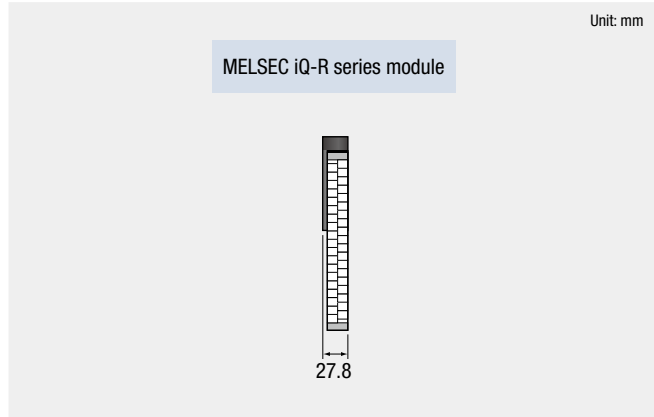


Precautions

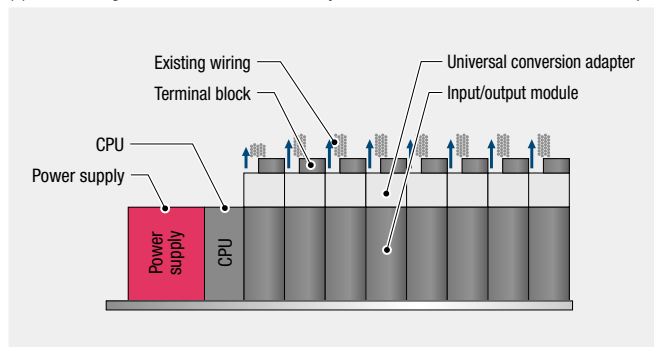
Check that the specifications of MELSEC iQ-R series modules satisfy the specifications of the devices currently connected.
Refer to the user's manuals for the MELSEC iQ-R series module used prior to use.

Module width

(1) The width of MELSEC iQ-R series modules is 27.8mm. The wiring area may become smaller. Check the wiring area when mounting a conversion adapter.

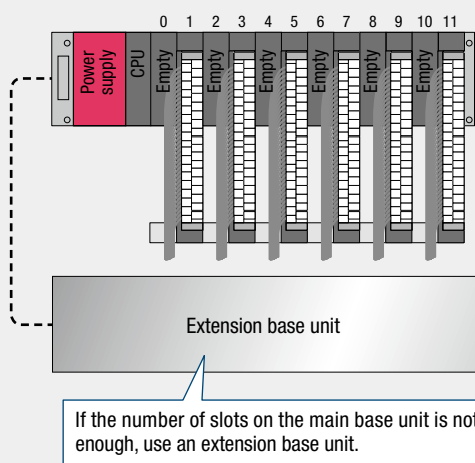


(2) If the wiring causes interference with adjacent modules, lift the cables forward to prevent interference.



(3) If interference still occurs, leave the next slot open to secure a space for wiring.

(Example) When the R312B is used



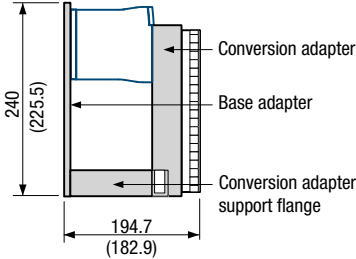
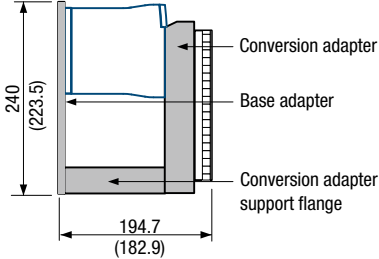
Attach a connector cover included with the base unit or a blank cover module (RG60) to prevent dust from entering connectors where no module is mounted.

(4) If modules cannot be replaced in accordance with (2) and (3), consider the use of the extended temperature range base unit manufactured by Mitsubishi Electric. → P.23

Depth

The depth after replacement is shown below. The depth from the panel surface may increase. Check the depth when mounting a conversion adapter.
Values in parentheses are the dimensions when a base adapter is not used.

