RS Enclosure instruction manual

RS Enclosure rail installation

This instruction sheet covers methods required to move, adjust and operate equipment rails within the Eaton RS Enclosure.

Rail position adjustment

To reposition an equipment rail,
1. Flip open two blue cam levers.
2. Slide equipment rail forward or back to desired position.
3. Align diamond cutout on rail with desired hash marks on enclosure’s side members (hash mark spacing is 10 mm, or approximately 3/8”).
4. Ensure that rail is aligned vertically.
5. Flip the cam levers to the locked position.

On heavy loads,
1. Use Rail Set Screw kit # RSRLKIT, to secure and lock position of rails, prior to loading cabinet.

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800 mm wide - mount to inner rail channels
Removing an equipment rail
1. Flip open two blue cam levers.
2. Tilt top of rail forward or back to unseat rails hanger brackets;
3. Lift and remove rail from enclosure’s side members.

Installing cage nuts*
1. Cage nuts must be installed horizontally into equipment rail’s square holes with retention ears engaging vertical sides of square holes.
   * A clip nut that is installed vertically will not engage properly and is in danger of falling out of square hole.
2. Cage nuts must be installed into rear face of equipment rail, opposite equipment mounting face.
3. Angle cage nut into square hole, engaging one of its retention ears. Use a cage nut installation tool to grab remaining retention ear, pulling cage nut fully into square hole.

Rails come in two versions, standard square holes and tapped 12-24 holes. Hardware kits of cage nuts and screws are provided to facilitate mounting of equipment.

Rail system kits and contents
Kit M6 Hardware, V3CAGEM
Kit 12-24 Hardware, JHK1224

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