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Find the *National Instruments 185576-15* at our website: ***Click HERE***

INSTALLATION GUIDE

FieldPoint™ Bus Extender Cable

The FieldPoint Bus Extender Cable lets you mount a FieldPoint bank in two or three rows. With the Bus Extender Cable, you can mount rows of modules with terminal blocks together (bottom-to-bottom) or with terminal blocks apart (top-to-top). Mounting modules with terminal blocks together lets you use one wiring conduit for two rows of modules.

Caution You should not use more than two FieldPoint Bus Extender Cables per FieldPoint bank.

Caution Disconnect power from the network module and terminal bases before you install the Bus Extender Cable. Do not disconnect a Bus Extender Cable while the FieldPoint bank is powered on.

Follow these instructions to install a FieldPoint bank with a Bus Extender Cable:

1. Choose a configuration for your FieldPoint bank. Figure 1 shows configuration examples with two rows. You can use up to three rows.

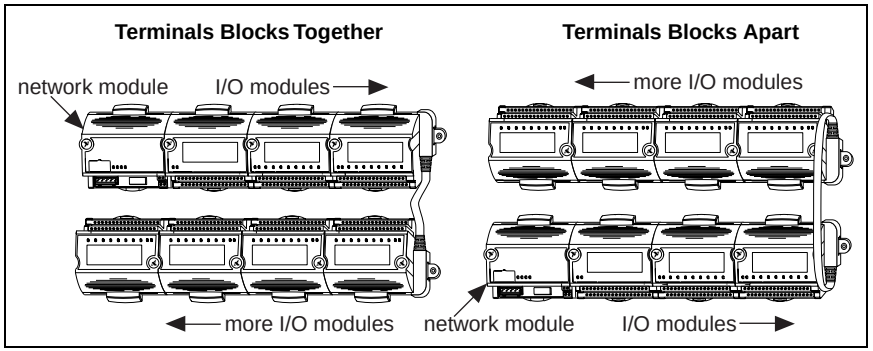


Figure 1. FieldPoint Bank Configuration Options

2. Install your network module and terminal bases. Figure 2 shows how to mount terminal bases with their terminal blocks together. Figure 3 shows how to mount terminal bases with their terminal blocks apart. For more detailed information on mounting these devices to a DIN rail or panel, refer to the documentation that came with your FieldPoint network modules and terminal bases.

322174B-01 Jun99

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3. If you plan to mount the cable to a wall or panel, drill pilot mounting holes, as shown in Figures 2 and 3.

Note Securing the cable to the wall or panel helps prevent accidental disconnection.

