▼▼ VIGILANT

Multi-purpose DIN Rail Mounting Plate (FP1011)

Installation Instructions

General Description

The VIGILANT Multi-purpose DIN Rail Mounting Plate (FP1011) provides a means of mounting a variety of VIGILANT and Tyco *MX* modules on G-Section DIN Rail in a QE90 EWIS or a fire alarm system.

The Mounting Plate is 210mm long by 135mm wide.

These instructions provide a summary for installing the plate, and details of the various items that can be mounted on it.

Items Included:

The Multi-purpose G-Section DIN Rail Mounting Plate is supplied complete with the following:

- 8 x M3 x 10 Barrel Nuts
- 8 x 8mm Double Clip Plastic Standoffs
- 8 x 10mm Through-Hole Plastic Standoffs
- 6 x Pop Rivets
- LT0546 Installation Instructions
- 16 x M3 x 6 Screws with Washers
- 4 x M3 x 12 Screws with Washers
- 6 x Flat Washers
- 2 x Plastic DIN Rail Mounting Clips
- 3 x M3 x 16 Screws to secure plate to DIN Rail

Mounting Plate Assembly

The Mounting Plate requires the two plastic DIN Rail Mounting Clips and three M3 x 16 screws to be fitted first (see Figure 1) to enable it to be mounted on a section of G-Section shaped DIN Rail. The M3 x 16 screws are required to earth the plate to the DIN Rail. A minimum DIN rail length of 210mm is required.

Identify the holes to use for the particular module(s) to be fitted using Figures 2-7, and fit the appropriate mounting hardware listed in Table 1 to mount the module(s) on the plate.
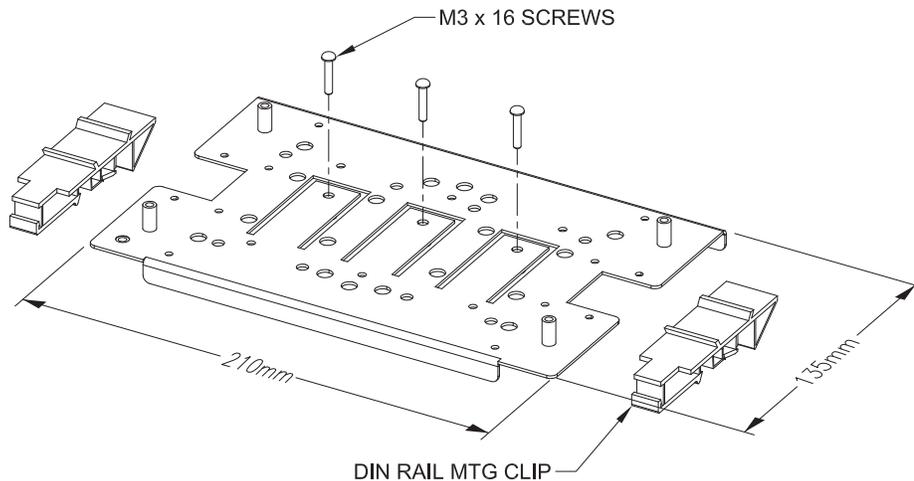

Figure 1 – (FP1011) DIN Rail Mounting Plate – Basic Assembly

Mounting Plate Utilisation

The following table details the various items and the quantity that can mounted on an FP1011, the mounting method, and the hardware required.

Table 1 – Module Mounting Options on FP1011

DESCRIPTION	QTY	MOUNTING METHOD
RESPONDER FOOTPRINT BOARDS		
T-GEN, ADR-M and variants, MPR, MXP, F3200 8 Zone, F3200 8 Relay, ASE Mk2, PIB.	1	4 x M3x12 Screws & 2 x 10mm Plastic Stand-offs
MX **MODULES**		
CIM800, DDM800, DIM800, LIM800, LPS800, RIM800, SNM800	2	4 x Double Clip Plastic Stand-offs
MINI-GEN		
PA1025 12V Mini-Gen, PA1026 24V Mini-Gen	2	4 x 10mm Plastic Stand-offs
RS485 AND OTHER COMM'S BOARDS		
PA0712, PA0773, PA0865, PA0878	2	4 x M3x10 Barrel Nuts & 8 x M3x6 Screws
(UNPROTECTED) TERMINATION BOARDS		
PA0483, PA0769	2	4 x 10mm Plastic Stand-offs
TERMINAL BLOCK		
CONNECTOR BLOCK 380V 10A 2.5SQMM 4MM CRP 12WAY	2	3 x 1/8" Pop Rivets & 3 x 1/8" Flat Washers

Module Mounting Methods

The following figures detail the various module mounting methods and the hardware required.
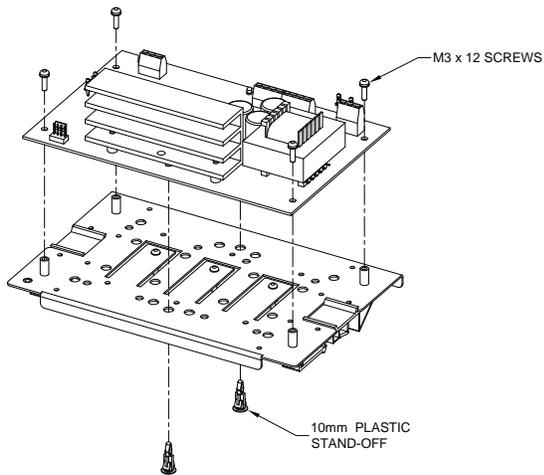

