

**BEFORE USE ....**

Thank you for choosing M-System. Before use, please check contents of the package you received as outlined below.

If you have any problems or questions with the product, please contact M-System's Sales Office or representatives.

**■ PACKAGE INCLUDES:**

Base .....(1)

**■ MODEL NO.**

Confirm Model No. marking on the product to be exactly what you ordered.

**■ INSTRUCTION MANUAL**

This manual describes necessary points of caution when you use this product, including installation, connection and basic maintenance procedures.

**POINTS OF CAUTION****■ GENERAL PRECAUTIONS**

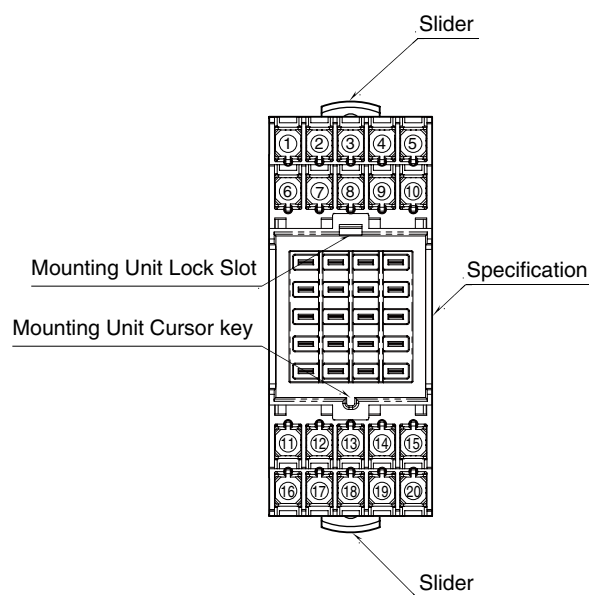
- Before you remove the base or mount it, turn off the power supply for safety.

**■ ENVIRONMENT**

- Indoor use.
- When heavy dust or metal particles are present in the air, install the unit inside proper housing with sufficient ventilation.
- Do not install the unit where it is subjected to continuous vibration. Do not subject the unit to physical impact.
- Environmental temperature must be within -5 to +55°C (23 to 131°F) with relative humidity within 10 to 85% RH in order to ensure adequate life span and operation.

**■ WIRING**

- Do not install cables close to noise sources (relay drive cable, high frequency line, etc.).
- Do not bind these cables together with those in which noises are present. Do not install them in the same duct.

**COMPONENT IDENTIFICATION**

Note: The side of mounting unit lock slot have No. 1 – 10 terminal connections.

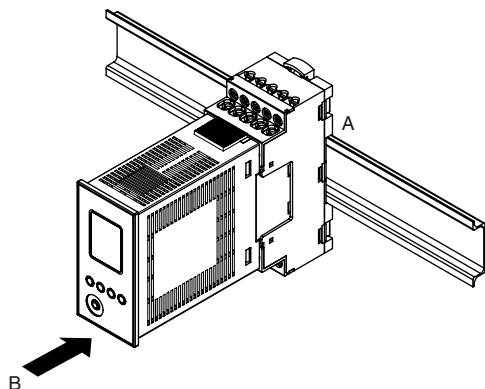
## INSTALLATION

Pulling the status of pushing Lockslider which is on top of the unit, It enable to separate unit from base.

### ■ DIN RAIL MOUNTING (SIDE)

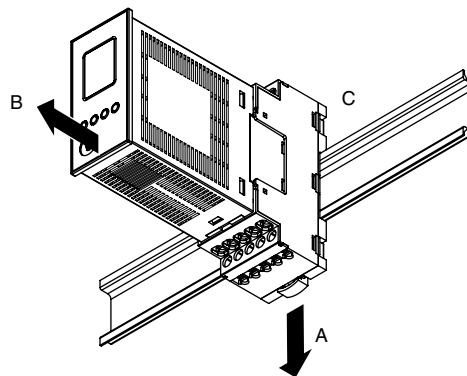
#### • Mounting the unit

- A) Hang the upper hook at the rear side of unit on the DIN rail.
- B) Push the lower part of the unit in the direction of the arrow until the unit is firmly fixed to the DIN rail.



