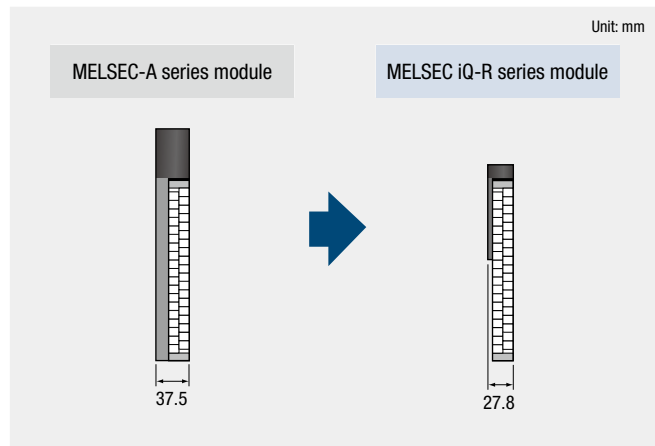


Precautions

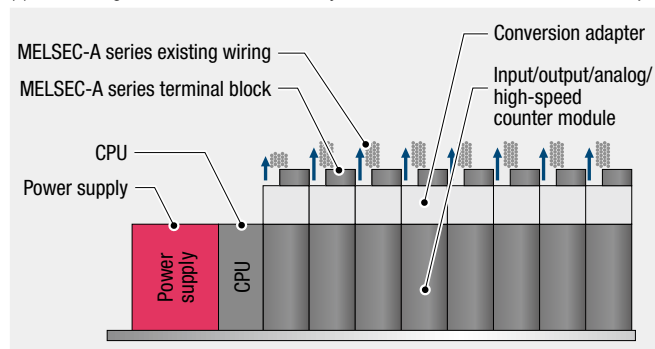
A conversion adapter is used to compensate the difference of the pin assignment when MELSEC-A series large type modules are replaced with MELSEC iQ-R series modules. Before using the product, please read the user's manual for the conversion adapter used. (The user's manuals can be downloaded from our website.) When replacing the MELSEC-A series with the MELSEC iQ-R series, refer to the user's manuals for each MELSEC iQ-R series module to check the differences in performance, functionality, input/output signals to/from the CPU module, and buffer memory addresses. Also, refer to the Transition from MELSEC-A/QnA (Large Type) Series to MELSEC iQ-R Series Handbook published by Mitsubishi Electric. (Recommended)

Module width

- (1) Since the width of MELSEC iQ-R series modules is smaller (MELSEC-A series: 37.5mm → MELSEC iQ-R series: 27.8mm), the wiring area becomes smaller as well. Check the wiring area when mounting a conversion adapter.

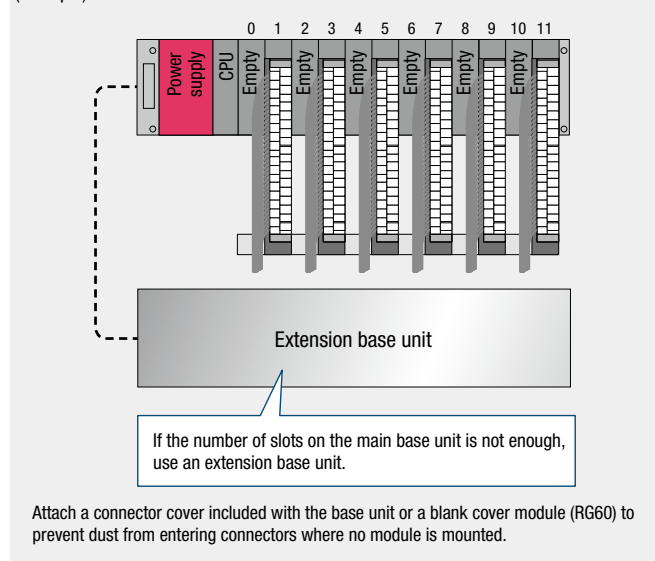


- (2) If the wiring causes interference with adjacent modules, lift the cables forward to prevent interference.



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

(Example) When the R312B is used



- (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.12
- Note) 2-slot type conversion adapters cannot be used.