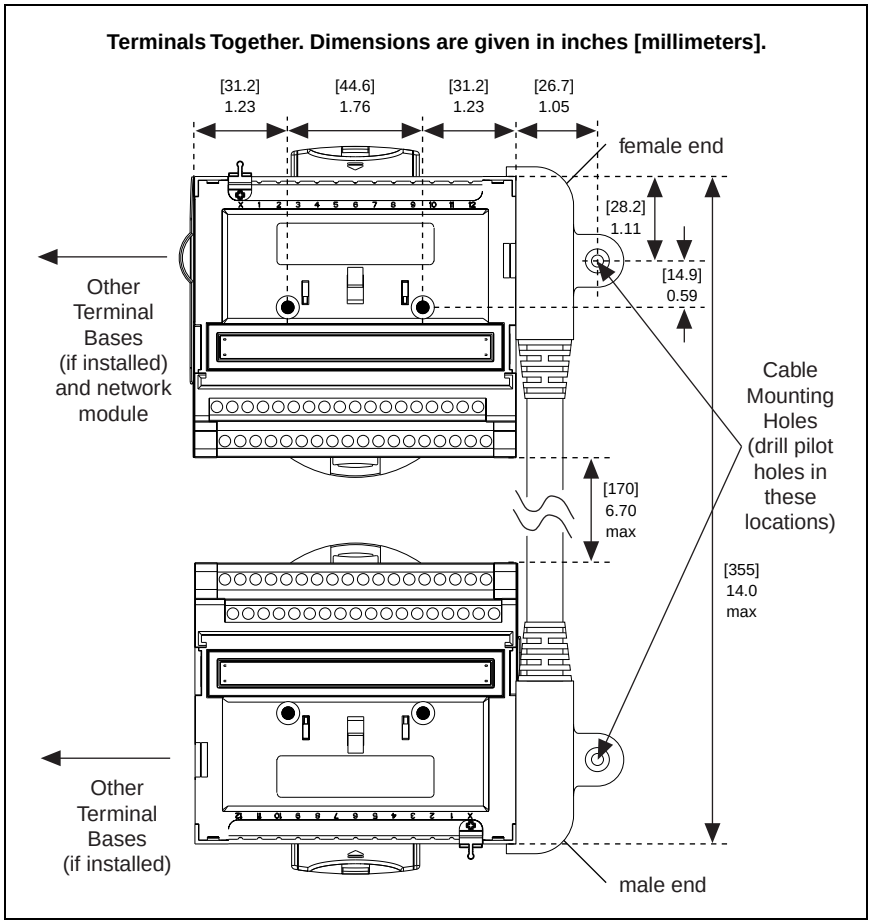


Figure 2. Mounting with Terminal Blocks Together

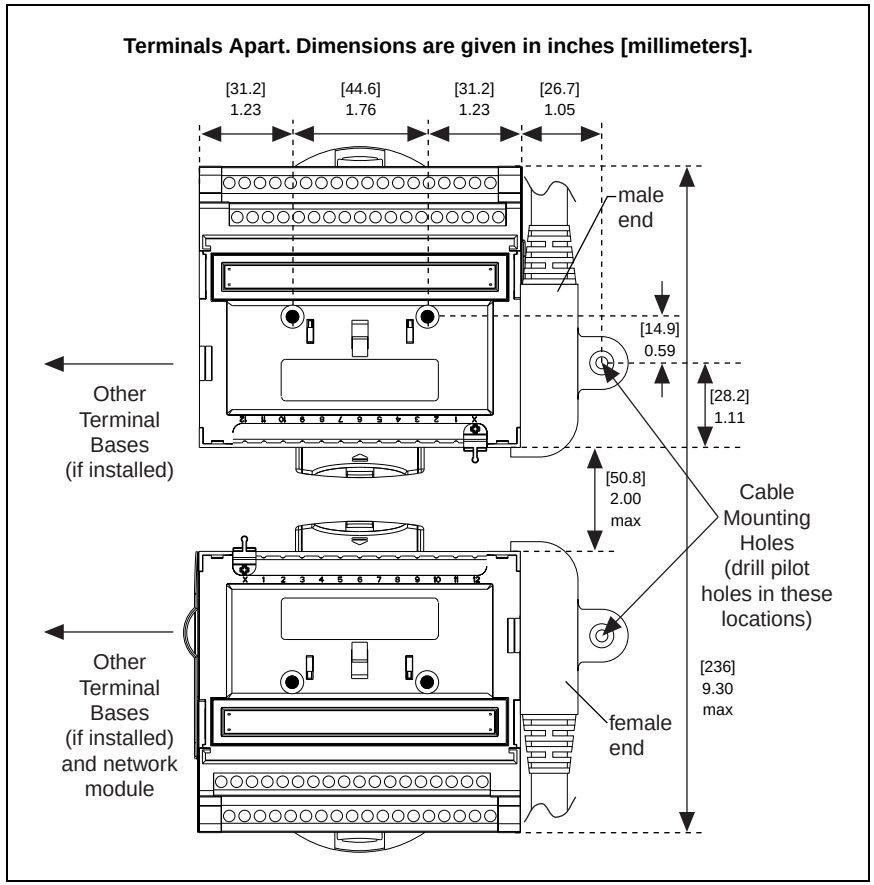


Figure 3. Mounting with Terminal Blocks Apart

4. Install your Bus Extender Cable. The female end of the cable plugs into the terminal base closer to the network module, and the male end plugs into the terminal base farther from the network module. The cables are keyed to prevent improper installation.
5. If you drilled holes in Step 3, secure the Bus Extender Cable by driving a screw through the mounting tab holes and into the pilot holes. Place the plastic spacers (included with the cable) behind the mounting tab. Use the thin spacers when the FieldPoint bank is mounted directly to a wall or panel. Use the thick spacers when the FieldPoint bank is mounted on a DIN rail.

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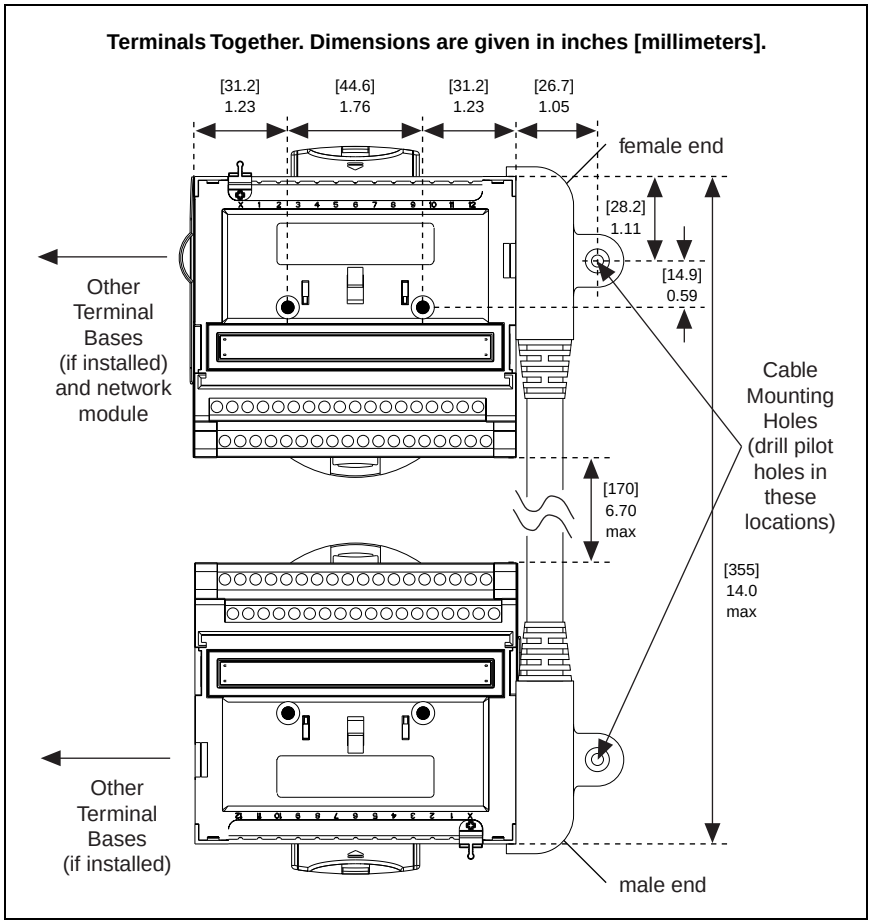


