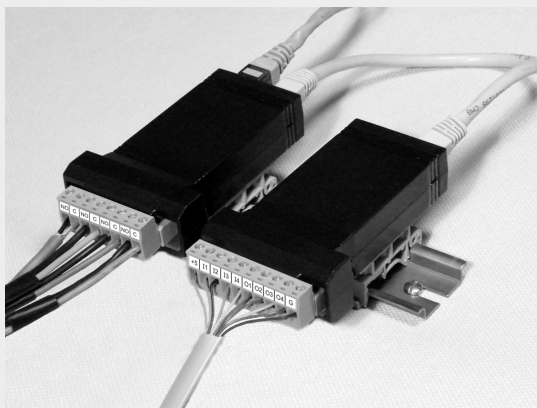


DIN-Rail Mounting Kit

SITRANS RD300

Operating Instructions • 05/2013



SITRANS

SIEMENS

Safety Guidelines: Warning notices must be observed to ensure personal safety as well as that of others, and to protect the product and the connected equipment. These warning notices are accompanied by a clarification of the level of caution to be observed.

Qualified Personnel: This device/system may only be set up and operated in conjunction with this manual. Qualified personnel are only authorized to install and operate this equipment in accordance with established safety practices and standards.

Unit Repair and Excluded Liability:

- The user is responsible for all changes and repairs made to the device by the user or the user's agent.
- All new components are to be provided by Siemens Milltronics Process Instruments.
- Restrict repair to faulty components only.
- Do not reuse faulty components.

WARNING: Cardboard shipping package provides limited humidity and moisture protection. This product can only function properly and safely if it is correctly transported, stored, installed, set up, operated, and maintained.

This product is intended for use in industrial areas. Operation of this equipment in a residential area may cause interference to several frequency based communications.

Note: Always use product in accordance with specifications.

Copyright Siemens AG 2013. All Rights Reserved

This document is available in bound version and in electronic version. We encourage users to purchase authorized bound manuals, or to view electronic versions as designed and authored by Siemens Milltronics Process Instruments. Siemens Milltronics Process Instruments will not be responsible for the contents of partial or whole reproductions of either bound or electronic versions.

Disclaimer of Liability

While we have verified the contents of this manual for agreement with the instrumentation described, variations remain possible. Thus we cannot guarantee full agreement. The contents of this manual are regularly reviewed and corrections are included in subsequent editions. We welcome all suggestions for improvement.

Technical data subject to change.

MILLTRONICS® is a registered trademark of Siemens Milltronics Process Instruments.

Contact SMPI Technical Publications at the following address:

Technical Publications
Siemens AG
Siemens Milltronics Process Instruments
1954 Technology Drive, P.O. Box 4225
Peterborough, Ontario, Canada, K9J 7B1
Email: techpubs.smpi@siemens.com

European Authorized Representative

Siemens AG
Industry Sector
76181 Karlsruhe
Deutschland

- For a selection of Siemens Milltronics level measurement manuals, go to: **www.siemens.com/processautomation**. Under Process Instrumentation, select *Level Measurement* and then go to the manual archive listed under the product family.
- For a selection of Siemens Milltronics weighing manuals, go to: **www.siemens.com/processautomation**. Under Weighing Technology, select *Continuous Weighing Systems* and then go to the manual archive listed under the product family.

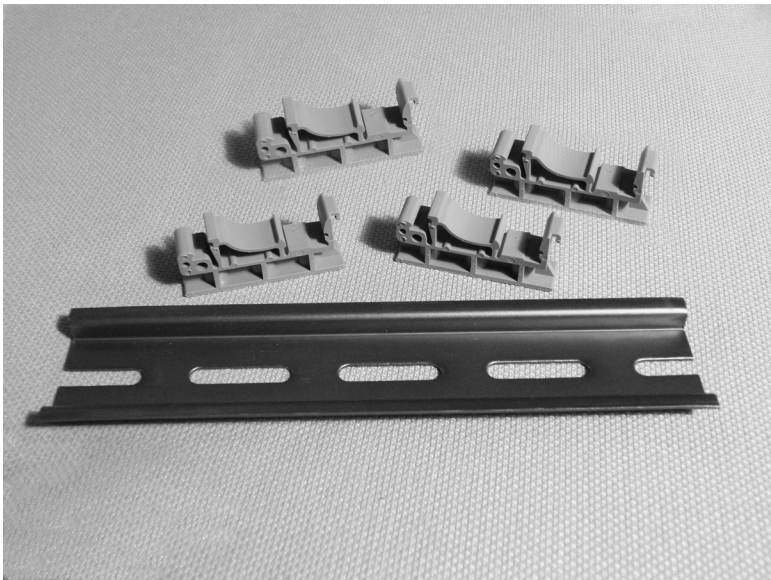
The Manual

This manual provides instruction for the DIN-rail mounting kit. The manual provides information on the following

- Installation requirements

OVERVIEW

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.

