



## IP Network Mounting Bracket (FP1013)

### Installation Instructions

#### General Description

The IP Network Mounting Bracket (FP1013) provides a means of mounting various IP networking modules plus a VIGILANT Panel-link IP Bridge (PIB) in a 15U cabinet MX4428 or F3200 fire alarm system, an 8U cabinet MX1 Fire Alarm System, or in an empty 8U cabinet. It will not fit an F3200 panel in an 8U cabinet.

The FP1013 IP Network Mounting Bracket is supplied with all the hardware required to mount it (see overleaf).

#### Bracket Mounting

The FP1013 IP Network Mounting Bracket mounts on 4 x RS485 module mounting studs on the right hand, inside wall of the cabinets listed above, using the 4 x M3 barrel nuts and washers supplied with the bracket.

**Note:** – Some panel cabling may need to be re-routed to allow the bracket to be mounted

If fitting a Westermo Ethernet Extender as well as a MOXA fibre switch, the switch should be fitted outside of the Westermo, and the 19" rack front panel space immediately in front of these can support only blank panels.

15U and 8U cabinet mounting arrangements are shown in Figure 1 and Figure 2 respectively.

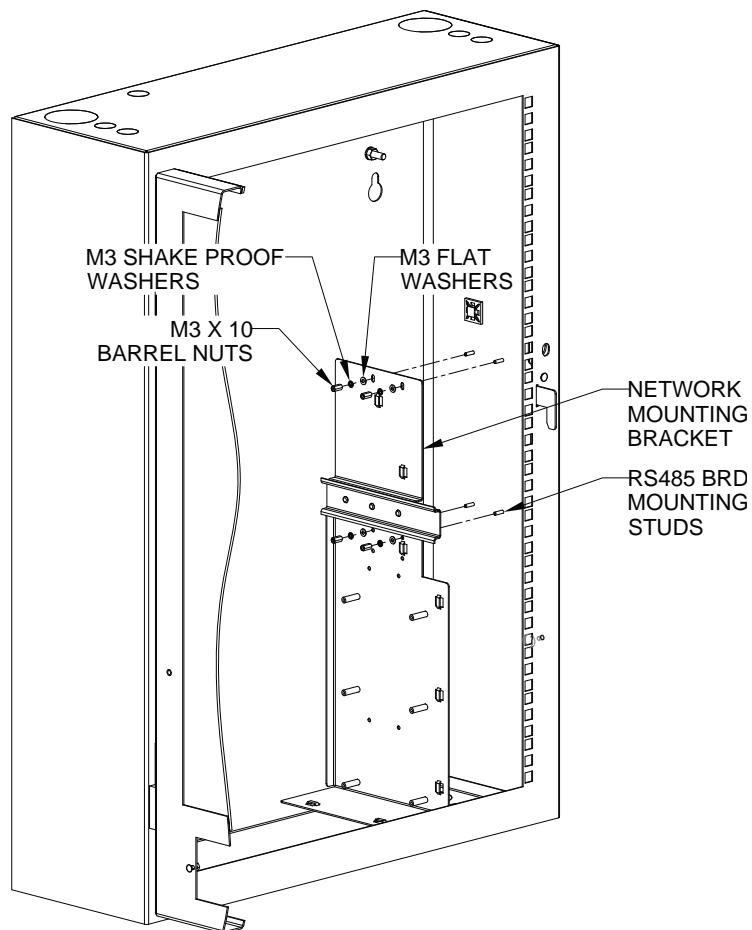
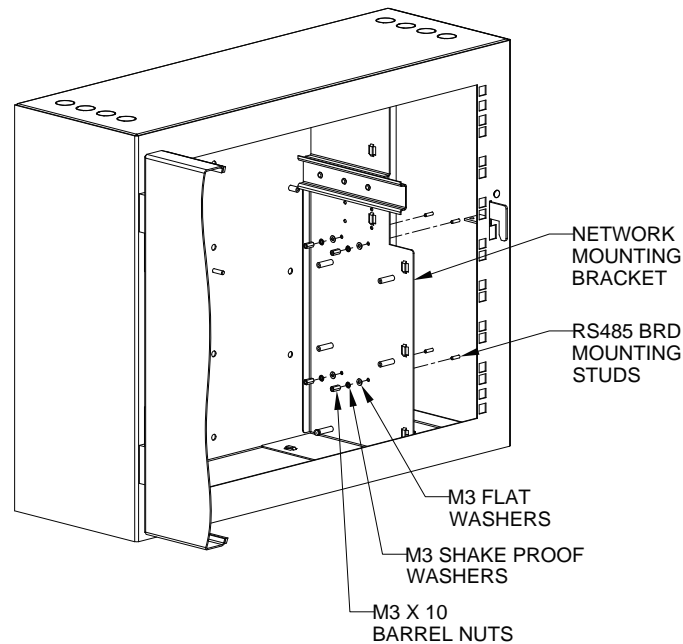


Figure 1 – 15U Cabinet Mounting Position



**Figure 2 – 8U Cabinet Mounting Position**

**Note:** – The 8U cabinet door switch catch must be temporarily removed to allow the bracket to be mounted.

## Bracket Utilisation

The FP1013 bracket has space to mount a PIB, a MOXA fibre switch, and a Westermo Ethernet Extender.

The PIB is mounted on the bracket, typically with the RJ45 at the top, and its connectors to the front of the cabinet, using six M3 x 6 screws supplied with the bracket.

The MOXA fibre switch and an Ethernet Extender mount on the DIN rail directly. If mounting both units, the fibre switch should be mounted towards the front of the cabinet, to keep its metal case away from the electronics.

**Note:** – when mounting in a (15U) MX4428 cabinet, the space available for DIN rail mounted modules is limited. Mounting the MOXA fibre switch and just one Westermo Ethernet Extender is tight, due to the LCD Memory Interface Board. The Ethernet Extender must be unclipped to access to the WRITE ENABLE /PROTECT link. To do this, press the black tab on top of the Ethernet Extender down, and then swivel the unit out at the bottom. If only one DIN-rail module is fitted, then display doors or other front panel modules, may be fitted.

## Wiring

Wiring of the PIB and other components is shown in the PIB User Manual (LT0519). Note the requirements to secure fibre and copper cables, and to maintain a minimum bend radius (especially important for fibre).

Connect the Earth on the top, rear of the MOXA fibre switch case to the bracket using the earth wire provided, and ensure that the bracket has good contact with the cabinet metal.

## Parts supplied with Bracket

The IP Network Mounting Bracket (FP1013) is supplied complete with the following parts:

Qty	Part Code	Description	Used for
1	LM0080	Loom	Earth Fibre Switch to Bracket
4	FA2016	M3x10 Hex Barrel Nut	Secure Bracket to Cabinet
6	SC0172	M3x6 Screws	Secure PIB
4	WA0005	M3 Flat Washer	Secure Bracket to Cabinet
4	WA0010	M3 Shakeproof Washer	Secure Bracket to Cabinet
1	NT0009	M4 Nut	Earth Loom to Bracket
1	WA0011	M4 Shakeproof Washer	Earth Loom to Bracket
1	LT0551	These instructions	-

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