

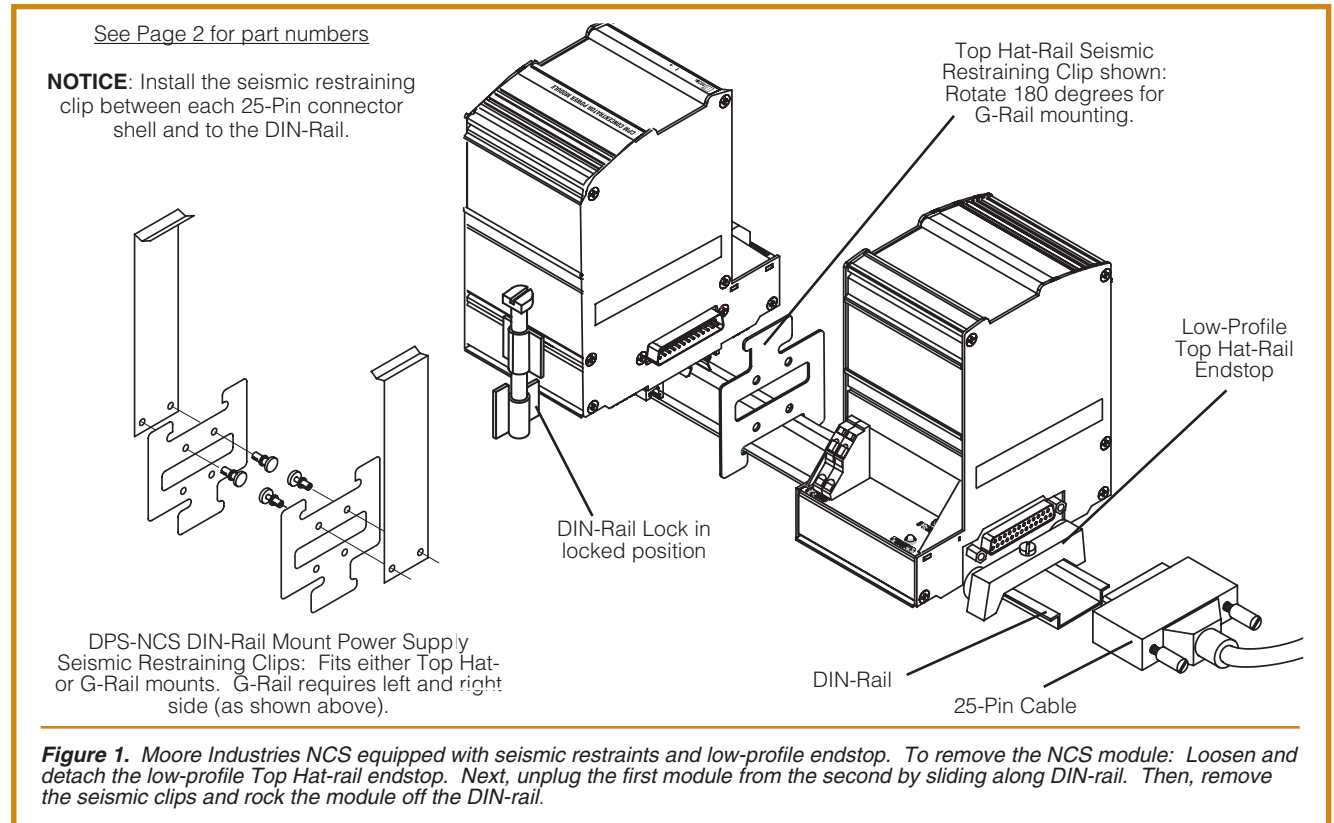
June 2008

## Description

Moore Industries' rugged metal housings are built to withstand the rigors of demanding industrial conditions. However, sometimes conditions are beyond demanding, such as those encountered during earthquakes, tornados, and other conditions that result in exposure to extreme vibration. Moore Industries' DIN-mount seismic locks and clips, along with endstops, provide an economical layer

of protection against vibration. Seismic clips safely secure Moore Industries' signal interface instruments to DIN-mount configurations, while endstops prevent side-to-side movement. DIN-rail locks prevent modules from rocking off the DIN-rail.

Figure 1 illustrates seismic clip configurations used to protect the Moore Industries' NCS NET Concentrator System<sup>®</sup> with 25-pin interconnecting sockets.



## Endstops

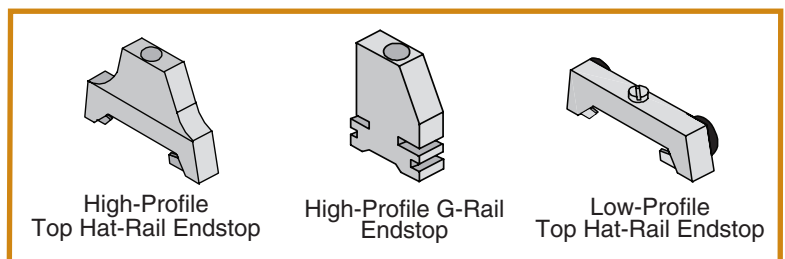
Endstops prevent modules from disconnecting due to slipping side-to-side on their rails. Moore Industries supplies a variety of endstops designed to be quickly installed to secure DIN-mounted modules.