Depth

The depth from the panel surface increases. Check the depth when mounting a conversion adapter.

MELSEC-A series: Base unit + Input/output/analog/high-speed counter module + Terminal block/connector

MELSEC iQ-R series + Upgrade tool product: Base adapter + Base unit + Input/output/analog/high-speed counter module + Conversion adapter + Terminal block/connector

MELSEC-A : MELSEC-A series MELSEC iQ-R : MELSEC iQ-R series

Conversion adapter	ERNT-1AR10XY ERNT-1AR40Y ERNT-1AR68AD ERNT-1AR68AN ERNT-AQT62DA	ERNT-1AR41X ERNT-1AR41Y ERNT-1AR61D ERNT-AQT68DA	ERNT-1AR11X13Y ERNT-1AR10AY ERNT-1AR51Y ERNT-1AR616AD ERNT-1AR616DA
Depth	184.7mm	194.7mm	
Mounting diagram	MELSEC-A MELSEC iQ-R + Upgrade tool product 130 184.7 54.7mm		MELSEC-A MELSEC iQ-R + Upgrade tool product 140 194.7 54.7mm

Conversion adapter	ERNT-ASLCXY81
Depth	203.9mm
Mounting diagram	MELSEC-A MELSEC iQ-R + Upgrade tool product 177 203.9 26.9mm

Conversion adapter support flange, base adapter

A conversion adapter support flange is always required when a conversion adapter is used.

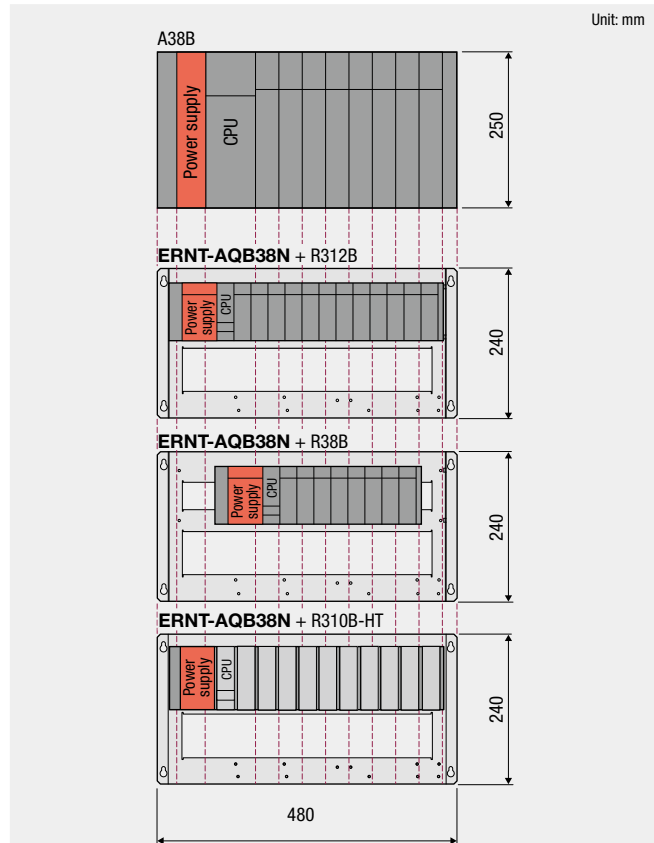
The use of a base adapter is recommended because the MELSEC iQ-R series can be installed using the MELSEC-A series base unit installation holes.

