

CL2Y16-TP1M1V CC-Link/lt Remote I/O Module

Thank you very much for purchasing this product.
Please read this manual thoroughly before starting to use the product and handle the product properly.

User's Manual

MODEL CL2Y16-TP1M1V-U
MODEL CODE 13JP08
IB(NA)-0800238-C(1406)MEE

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SAFETY PRECAUTIONS

(Read these precautions before using.)
Please read this manual carefully and pay special attention to safety in order to handle this product properly. Also pay careful attention to safety and handle the module properly.
These precautions apply only to Mitsubishi equipment. Refer to the user's manual of the CPU module for a description of the programmable controller system safety precautions.
In this manual, the safety precautions are classified into two levels: "⚠️ WARNING" and "⚠️ CAUTION".

⚠️ WARNING	Indicates that incorrect handling may cause hazardous conditions, resulting in death or severe injury.
⚠️ CAUTION	Indicates that incorrect handling may cause hazardous conditions, resulting in minor or moderate injury or property damage.

Under some circumstances, failure to observe the precautions given under "⚠️ CAUTION" may lead to serious consequences.
Observe the precautions of both levels because they are important for personal and system safety.
Make sure that the end users read this manual and then keep the manual in a safe place for future reference.

[DESIGN PRECAUTIONS]

⚠️ WARNING	Refer to Chapter 3 of this manual for the operation status of the module in case a communication error occurs in the data link. ● Output could be switched on or off when a problem occurs in the remote I/O modules. So build an external monitoring circuit that will monitor any output signals that could cause a serious accident.
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[DESIGN PRECAUTIONS]

⚠️ CAUTION	● Do not have control cables and communication cables bundled with or placed near by the main circuit and/or power cables. Wire those cables at least 100mm(3.94 inch) away from the main circuit and/or power cables. It may cause malfunction due to noise interference.
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[INSTALLATION PRECAUTIONS]

⚠️ CAUTION	● Use the module in an environment that meets the general specifications contained in this manual. Using this module in an environment outside the range of the general specifications could result in electric shock, fire, erroneous operation, and damage to or deterioration of the product. ● Do not directly touch the module's conductive parts. Doing so could cause malfunction or trouble in the module. ● Securely fix the module in place using the DIN rail. If the module is not securely fixed, it may fall off or cause malfunction.
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[WIRING PRECAUTIONS]

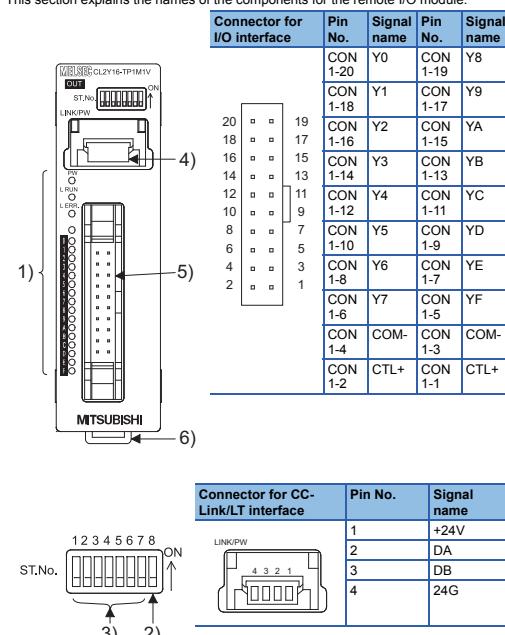
⚠️ WARNING	● Perform installation and wiring after disconnecting the power supply at all phases externally. If the power is not disconnected at all phases an electric shock or product damage may result.
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[WIRING PRECAUTIONS]

⚠️ CAUTION	● Wire the module correctly upon verifying the product's rated voltage and the connector pin arrangement. Connecting to a power supply different from rating or miss-wiring may cause fire and/or product failure. ● Make sure foreign objects do not get inside the module, such as dirt and wire chips. It may cause fire, product failure or malfunction.
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3. Part Names

This section explains the names of the components for the remote I/O module.



[STARTING AND MAINTENANCE PRECAUTIONS]

⚠️ WARNING

- Before cleaning the module, be sure to shut off all the phases of the power supply externally.
Failure to do so may cause failure or malfunction of the modules.

[STARTING AND MAINTENANCE PRECAUTIONS]

⚠️ CAUTION

- Do not disassemble or modify the module. Doing so may cause failure, malfunction, injury, or fire.
- The module case is made of resin; do not drop it or subject it to strong shock. A module damage may result.
- Make sure to switch off all phases of the external power supply off before installing or removing the module to/from the panel. Failure to do so may cause failure or malfunction of the modules.

[DISPOSAL PRECAUTIONS]

⚠️ CAUTION

- When disposing of this product, treat it as industrial waste.

PRÉCAUTIONS DE SÉCURITÉ

(Lire ces précautions avant usage.)

Prié de lire attentivement ce manuel. Préter une attention particulière à tout ce qui a trait à la sécurité pour utiliser le produit correctement.

Ces précautions ne concernent que l'équipement Mitsubishi. Dans le manuel de l'utilisation du module CPU correspondant, voir l'exposé des précautions de sécurité concernant le système de l'automate programmable.

Dans ce manuel, les précautions de sécurité sont classées en deux niveaux, à savoir :

"⚠️ AVERTISSEMENT" et "⚠️ ATTENTION"

⚠️ AVERTISSEMENT Atte l'attention sur le fait qu'une négligence peut créer une situation de danger avec risque de mort ou de blessures graves.

⚠️ ATTENTION Atte l'attention sur le fait qu'une négligence peut créer une situation de danger avec risque de blessures légères ou de gravité moyennes ou risque de dégâts matériels.

Dans certaines circonstances, le non-respect d'une précaution de sécurité introduite sous le titre "⚠️ ATTENTION" peut avoir des conséquences graves.

Les précautions de ces deux niveaux doivent être observées dans leur intégralité car elles ont trait à la sécurité des personnes et aussi du système.

Veuillez à ce que les utilisateurs finaux lisent ce manuel qui doit être conservé soigneusement à portée de main pour s'y référer autant que de besoin.

[PRÉCAUTIONS DE CONCEPTION]

⚠️ AVERTISSEMENT

- Pour l'état opérationnel du module en cas d'erreur de communication dans la liaison de données, se reporter au Chapitre 3 du présent manuel.
 - La sorte pourrait se trouver activée ou désactivée à la surveillance d'un problème dans le module E/S distant.
- On constituera donc un circuit de surveillance externe couvrant tous les signaux de sortie qui pourraient être à l'origine d'un accident grave.

[PRÉCAUTIONS D'INSTALLATION]

⚠️ ATTENTION

- Ne pas grouper ni placer à proximité les câbles de commande ou câbles de communication avec les câbles des circuits principaux et/ou d'alimentation.
- Câbler en plaçant ces câbles à une distance d'au moins 100mm (3.94 pouces) des câbles des circuits principaux ou de l'alimentation. Cela pourrait être à l'origine d'un bruit parasite entraînant des dysfonctionnements.

Câbler en plaçant ces câbles à une distance d'au moins 100mm (3.94 pouces) des câbles des circuits principaux ou de l'alimentation. Cela pourrait être à l'origine d'un bruit parasite entraînant des dysfonctionnements.

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