

Quickrails Installation Instructions

Rel. 1.0 February 2012

I Rack mounting – Safety Instruction

- A) Elevated Operating Ambient – If installed in a closer or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.
- B) Reduced Air Flow – Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
- C) Mechanical Loading – Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- D) Circuit Overloading – Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- E) Reliable Earthing – Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

II Technical Instruction

Applies to:

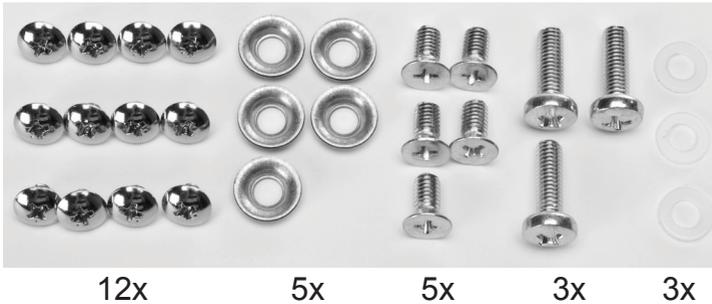
- short rails – short 1U/2U chassis
- long rails – long/short 1U/2U chassis

Rail set consists of:

- 1x pair of rails – long or short rails
- 1x screw set

Screw set consists of:

- 12x raised head Phillips screw M4 x 4mm (2 in reserve)
- 5x countersink Phillips screw M5 x 10mm (1 in reserve)
- 5x deep-drawn washer M5 (1 in reserve)
- 3x raised head Phillips screw M5 x 16mm (1 in reserve)
- 3x plastic washer M5 (1 in reserve)



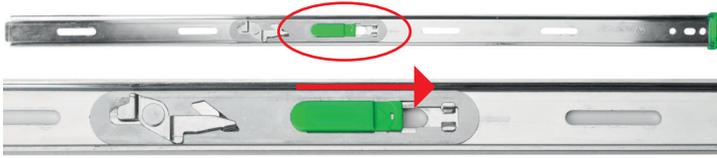
1) Rails

- pair of short rails
- pair of long rails



2) Rail installation on chassis

Push slider to pull out the inner part of the rail.



Use Phillips M4 x 4mm to mount the inner part of the rails on the chassis.

Long chassis – long rails: 5 screws per rails



Short chassis – short rails: 4 screws per rail



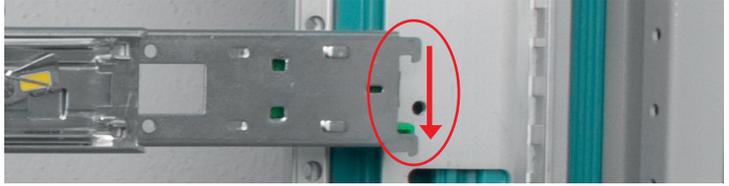
Short chassis – long rails: 4 screws per rail



Exception: 2U short chassis has one additional screw point near at the end of chassis

3. Rail installation

As this are quick-release rails, there's a left rail and a right rail. Make sure that the mounting hooks point downwards.



Snap in the rail on the front side of the rack and pull it to the rear side to snap it in.



Fasten the rail on the rear side by using one deep-drawn washer and one countersink Phillips screw M5 x 10mm per rail.

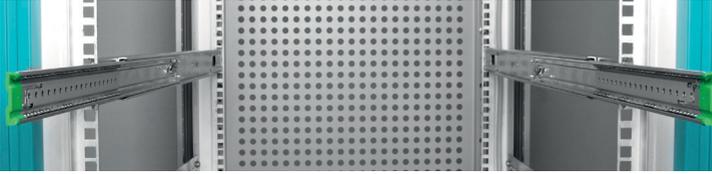
1U/2U rear side, 2U front:



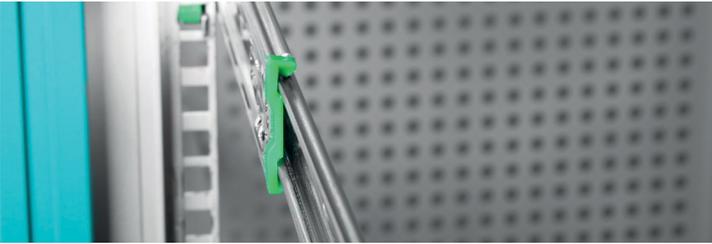
1U front: leave screw hole blank, as this is need for chassis locking

4. Chassis installation

Pull out the telescopic part of the rails.



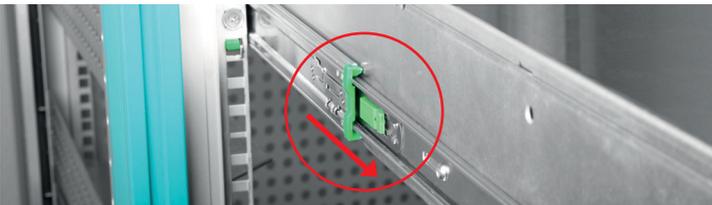
Insert the inner part into the rail. Make sure to insert it properly.



Push the chassis into the rack until both rails snap in.



Pull each slider to the front and push the chassis completely into the rack.



5. Chassis locking

1U chassis:

Use one raised head Phillips screw M5 x 16mm and one plastic washer M5 per rail.



2U chassis:

Please use two cage nuts and screws of your rack and lock the chassis as shown below.



