

Before Using the Product

Please read this document before use. Keep the document in a safe place for future reference. Make sure that the end users read the document.

Relevant manuals

Before using the product, please read the Safety Guidelines included with the base unit used, especially the following sections.

- SAFETY PRECAUTIONS
- CONDITIONS OF USE FOR THE PRODUCT
- EMC AND LOW VOLTAGE DIRECTIVES
- WARRANTY

Details of the product are also described in the manual shown below (sold separately). Please read the manual and understand the functions and performance of the product to use it correctly.

- Multichannel High-Speed Counter Module User's Manual
SH-080692ENG (13JZ03)

Manuels correspondants

Avant d'utiliser ce produit, prière de lire les "Safety Guidelines" (directive de sécurité) fournies avec l'unité de base, en particulier dans les sections suivantes.

- PRÉCAUTIONS DE SÉCURITÉ
- CONDITIONS D'UTILISATION DE PRODUIT
- DIRECTIVES CEM ET BASSE TENSION
- GARANTIE

Packing list

Check that the following items are included in the package.

Item	Quantity
Module	1
"Before Using the Product" (this document)	1

Terminal layout

Attribution des bornes

B20	□ □	A20
B19	□ □	A19
B18	□ □	A18
B17	□ □	A17
B16	□ □	A16
B15	□ □	A15
B14	□ □	A14
B13	□ □	A13
B12	□ □	A12
B11	□ □	A11
B10	□ □	A10
B09	□ □	A09
B08	□ □	A08
B07	□ □	A07
B06	□ □	A06
B05	□ □	A05
B04	□ □	A04
B03	□ □	A03
B02	□ □	A02
B01	□ □	A01

Viewed from the front of the module

Terminal number	Signal name	Terminal number	Signal name
B20	Reserved	A20	Reserved
B19	CH1 Phase A pulse input -	A19	CH1 Phase A pulse input +
B18	CH1 Phase B pulse input -	A18	CH1 Phase B pulse input +
B17	Reserved	A17	Reserved
B16	CH2 Phase A pulse input -	A16	CH2 Phase A pulse input +
B15	CH2 Phase B pulse input -	A15	CH2 Phase B pulse input +
B14	Reserved	A14	Reserved
B13	CH3 Phase A pulse input -	A13	CH3 Phase A pulse input +
B12	CH3 Phase B pulse input -	A12	CH3 Phase B pulse input +
B11	Reserved	A11	Reserved
B10	CH4 Phase A pulse input -	A10	CH4 Phase A pulse input +
B09	CH4 Phase B pulse input -	A09	CH4 Phase B pulse input +
B08	Reserved	A08	Reserved
B07	CH5 Phase A pulse input -	A07	CH5 Phase A pulse input +
B06	CH5 Phase B pulse input -	A06	CH5 Phase B pulse input +
B05	Reserved	A05	Reserved
B04	CH6 Phase A pulse input -	A04	CH6 Phase A pulse input +
B03	CH6 Phase B pulse input -	A03	CH6 Phase B pulse input +
B02	Reserved	A02	Reserved
B01	Reserved	A01	Reserved

English	French
Signal name	Nom de signal
Terminal number	Borne N°
Viewed from the front of the module	Vue de l'avant du module
Phase * pulse input	Entrée impulsions phase *
Reserved	En réserve

Wiring products

Produits pour câblage

The table below shows applicable 40-pin connectors. When wiring, use applicable wires and an appropriate tightening torque.

Mitsubishi 40-pin connector		Wire			
Model	Tightening torque	Diameter	Type	Material	Temperature rating
A6CON1	0.20 to 0.29N·m	22AWG	Stranded	Copper	75°C or more
A6CON2		28 to 24AWG			
A6CON4		22AWG			

Le tableau ci-dessous indique quels connecteurs 40 broches sont à utiliser. Pour le câblage, utiliser les fils et couples de serrage prescrits.

Connecteur 40-broches Mitsubishi		Fil			
Modèle	Couple de serrage	Diamètre	Type	Matériau	Gamme de température
A6CON1	0,20 à 0,29N·m	22AWG	Torsadé	Cuivre	75°C ou plus
A6CON2		28 à 24AWG			
A6CON4		22AWG			

Installation of the unit

Consider ease of operation, maintainability, and resistance to adverse environmental conditions when installing the product in a control panel, etc. Securely install all units in the MELSEC-Q series on the base unit. Also refer to the QCPU User's Manual (Hardware Design, Maintenance and Inspection) for details of installation.

Installation de l'unité

Prendre en considération la commodité d'exploitation et de maintenance, ainsi que la bonne résistance aux facteurs environnementaux adverses lors de l'installation en tableau de commande, etc.

Installer fermement toutes les unités de la série MELSEC-Q sur l'unité de base. Pour le détail de l'installation, voir aussi le "QCPU User's Manual (Hardware Design, Maintenance and Inspection)" (le Manuel de l'utilisateur QCPU (conception du matériel, maintenance et inspection)).

Operating ambient temperature

Use the product within the range from 0°C to 55°C.

Température ambiante de fonctionnement

Ce produit doit être utilisé entre 0 et 55°C.

Information and services

For further information and services, please consult your local Mitsubishi representative.