

<b>VOLTAGE DIVIDER</b>	MODEL <b>M5VV</b>
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**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:**

Signal conditioner .....(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 unit or mount it, turn off the input signal for safety.

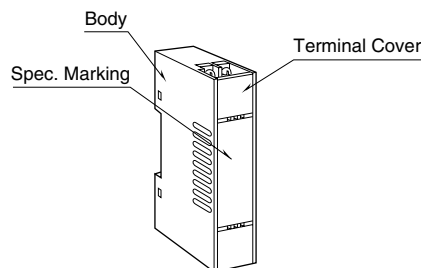
**■ ENVIRONMENT**

- 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 -20 to +65°C (-4 to 149°F) with relative humidity within 30 to 90% 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.
- The equipment must be installed such that appropriate clearance and creepage distances are maintained.

**COMPONENT IDENTIFICATION**

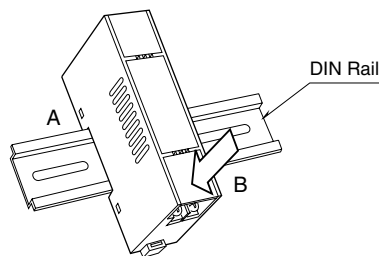


**INSTALLATION**

Set the unit so that its DIN rail adapter is at the bottom.

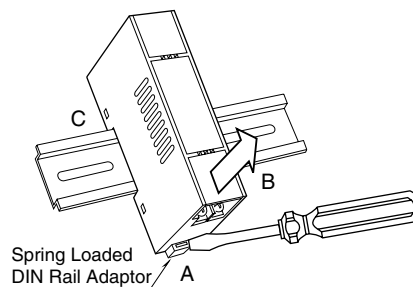
**■ MOUNTING THE UNIT ON A DIN RAIL**

- A) Hang the upper hook at the rear side of unit on the DIN rail.
- B) Push in the lower in keeping pressing the unit to the DIN rail.



**■ REMOVING THE UNIT**

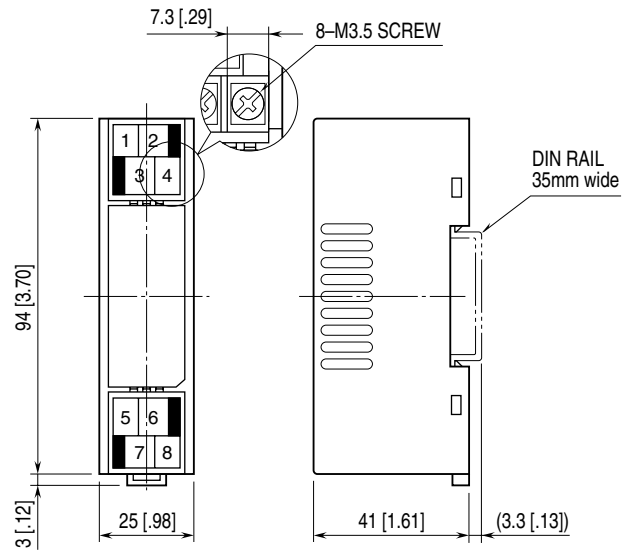
- A) Push down the DIN rail adaptor using a minus screw-driver.
- B) Pull out the lower part of the unit.
- C) Remove the upper part from the DIN rail.



## TERMINAL CONNECTIONS

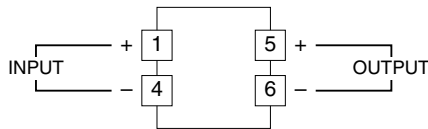
Connect the unit as in the diagram below or refer to the connection diagram on the front of the unit.

### EXTERNAL DIMENSIONS unit: mm [inch]



- When mounting, no extra space is needed between units.

### CONNECTION DIAGRAM



## WIRING INSTRUCTIONS

### SCREW TERMINAL

Torque: 0.8 N·m

## LIGHTNING SURGE PROTECTION

M-System offers a series of lightning surge protector for protection against induced lightning surges. Please contact M-System to choose appropriate models.