Figure 2
T-GEN, Responder, F3200 8 Zone Module,
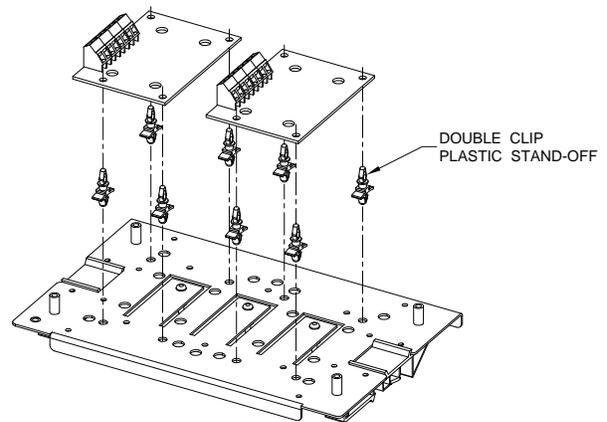ASE Mk2/PIB Mounting Method

Figure 3
MX Module Mounting Method

Note – Some boards with responder footprints will need the clip to be removed from one plastic stand-off to enable the board to be mounted.
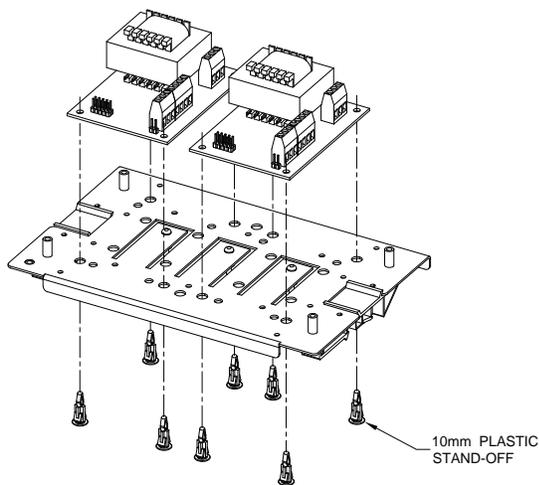
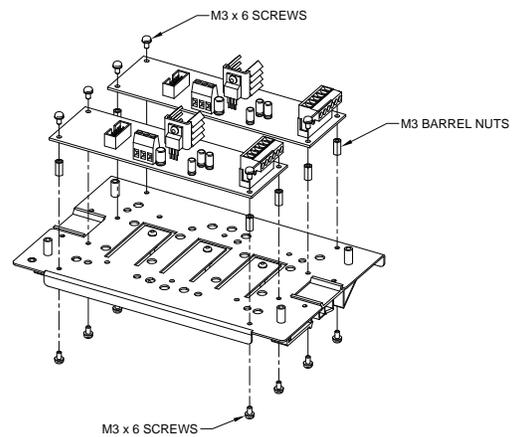

Figure 4
Mini-Gen Mounting Method

Figure 5
RS485 Board Mounting Method

1/8" FLAT WASHERS
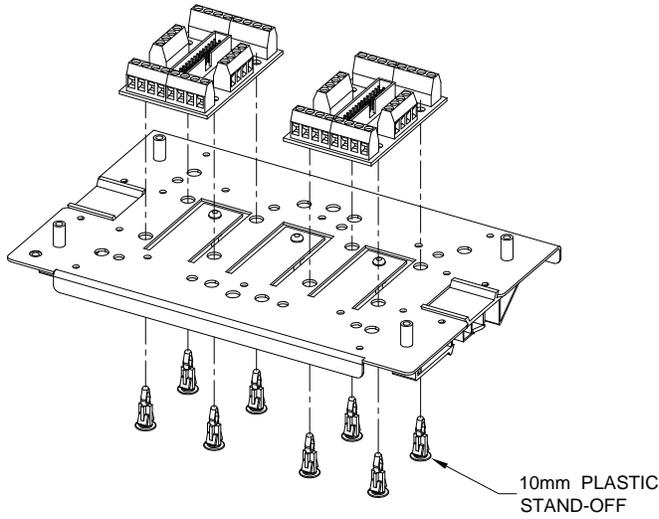
10mm PLASTIC STAND-OFF

1/8" POP RIVETS

Figure 6
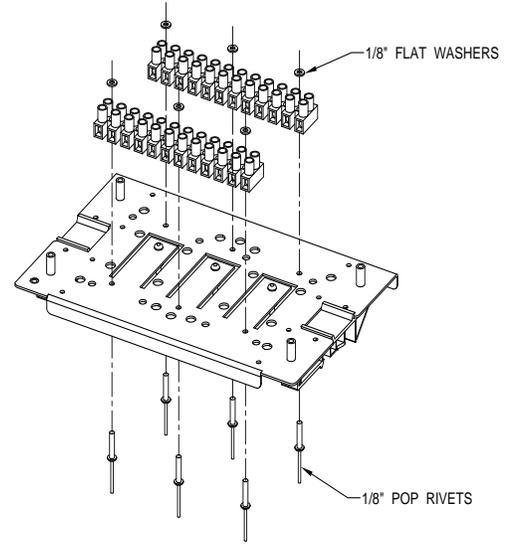(Unprotected) Termination Board Mounting Method

Figure 7
12 -way Terminal Block Mounting Method

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