#### • Removing the unit

- A) Push down the DIN rail adaptor using a minus screwdriver.
- B) Pull out the lower part of the unit.
- C) Remove the upper part from the DIN rail.



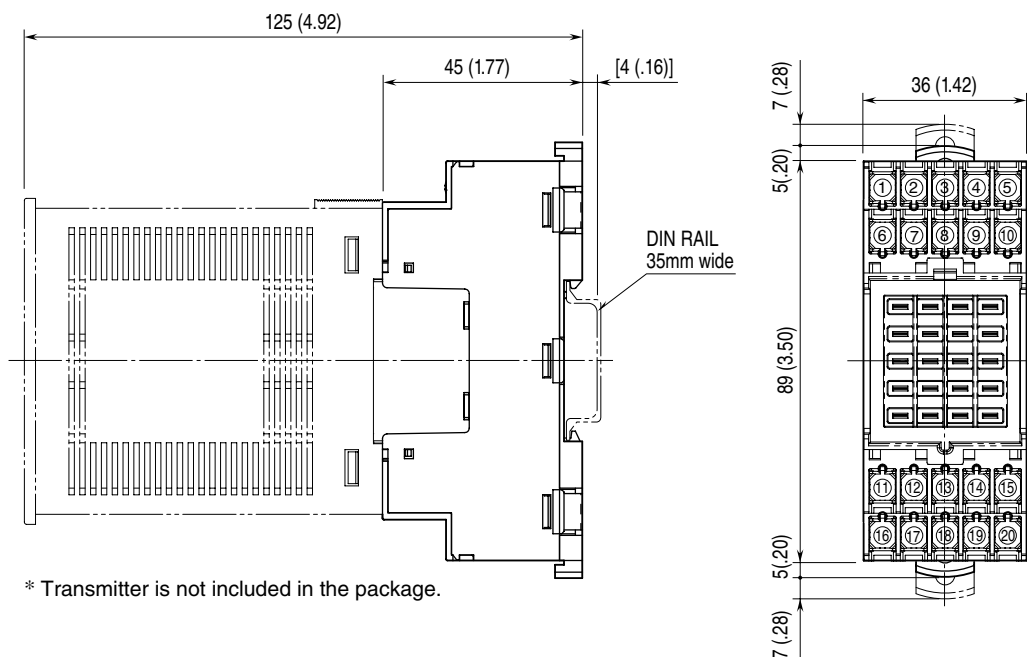
### ■ WALL MOUNTING

Referring to “MOUNTING REQUIREMENTS unit: mm (inch)” on page 3, pull out the upper and lower sliders of the unit and fix them with M4 screws (Torque: 1.4 N·m).

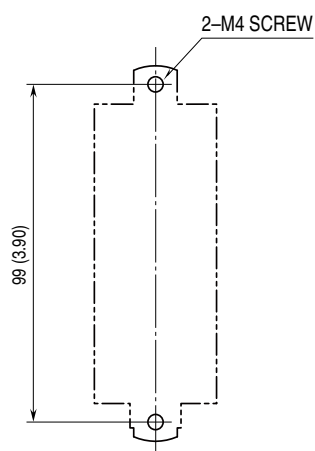
## TERMINAL CONNECTIONS

Connect the unit as in the diagram below.

### EXTERNAL DIMENSIONS unit: mm (inch)



### MOUNTING REQUIREMENTS unit: mm (inch)



## WIRING INSTRUCTIONS

### SCREW TERMINAL

Torque: 0.5 N·m

### SOLDERLESS TERMINAL

Refer to the drawing below for recommended ring tongue terminal size. Spade tongue type is also applicable.

Recommended manufacturer: Japan Solderless Terminal MFG.Co.Ltd, Nichifu Co.,Ltd (Solderless terminals with insulation sleeve do not fit)

Applicable wire size: 0.25 to 1.65 mm<sup>2</sup> (AWG 22 to 16)

