



# User's Guide



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DPA 1002
DIN-Rail Mounting Kit

## **OE OMEGA**

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Locking Tab Slot

The mounting kit includes (1) 6" length of DIN-rail, (4) mounting clips, and this instruction sheet. It contains enough parts to mount 2 modules. Please read the instructions thoroughly before proceeding.

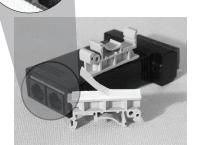


## **INSTRUCTIONS**

# Step 1

Mounting the DIN-rail clips to the module.

Place the expansion module on a flat surface with the bottom surface facing up. The bottom surface can be identified as the surface closest to the locking tab slot on the modular connector (see picture at right).



Expansion Module Example

Peel the protective layer off of the adhesive tape on the bottom of one of the mounting clips. With the hinge end of the clip (see below) facing the end of the module with the communications connector, align the clip along the long (side) edge of the module and centered lengthwise within the flat surface of the module.



Communications Module Example



Firmly press down on clip for 10 seconds. Repeat this procedure on opposite side. Once clips are properly installed, the modules with clips mounted should look similar to one or both of the modules pictured to the right. While the adhesive is initially quite strong, this strength improves significantly over a period of approximately 12 hours



Completed Assemblies

# Step 2

# Mounting the DIN-rail to your panel.

The modules are very light (approx. 1½ oz each). As such, the mounting hardware does not need to be very strong. We recommend two #10 pan head screw (shown to the right), but only because



it best accommodates the slots in the DIN-rail. Do consider any strain your wiring might place on the module mounting. In many cases, you may find mounting the DIN-rail with double-sided tape might be acceptable (not recommended in areas of high vibration or temperatures outside the range of 45 to 95°F). When choosing a location to mount the DIN-rail, keep in mind that wires will be entering both ends of the

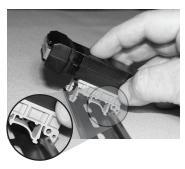
modules (see picture shown on the bottom right). Leave enough space on either end of module to allow for wire routing. Otherwise undue stress may be placed on the module's connectors and mounting clips. The DIN-rail can be mounted on any vertical or horizontal mounting plane, providing wiring that is properly secured.

# Step 3

#### Mounting modules to DINrail.

To mount modules to DIN-rail, first locate the approximate position you would like to place the module on the DIN-rail, then hook hinge end of mounting clip to edge of DIN-rail as shown to the right. Then lower the opposite "latch end" of the clip onto the rail. Press down on the module until the latch end snaps in place.

A typical installation may look like the photo to the right once modules are mounted to the DIN-rail.







# Step 4

After mounting the expansion module(s), please refer to the Instruction Manual for each module for proper wiring and use instructions.

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