For I/O wiring, use crimp-style terminals of the following dimensions.

- Wire nothing to the NC terminal (idle terminal).

**2. Name and Setting of Each Part and Terminal Arrangement**

- Use the module and the flat cable dedicated to CC-Link/LT without control cables and communication cables bundled with or external to them. It may cause malfunction due to noise interference.

**3. Installation**

- The CLY14-R1B1 can be installed in DIN rail or directly installed using screws. Each installation procedure is described in the manual.


**Module Installation**

1. **DIN Rail Mounting**
   - Align the upper DIN rail installation groove in the module with the DIN rail (1).
   - When installing the module, pull the lockback down for installation to DIN rail (2).
   - The module can be installed to DIN rail or directly installed using a module installation screw through the DIN rail.

2. **Module Terminals**
   - For external wiring, use circuit-style terminals for the following dimensions.

3. **Specifications**
   - **Output Specifications**
     - **Voltage**
       - 24VDC ±15%
       - **Load Current**
         - 5A Max.
       - **Power Consumption**
         - 5VA Max.
       - **Contact Life**
         - 50,000,000 operations (2) (6)

4. **Performance Specifications**
   - **Output Performance**
     - **Voltage**
       - 24VDC ±15%
     - **Load Current**
       - 5A Max.
     - **Power Consumption**
       - 5VA Max.

5. **Installation**
   - The CLT1Y4-R1B1 can be installed on DIN rail or directly installed using a module installation screw.
   - Each installation procedure is described below.

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**SAFETY PRECAUTIONS**

- Read these precautions before using the module.

**WARNING**

- **Installation and removal**
  - When removing the module, pull the hook downward for installation to DIN rail.
  - Do not pull the hook upward for removing the module.

- **Operation**
  - Do not pull the hook upward for installation to DIN rail (3).

- **Cleaning**
  - Do not use high-pressure water sprays or organic solvents.
  - Use a soft cloth or other suitable material moistened with water.

**CAUTION**

- **Installation**
  - Do not apply a force to the module when installing it.

- **Operation**
  - When installing the module, ensure that the clearance of 1 to 2mm (0.04" to 0.08") is maintained.

**NOTIFICATION OF CE markings**

- **Type**
  - Programmable Controller (Open Type Module) Remote I/O Module

- **Marking**

- **Manufacturer**
  - Mitsubishi Electric Corporation

- **Date of Manufacturer**
  - 2/2007 (on the label)

- **Distributor**
  - Mitsubishi Electric Europe B.V.

- **Guarantee**
  - In case of products manufactured after January 1, 2018, there may be compliant with EN61010-2-201:2013*1.

**Specifications**

- **Electromagnetic Compatibility Standards (EMC):**
  - EN61010-2-020:2013
  - EN61010-2-201:2013

- **Safety of electrical equipment for protection against electrical shock:**
  - EN61131-2:2007

- **Radiated electromagnetic field:**
  - EN61000-6-4:2001

- **Electrostatic discharge (ESD):**
  - EN61000-4-2:2003

- **Note:**
  - CE marking for products manufactured after January 1, 2018, there may be compliant with EN61010-2-201:2013*1.
4.2 Crimp-style terminal

Use a crimp-style terminal in a status in which no force is applied on the cable.

### Caution
- Do not perform crimping on a side terminal "NC" outside the product. Crimping force exceeding the allowable range may cause damage. Terminating cables from outside may cause damage, loss of the contact resistance or failure (due to crimping force exceeding the allowable range). Before performing crimping, refer to the "Technical specifications" for appropriate crimping force. If the crimping force exceeds the allowable range, the contact resistance may increase and cause electrical failure. Make sure to check the crimping force and refer to the "Technical specifications" for appropriate crimping force.

### Remark
- If the crimping force is not within the allowable range, it may cause an electrical failure.

### Remark
- The installation of the CC-Link/LT interface connector and Terminal block should be performed by a qualified electrician. Always follow the instructions in the user manual when installing.

### Installation precautions
- Connect the power supply to the module. When connecting the power supply, refer to the "Technical specifications" for appropriate power supply voltage and output voltage.
- The power supply should be turned ON when the module is connected to the power supply. Turning the power supply ON after the module is connected may cause an electrical failure.
- Before connecting the power supply, make sure that the module is properly grounded. This will prevent electrical shock and ensure safety.
- When connecting the power supply, ensure that the polarity is correct. Reverse polarity can cause damage to the module.
- The power supply should be turned OFF when the module is disconnected. Turning the power supply OFF after the module is disconnected may cause an electrical failure.
- Do not apply excessive force to the module. Applying excessive force may cause deformation or damage to the module.
- When connecting the power supply, make sure that the power supply voltage is within the allowable range. Exceeding the power supply voltage may cause an electrical failure.
- The power supply should be turned OFF when the module is disconnected. Turning the power supply ON after the module is disconnected may cause an electrical failure.
- Before connecting the power supply, make sure that all cables are properly connected and secured. Loose connections may cause electrical failure.
- When connecting the power supply, make sure that the power supply voltage is within the allowable range. Exceeding the power supply voltage may cause an electrical failure.
- The power supply should be turned OFF when the module is disconnected. Turning the power supply ON after the module is disconnected may cause an electrical failure.
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