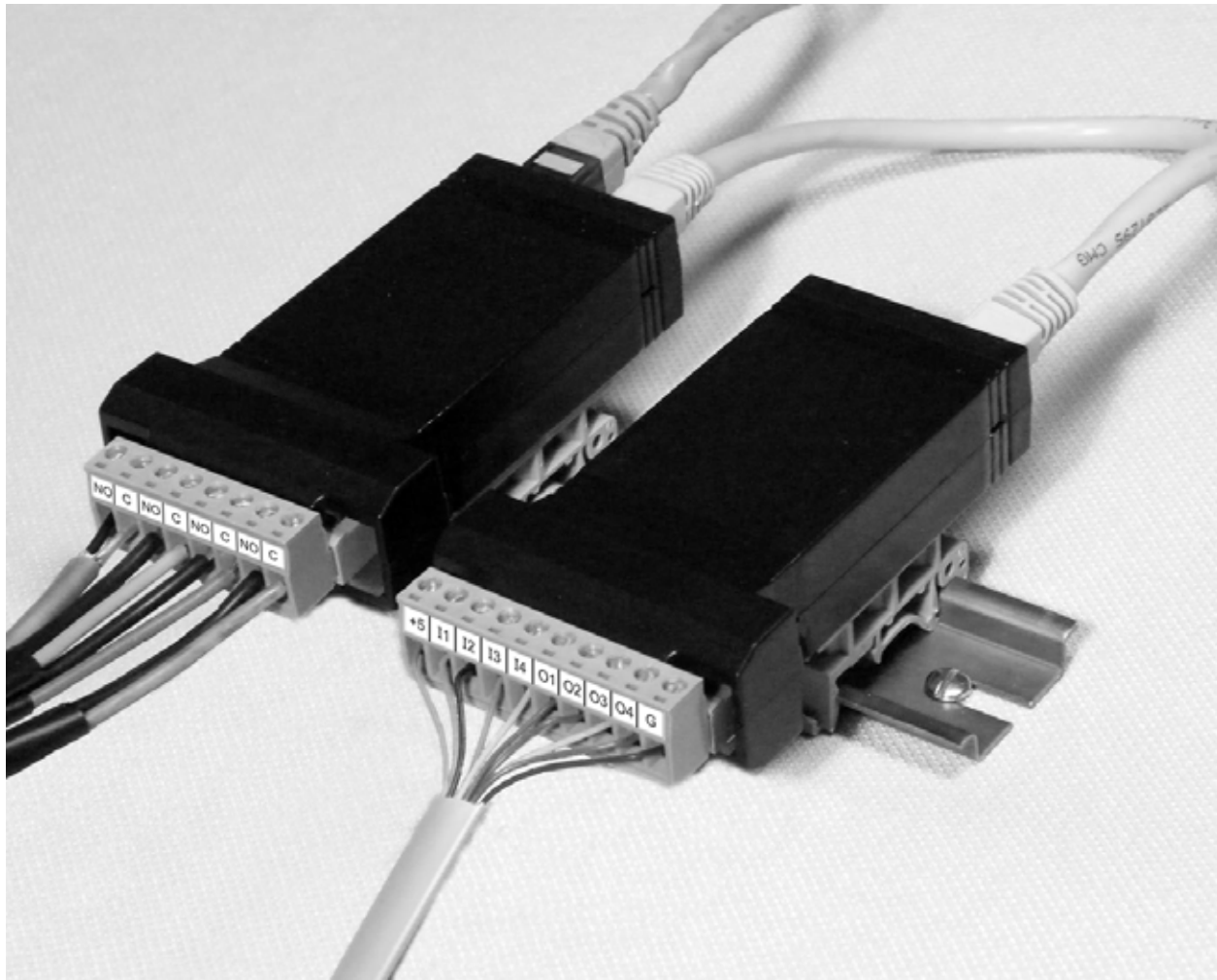




## Installation and Maintenance Instructions for 101B224-01 DIN-Rail Mounting Kit



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## KEY FEATURES

- Provides Convenient Way to Mount One or Two Modules to a DIN Rail
- Great for DM61 Serial Adapters & Converters and Expansion Modules
- 6" (152.4 mm) DIN Rail Included
- Four Mounting Clips with Adhesive Backing

## OVERVIEW

The 101B224-01 DIN Rail Mounting Kit provides a convenient way to mount Ashcroft expansion modules and serial adapters & converters.

