



## FP1187/9 QE20 Hinge Kit Installation Instructions

### 1. General Description

This sheet describes installation of the FP1187/9 QE20 Hinge Kits. The hinge kits can be used to mount QE20 User Interface Modules into an empty QE20 windowed cabinet, or as a replacement for the hinge/support in an existing QE20.

**FP1187 KIT, QE20, 5 MODULE SUPPORT KIT, 15U**

**FP1189 KIT, QE20, 9 MODULE SUPPORT KIT, 27U**

### 2. Kit Contents

Each kit contains:

- 1 x QE20 Hinge 5-modules (FA3001) or 9-modules (FA3004)
- 1 x QE20 Support 5-modules (FA3007) or 9-modules (FA3010)
- 10 (or 12) x M6 Cage Nuts (NT0030), M6 Screws (SC0058) and M6 washers (WA0008) for mounting in the cabinet
- 5 (or 6) x M6 plastic self-retaining washers (WA0040) for fitting to the support-side screws
- 1 x LT0702, these installation instructions.

### 3. Mounting the Hinge Kit

The hinge and support are mounted to the 19" frame of a windowed QE20 cabinet. The hinge is mounted on the LHS and the support on the RHS. Usually, the hinge kits will be mounted from the top of the cabinet, unless the 5-module kit is being used and room must be allowed for a combo fire panel or other equipment at the top. Keep the resulting QE20 User interface display positions within the allowable height requirements (between 750mm and 1850mm from floor level).

- 1) Align each of the hinge and support to the cabinet in the required position and fit the cage nuts to the cabinet to match the mounting holes in the hinge/support.
- 2) Fit the hinge to the left side using the M6 screws and flat washers (if the washer has a smooth side place this against the hinge to avoid scratching the paint).
- 3) Fit the support to the right side using the M6 screws and flat washers (if the washer has a smooth side place this against the support to avoid scratching the paint). Secure the screws to the support with the plastic washers on the inside of the support to hold the screws in place. Don't tighten the screws yet.
- 4) Mount the user interface modules (not included with the hinge kit) to the hinge and support using the M4 x 12 screws supplied with each module. Refer to the relevant module installation instructions for details.
- 5) Align the hinge, support and modules so everything is square and swings nicely, then tighten all the screws.

Any User interface modules fitted to the hinge must be earthed to the cabinet if there is 100V loudspeaker wiring inside the cabinet (any QE20 Amplifiers or 100V Splitter Modules). Figure 1 shows example wiring for the top position. The earth lead should be daisy chained to each other module.

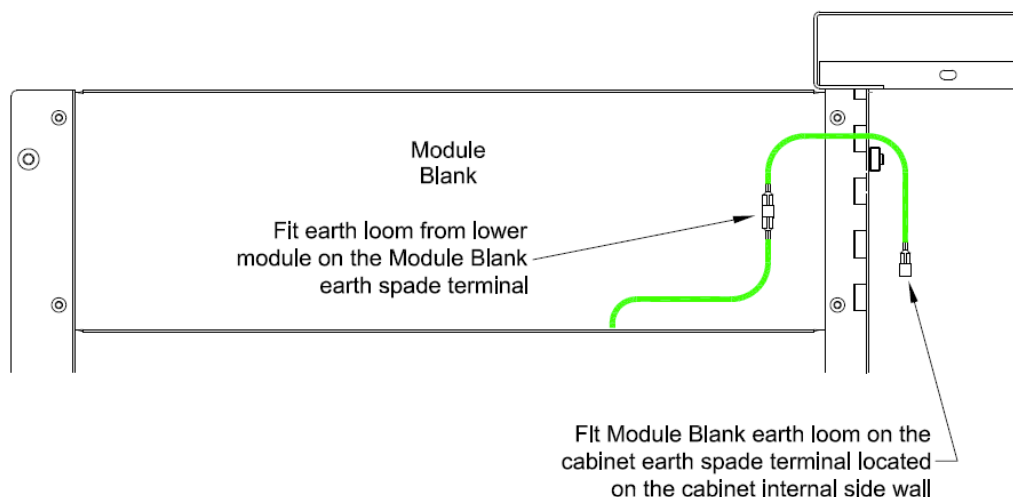


Figure 1 – QE20 UI Module Earth Wiring – Top Position