MELSEC iQ-R : MELSEC iQ-R series

Universal conversion adapter	ERNT-AQTB20-S1	ERNT-1AR38TB
Depth	194.7mm (182.9mm)	194.7mm (182.9mm)
Height	240mm (225.5mm)	240mm (223.5mm)
Mounting diagram	Unit: mm MELSEC-Q + Upgrade tool product 	Unit: mm MELSEC-Q + Upgrade tool product 

Conversion adapter support flange, base adapter

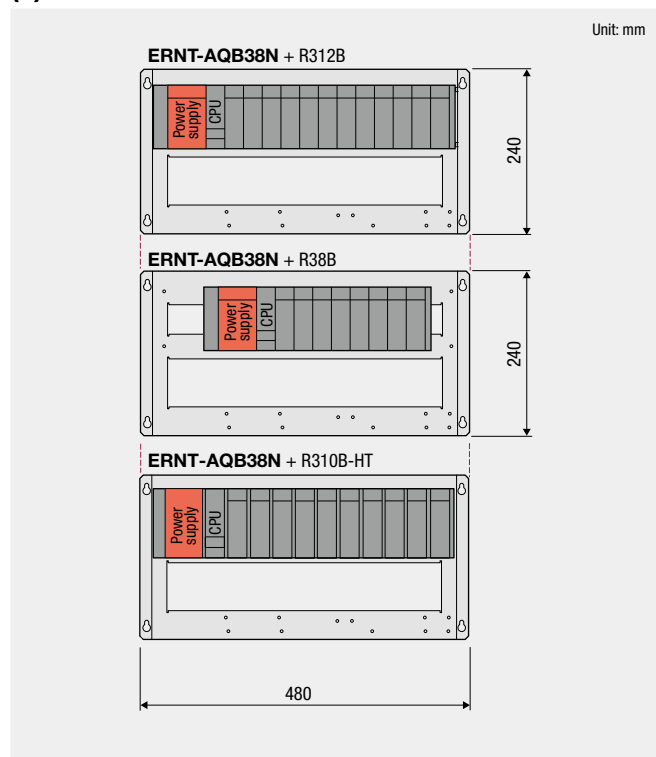
When a universal conversion adapter is used, the conversion adapter support flange is always required.
Also, it is recommended to use a base adapter that enables installation of the MELSEC iQ-R series base unit and the conversion adapter support flange at the same time without drilling any additional installation holes.

Slot positions

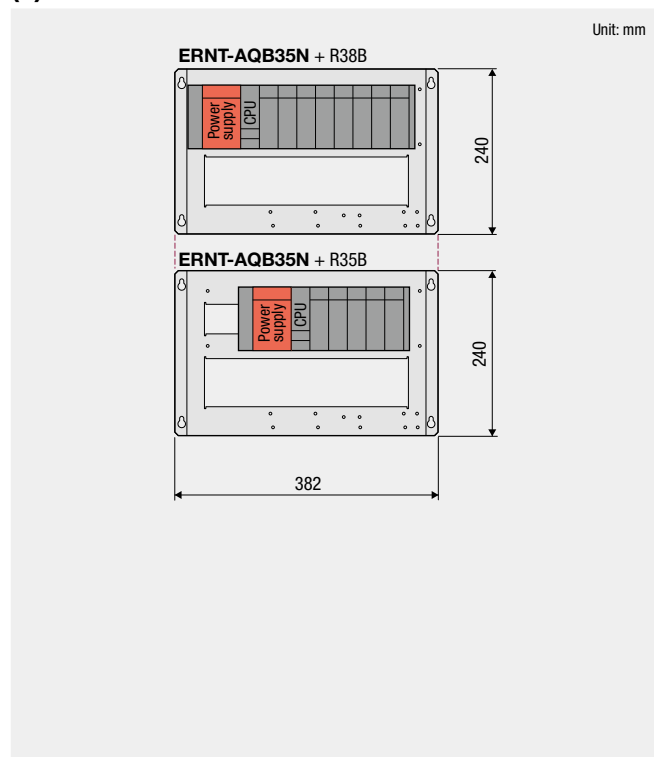
The slot positions will be as follows after replacement.

Change the slot positions of modules and adjust wiring lengths prior to use.