## CONTENTS

The contents of the mounting kit are shown in Figure 1 and contain enough parts to mount two modules and includes:

- (1) 6" (152.4 mm) Length of DIN Rail
- (4) Mounting Clips with Adhesive Backing

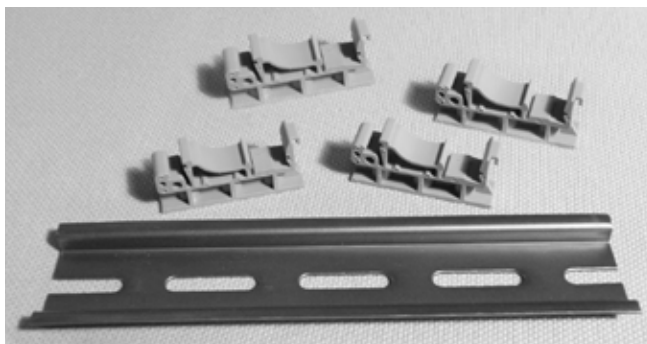


Figure 1. DIN Rail Mounting Kit for 2 modules

## MOUNTING INSTRUCTIONS

### Step 1: Mounting the DIN Rail Clips to 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 as shown in Figure 2.

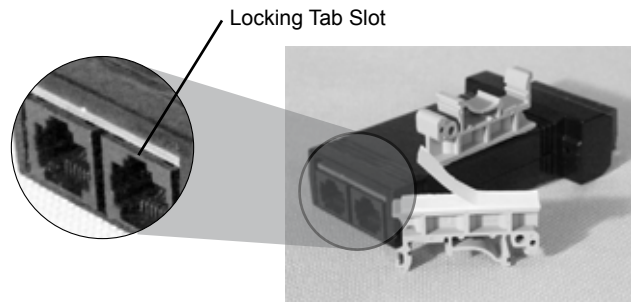


Figure 2. DIN Rail Clips Mounted to Expansion Module

Peel the protective layer off the adhesive tape on the bottom of one of the mounting clips. With the hinge end of the clip, as shown in Figure 3, 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 as shown in Figure 4.



Figure 3. Hinge & Latch End of DIN Rail Clip



Figure 4. DIN Rail Clips Mounted to Module



Figure 5. Examples of Clips Mounted to Modules

Firmly press down on the clip for 10 seconds. Repeat this procedure on the adjacent side. Once the clips are properly installed, the modules with clips mounted should look similar to one or both of the modules pictured in Figure 5. While the adhesive is initially quite strong, this strength improves significantly over a period of approximately 12 hours.

### Step 2: Mounting the DIN Rail to a Surface

The expansion modules, serial adapters and serial converters weigh approximately 1.5 oz (42 grams) each so the mounting hardware does not need to be overly strong. We recommend two #10 pan head screws as shown in Figure 6, but only because they best accommodate the slots in the DIN rail. The amount of strain the wiring might place on the module mounting needs to be considered also. In many cases, DIN rail with double-sided tape might be acceptable, although not recommended in areas of high vibration or extreme hot or cold temperatures.



Figure 6. Mounting the DIN Rail with 2 #10 pan head screws

When choosing a location to mount the DIN rail, keep in mind that wires will be entering both ends of the modules as shown in Figure 7. Leave enough room on either end of module to allow for wire routing to prevent undue stress placed on the module's connectors and mounting clips. The DIN rail may be mounted on any vertical or horizontal mounting surface.



Figure 7. Example of Modules Mounted to DIN Rail

### Step 3: Mounting Modules to the DIN Rail

To mount modules to DIN rail, first locate the approximate desired position to place the module on the DIN rail, then hook the hinge end of the mounting clip to the edge of the DIN rail as shown in Figure 8. Next 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 will look like Figure 9 once modules are mounted to the DIN rail.

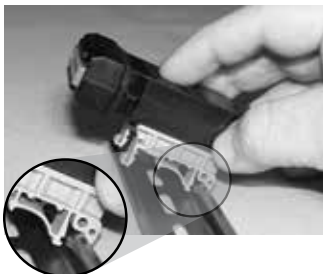


Figure 8. Snapping the Module to the DIN Rail



Figure 9. Typical Installation of DIN Rail Mounted Devices

### Step 4: Connections

After mounting the device(s), refer to the Instruction Manual for each module for proper connections and operation.

## ORDERING INFORMATION

Ordering Guide	
Model	Description
101B224-01	DIN Rail Mounting Kit for 2 expansion modules, serial adapters and converters

## COMPATIBLE DEVICES

The 101B224-01 DIN Rail mounting kit can be used with the following Ashcroft modules:

Model	Description
101B224-03	4 Relays Expansion Module
101B224-04	Digital I/O Expansion Module (4 Inputs & 4 Outputs)
101B224-06	RS-232 Serial Adapter
101B224-07	RS-422/485 Serial Adapter

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### ⚠ WARNING

Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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