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

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

![Diagram of T-GEN, Responder, F3200 8 Zone Module, ASE Mk2/PIB Mounting Method](image1)

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

![Diagram of MX Module Mounting Method](image2)

Figure 3
MX Module Mounting Method

![Diagram of Mini-Gen Mounting Method](image3)

Figure 4
Mini-Gen Mounting Method

![Diagram of RS485 Board Mounting Method](image4)

Figure 5
RS485 Board Mounting Method
Figure 6
(Unprotected) Termination Board Mounting Method

Figure 7
12-way Terminal Block Mounting Method