### To Install:

1. Slide endstop over end of DIN-rail (See low-profile endstop in Figure 1).
2. Tighten screw snugly to DIN-rail.

NOTE: Only cabled modules require the low-profile Top Hat-rail endstop (Figure 2).

**Figure 2.** Moore Industries' universal DIN-mount endstops are available in a variety of configurations to accommodate any Top Hat- or G-rail installation.



# SEISMIC CLIPS

## DIN-Rail Locks and Endstops

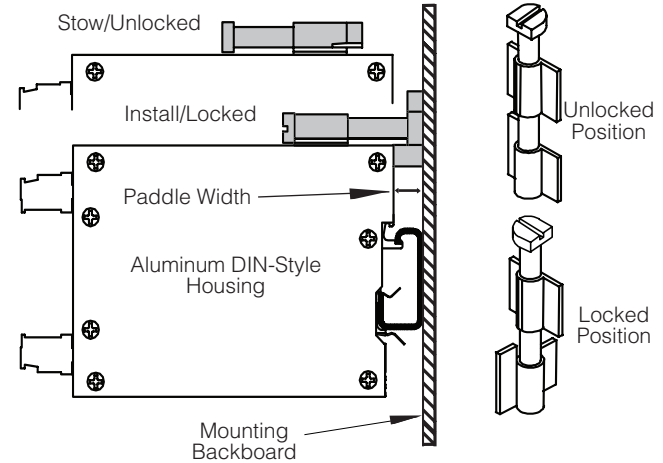
### DIN-Rail Lock Assemblies

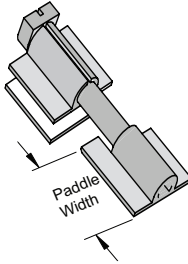
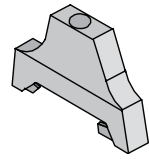
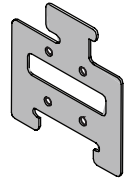
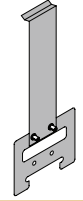
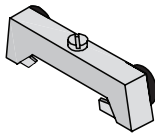
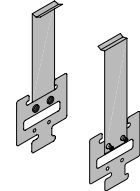
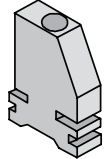
Moore Industries provides a line of module-mounted DIN-rail locks designed to prevent DIN-rail-mounted modules from rocking off the mounting rail. The clips secure easily to the top of Moore Industries' aluminum housings and can be in locked, or unlocked positions for easy module removal (see Figure 3). When locked, the clip fits snugly in the gap between the rear of the module and the rail backboard.

#### To Install:

1. Determine the applicable DIN-rail lock based on the width between the module and the backboard (module must be mounted to rail).
2. Fully extend lock and fit in place, making sure paddle is snug between module and backboard.
3. Remove back of adhesive pad and mount lock on top of module.

**Figure 3.** Moore Industries universal DIN-rail locks can be easily locked or unlocked for module removal.



Model Number and Description		Model Number and Description	
<p><b>DIN-Rail Locks</b> P/N 208-826-01 Paddle Widths - 0.2/0.4 cm Use with: ACX, CCS, ECA-DIN, ECT-DIN, FCT, HIX, RIY, SIX, SIY, TDY, THZ<sup>2</sup>, TIY, TRY, and TRX models.</p> 		<p><b>High-Profile Top Hat-Rail Endstop</b> P/N 803-981-27 Designed for Top Hat-rail installations. The high profile provides increased stability. Specify for all Moore Industries DIN-rail mount instruments.</p> 	
<p>P/N 208-826-02 Paddle Widths - 0.5/0.7 cm Use with: CPA, CPT, HCS, HIM, SPT, SPA2, SPA and TMZ models.</p>		<p><b>Seismic Restraining Clip</b> P/N 163-214-14 Designed for NCS Top Hat-rail installations. NOTE: This part can be rotated 180 degrees for G-rail use.</p> 	
<p>P/N 208-826-03 Paddle Widths - 0.6/0.8 cm Use with the NCS NET Concentrator System.</p>		<p><b>DPS-NCS Seismic Restraining Clip</b> P/N 207-889-00 This clip is designed for DPS-NCS Top Hat-rail installations and can be used on either the left or right side of the DPS module.</p> 	
<p><b>Low-Profile Top Hat-Rail Endstop</b> P/N 163-214-23 Designed for end-cabled NCS modules installed on Top Hat-rail.</p> 		<p><b>DPS-NCS Seismic Restraining Clip</b> P/N 208-889-02 (right side) or P/N 208-889-01 (left side) These clips are designed for DPS-NCS G-rail installations and require a separate right and left side.</p> 	
<p><b>High-Profile G-Rail Endstop</b> P/N 803-947-27 Designed for all G-rail installations. Specify for all Moore Industries DIN-rail mount instruments.</p> 			



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