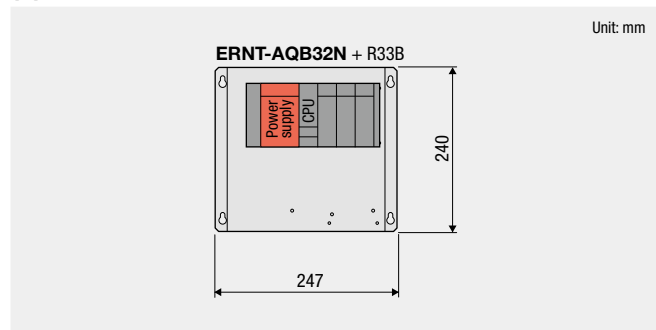
(1) ERNT-AQB38N



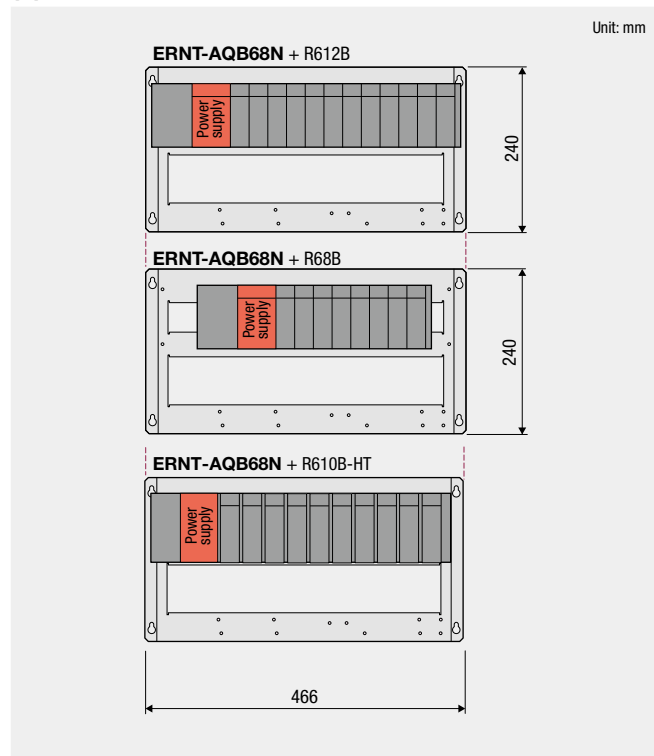
(2) ERNT-AQB35N

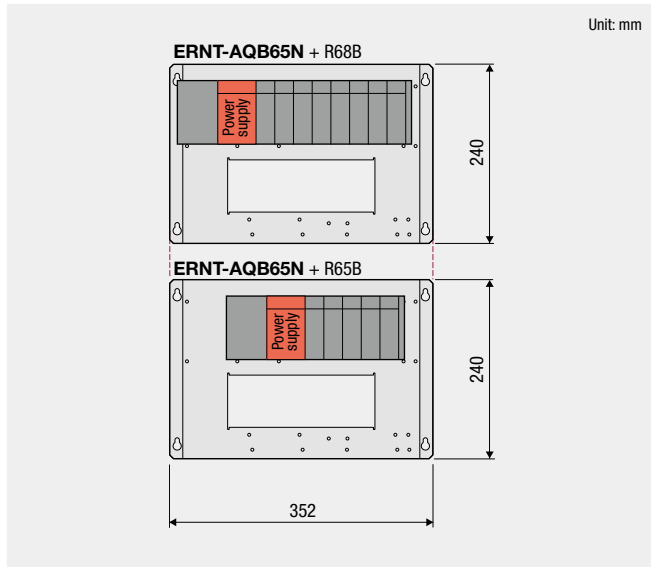
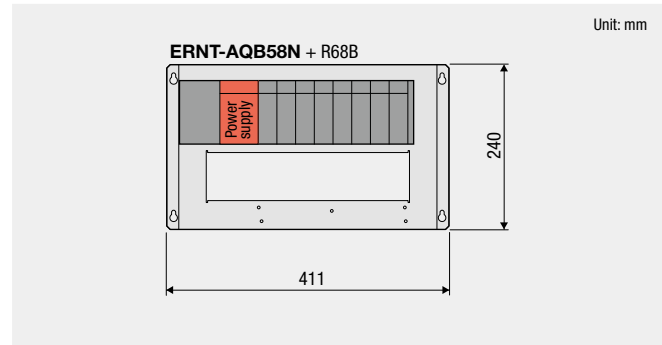


(3) ERNT-AQB32N



(4) ERNT-AQB68N



(5) ERNT-AQB65N**(6) ERNT-AQB58N****(7) ERNT-AQB55N**