Slot positions

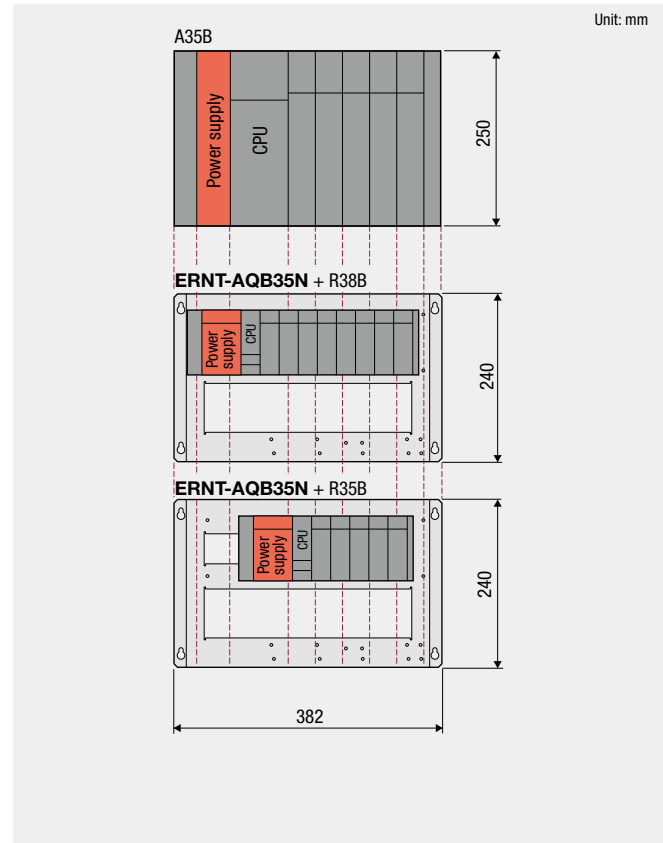
The slot positions differ between the MELSEC-A series modules before replacement and the MELSEC iQ-R series modules after replacement. Change the slot positions of modules and adjust wiring lengths prior to use.

(1) A38B(-UL/-E)/A38HB(EU)