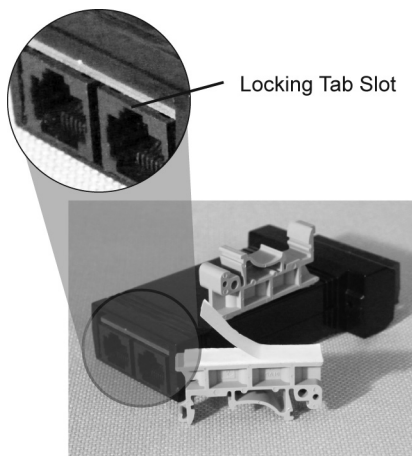


INSTRUCTIONS

Step 1

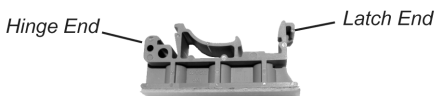
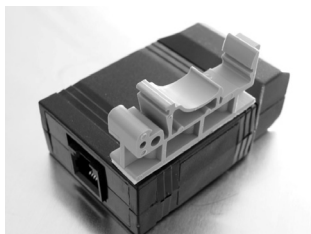
Mounting the DIN-rail clips to the module

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.

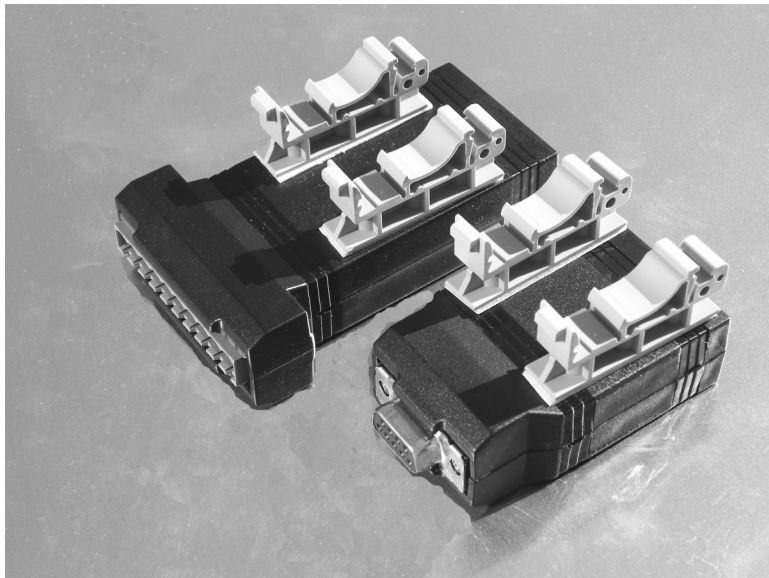


Expansion Module Example

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.



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 Assembly

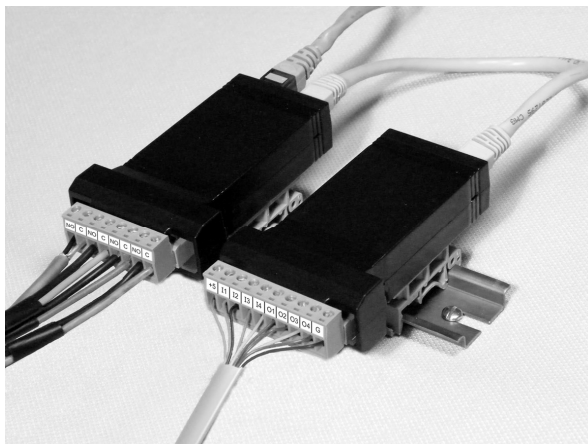
Step 2

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



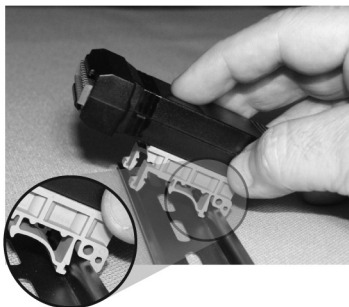
cases, you may find mounting the DIN-rail with double-sided tape might be acceptable (not recommended in areas of high vibration or temperatures outside the range of 45 to 95°F). When choosing a location to mount the DIN-rail, keep in mind that wires will be entering both ends of the modules (see picture shown below). 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 DIN-rail

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.



Step 4

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

Notes

Notes

Notes

For more information

www.siemens.com/level

www.siemens.com/weighing

Siemens AG
Industry Sector
1954 Technology Drive
P.O. Box 4225
Peterborough, ON
Canada K9J7B1

email: techpubs.smpi@siemens.com

www.siemens.com/processautomation

Subject to change without prior notice
A5E31979181 Rev. AA

© Siemens AG 2013

A5E31979181

Printed in Canada

LIM1002SI_A
05/13