Mounting Guide of Q6DIN1A: Adapters (with Vibration-proofing
Structural Devices/Parts)

When using a DIN rail, DIN rail mounting screws (user prepared) should be tightened at intervals of 200 mm (7.88 inch) or less in order to ensure that the rail has sufficient strength.

The following shows the procedure for mounting the stoppers and mounting brackets to the base unit.

1. Component

This product is the set of adapters for DIN rail mounting included with vibration-proofing brackets to improve resistance to vibration when mounting Q base unit to the DIN rail.

2) DIN rail mounting screw intervals

To facilitate the mounting operation of Q6DIN1A mounting brackets, make room (50mm (1.97 inch) or more) between the right/left edge of the base unit and the structural devices/parts.

3) Mounting procedure of stoppers and mounting brackets

1) Loosen a locking screw of a mounting nut come off.)
2) Setting the mounting bracket in the direction that L (left) / R (right) printing is not upside down, hitch the lower hook to the bottom of the DIN rail. Then, hitch the upper hook of the stopper to the top of the DIN rail.
3) Slide the mounting bracket L to the position A (base unit bottom), screw the DIN rail in three places using the included mounting screws and square washers.

4) Module mounting screw (M4 1.00 to 1.35N m)

4) Temporary set the module mounting screw to the upper hole of the DIN rail. (Hitch the hooks of the adapter (large) and adapter (small) to the DIN rail.)

5) Mount the base unit to the DIN rail with the left-upper side pear-shaped hole of the base unit placing onto the module mounting screw temporary set. (Hitch the hooks of the adapter (large) and adapter (small) to the DIN rail.)

6) Fix the base unit and the mounting bracket L using the module mounting screw. (Tightening torque 1.00 to 1.35N m)

7) Square washer

8) Fix the base unit and the mounting bracket R using the locking screw of the DIN rail.

9) Side view A

(TH35-7.5Fe
TH35-7.5AI
TH35-15Fe

Applicable base unit

Q00JCPU 245mm (9.65 inch) 273mm (10.74 inch)
Q35B 245mm (9.65 inch) 273mm (10.74 inch)
Q35SB 197.5mm (7.78 inch) 233mm (9.17 inch)
Q38B 328mm (12.91 inch) 356mm (14.02 inch)
Q38RB 439mm (17.28 inch) 467mm (18.39 inch)
Q33SB 142mm (5.59 inch) 177mm (6.97 inch)
Q32SB 114mm (4.49 inch) 149mm (5.87 inch)
Q035B 197.5mm (7.78 inch) 233mm (9.17 inch)
Q038B 296.5mm (11.68 inch) 324mm (12.76 inch)
Q33SB 142mm (5.59 inch) 177mm (6.97 inch)
Q035SB 197.5mm (7.78 inch) 233mm (9.17 inch)
Q038SB 300mm (11.81 inch) 328mm (12.87 inch)
Q35SB 197.5mm (7.78 inch) 233mm (9.17 inch)
Q035B 197.5mm (7.78 inch) 233mm (9.17 inch)
Q035SB 197.5mm (7.78 inch) 233mm (9.17 inch)
Q35SB 197.5mm (7.78 inch) 233mm (9.17 inch)
Q38RB 439mm (17.28 inch) 467mm (18.39 inch)
Q63B 189mm (7.44 inch) 215mm (8.46 inch)
Q612B 439mm (17.28 inch) 465mm (18.31 inch)
Q68B 328mm (12.91 inch) 354mm (13.94 inch)
Q68RB 439mm (17.28 inch) 465mm (18.31 inch)
Q65WRB 439mm (17.28 inch) 465mm (18.31 inch)

*1: DIN rail

*2: Square washer

*3: In Position B (where the base unit is not installed), included mounting screws and square washers are not used. Screw the DIN rail with user-prepared mounting screws.

*4: When Q38B, Q312B, Q38RB, Q68B, Q612B, Q68RB or Q65WRB is used>

In Position A (base unit bottom), screw the DIN rail in two places using the included mounting screws and square washers.

*5: DIN rail

*6: Square nut

*7: DIN rail

*8: DIN rail

*9: DIN rail

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