3. Installation

The CLX1D82B can be installed to DIN rail or directly installed using a downward mounting screw. (Tightening torque range: 0.78 to 1.08 N·m, W=0.78N·m to 1.08N·m.)

3.1 Installation to DIN rail

Align the upper DIN rail and installation groove in the module with the DIN rail (1), then insert the module in the rail (2).

3.2 Direct Installation

When installing the CLX1D82B by attaching left screws to the upper and lower mounting holes (two holes will be provided in the module), install the module so that the space between the rails is within the range of 11.8 (8.4 to 16.4) mm.

4. Wiring

4.1 External wiring

The product is compliant with CE marking for I/O interface (CC-Link/LT Remote I/O Module) in accordance with the contents of the notification (4). The product complies with all relevant aspects of EN61131-2:2007 (Standards (EMC) and EN50178-2:2007 (Safety)).

4.2 Connection to sensor

Positive connection

When using a two-wire type sensor: When using a three-wire type sensor:

5.5 Performance specifications

- Power consumption

- Power consumption

- Noise duration

- Noise duration

- Overload resistance

- Overload resistance

- Input specifications

- Input specifications

- Environmental specifications

- Environmental specifications

- Installation method installation method

- Installation method

- Outside Dimensions

- Outside Dimensions

- User’s Manual

- User’s Manual

- Remark

- Remark

- COMB

- COMB

- Crimp-style terminals

- Crimp-style terminals

- φ

- φ

- 4.3 Crimp-style terminal

- 4.3 Crimp-style terminal

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

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

- 4.5 kΩ

- 4.5 kΩ

- R: Bleeder resistor

- R: Bleeder resistor

- Ω

- Ω

- X

- X

- *1 The criterion is shown in IEC61131-2.

- *1 The criterion is shown in IEC61131-2.

- *2 The criterion is shown in IEC61131-2.

- *2 The criterion is shown in IEC61131-2.

- *3 This indicates the section of the power supply to which the equipment is connected.

- *3 This indicates the section of the power supply to which the equipment is connected.

- 1. Outline of Product

- 1. Outline of Product

- This product is a multifunction terminal module connected to CC-Link/LT. The product has five input points (I/O).

- This product is a multifunction terminal module connected to CC-Link/LT. The product has five input points (I/O).

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

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

- Connect for CC-Link/LT module.

- Connect for CC-Link/LT module.

- DIP switch assignment

- DIP switch assignment

- “0” is ON

- “0” is ON

- INPUT 1

- INPUT 1

- INPUT 2

- INPUT 2

- INPUT 3

- INPUT 3

- INPUT 4

- INPUT 4

- INPUT 5

- INPUT 5

- 6. Outside Dimensions

- 6. Outside Dimensions

- Indicator: ON: Green, OFF: Red

- Indicator: ON: Green, OFF: Red

- LED

- LED

- Power failure period

- Power failure period

- Input resistance

- Input resistance

- Operating voltage range

- Operating voltage range

- 57 to 150Hz 9.8m/s²

- 57 to 150Hz 9.8m/s²

- Peak vibration: 1.6 to 8 Hz, 25g, B-A

- Peak vibration: 1.6 to 8 Hz, 25g, B-A

- Radiated electromagnetic field

- Radiated electromagnetic field

- Compliant with all relevant aspects of EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-6-5.

- Compliant with all relevant aspects of EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-6-5.

- Connection method

- Connection method

- Designation at the end of module name:

- Designation at the end of module name:

- Designation at the end of module name:

- Designation at the end of module name:

- Designation at the end of module name:

- Designation at the end of module name:

- Terminal block for connecting input signals and I/O power distribution by AC/DC converters, isolation transformers, etc.

- Terminal block for connecting input signals and I/O power distribution by AC/DC converters, isolation transformers, etc.

- Cable

- Cable

- Compliant with all relevant aspects of EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-6-5.

- Compliant with all relevant aspects of EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-6-5.

- Use the module and the flat cable dedicated to CC-Link/LT without applying any stress.

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CC-Link/LT Remote I/O Module

User's Manual

3. Installation

The CL1X4-D1B2 can be installed to DIN rail or directly installed using a flat cable.

3.1 Installation to DIN rail

Align the upper DIN rail (mm) and installation groove in the module with the DIN rail (mm) and install the module at 45°.

3.2 Installation to flat cable

Use connector and screw to secure the module to the DIN rail. Tighten the mounting screws at the point of 20N·m (207in·lbs) or less.

4. Wiring

4.1 External wiring

The shield braid of the CL1X4-D1B2 can be used as a positive common or negative common depending on the used sensor.

4.2 Connection to sensor

Positive connection: When using a two-wire type sensor

CONNECTOR FOR I/O INTERFACE

4.3 Power supply at both poles (DC 24V) for 1 min.

5. Specifications

5.1 General specifications

5.2 Input specifications

5.3 Performance specifications

6. Outside Dimensions

Note: This symbol mark is for China only.

Printed circuit board materials: (Pb) (Hg) (Cd) (Cr(VI)) (PBB) (PBDE) (Br)

Note: This product is a terminal block type input module connected to CC-Link/LT. This product has been manufactured under strict quality control. However, if the customer uses this product under conditions other than those indicated in this user's manual, Mitsubishi Electric cannot be held responsible for any accidents or injuries which may occur.

Note: If any station No. outside the range from 1 to 64 is set, it is assumed to be connected between the public electrical power distribution by AC/DC converters, isolation transformers, etc.

Note: This product is a terminal block type input module connected to CC-Link/LT.

Note: This product is a terminal block type input module connected to CC-Link/LT.

Note: This product is a terminal block type input module connected to CC-Link/LT.
1. Outline of Product
The product is a connection type termination module connected to CC-LINK-LT.
It has four pin-ports (PIN).

2. Name and Setting of Each Part and Terminal Arrangement

3. Installation
The CC-LINK-LT can be installed in DIN rail or directly installed using a screwdriver.

3.1. Installation to DIN rail
Align the upper DIN rail and attachment holes in the module with the DIN rail, then, the module is in place.

3.2. Direct installation
When attaching DIP switch to the upper and lower mounting holes (use this pin) will provide the module with an additional module in the range of 1 to 3 (8 bytes to 6 in DIN)

4. Wiring

4.1. External wiring

4.2. Connection to sensor

5. Specifications

5.1. General specifications

5.2. Input specifications

5.3. Performance specifications

5.4. Module terminal screw

6. Outside Dimensions