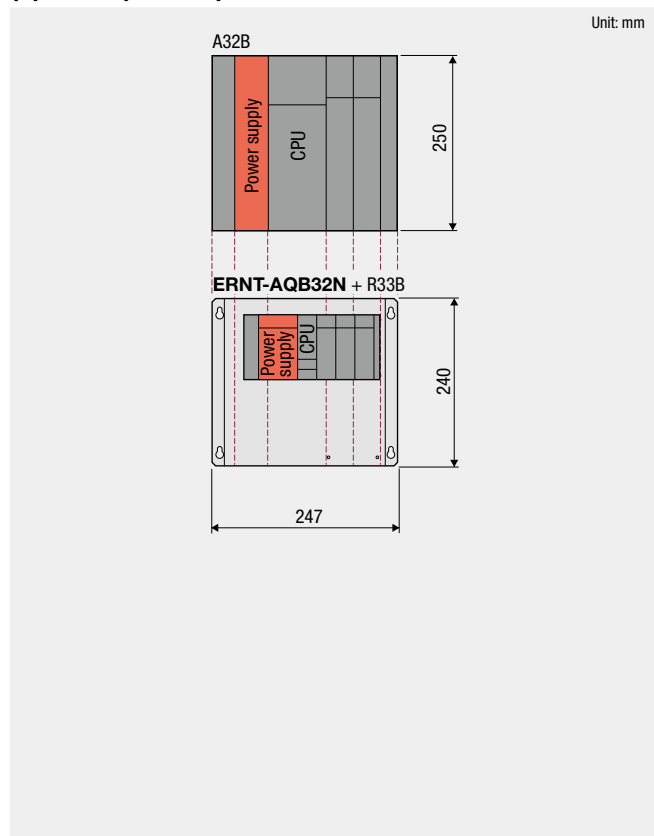
→ R312B, R38B, R310B-HT



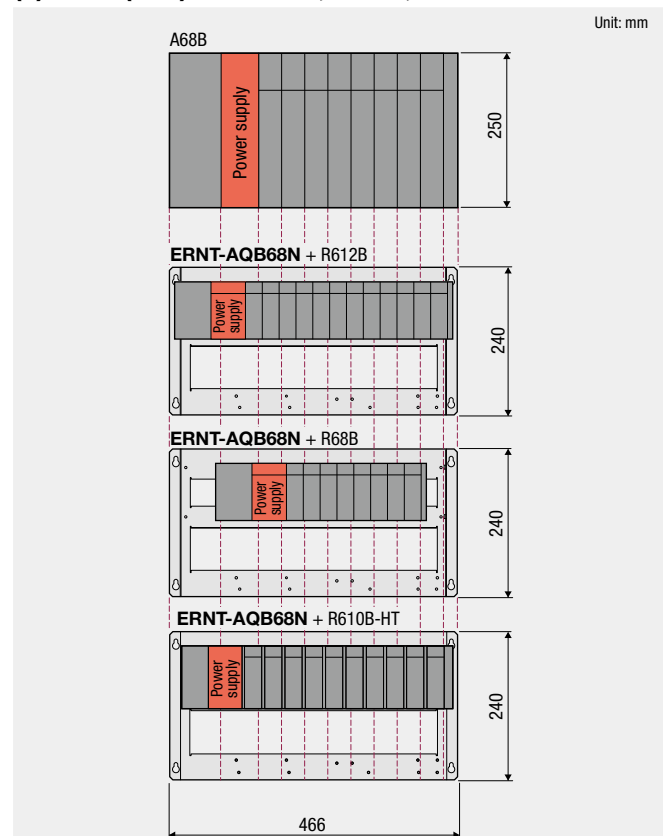
(2) A35B(-UL/-E) → R38B, R35B



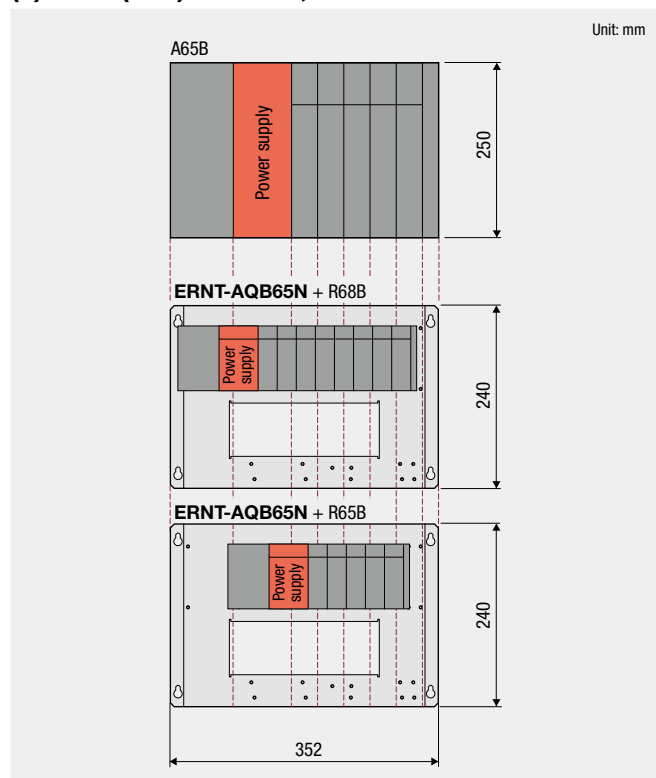
(3) A32B(-UL/-E) → R33B



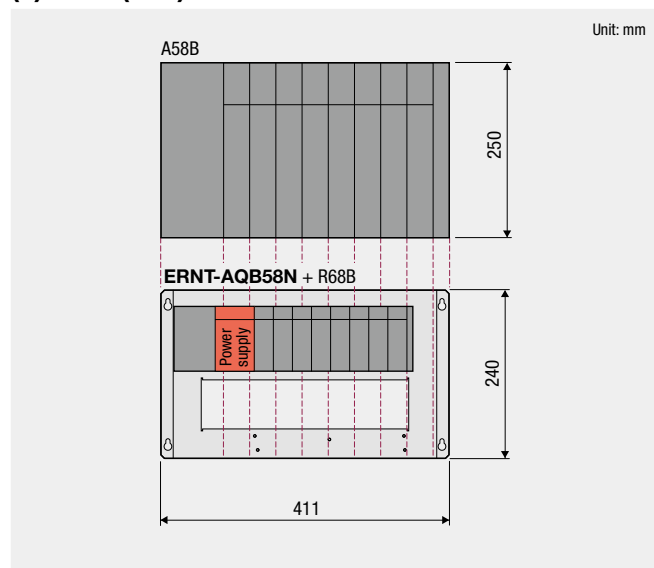
(4) A68B(-UL) → R612B, R68B, R610B-HT



(5) A65B(-UL) → R68B, R65B



(6) A58B(-UL) → R68B



(7) A55B(-UL) → R65B