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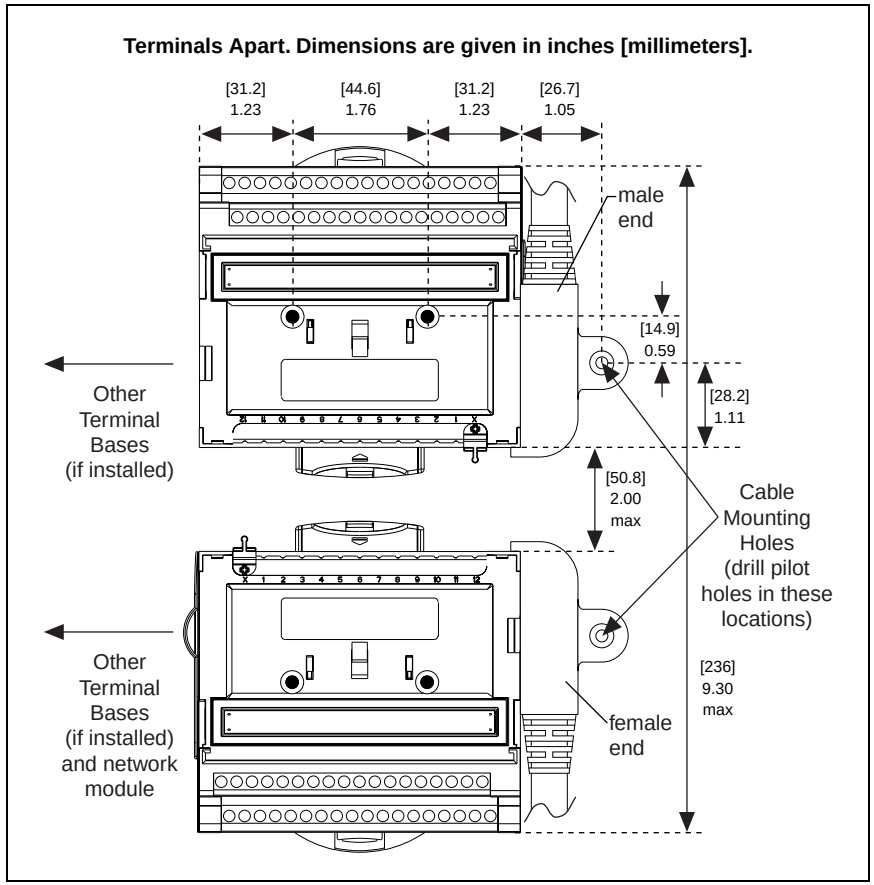


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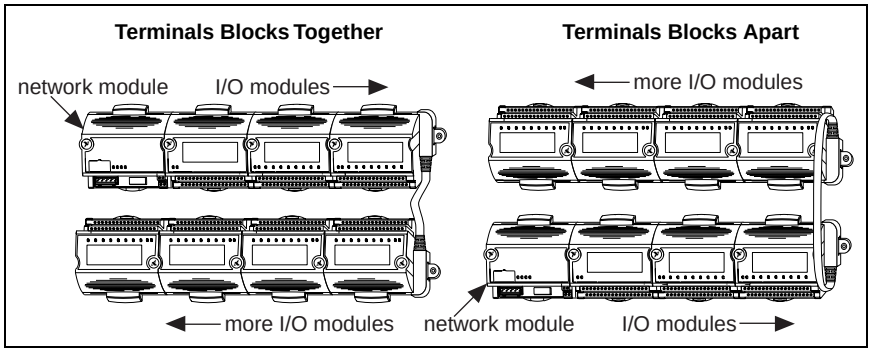


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