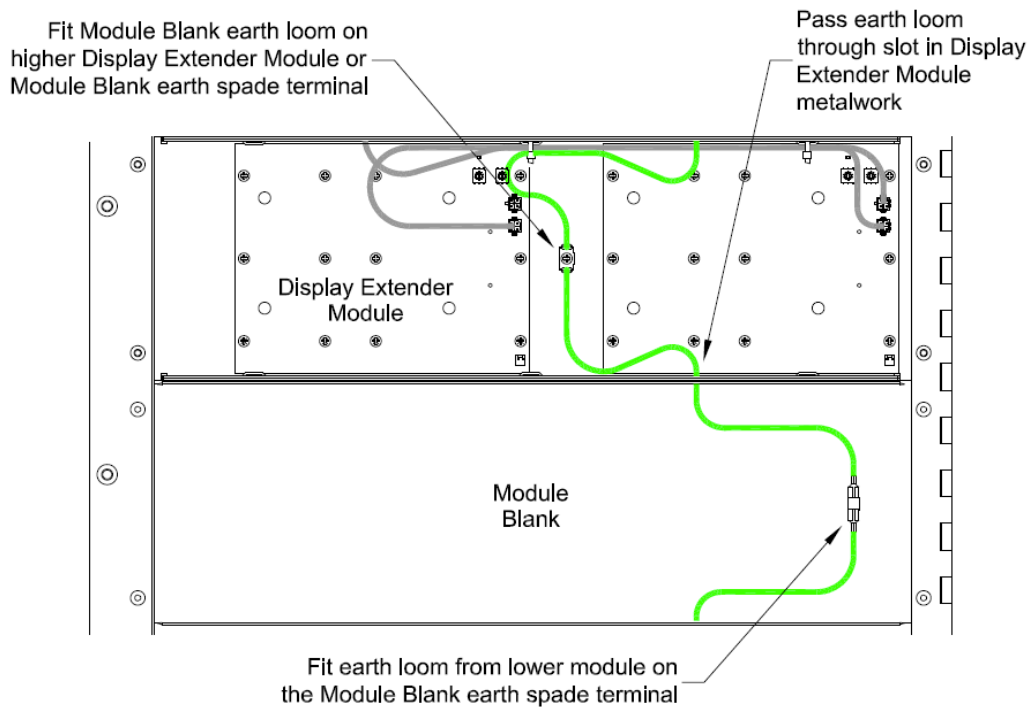Fit earth loom from lower module on the Module Blank earth spade terminal

Figure 4 – QE20 UI Blank Extender Earth Wiring – Lower Position