

## Lightning Surge Protectors for Electronics Equipment M-RESTER

lower the electric conductivity between this module and the ground. Use a steel or copper rail.

**Weight:** 70 g (2.5 oz)

### TERMINAL BLOCK FOR GROUNDING

(ultra-slim)

#### Functions & Features

- Relaying terminal block in order to connect wires to the DIN rail for grounding
- Used to ground the shield wire or to cross wire the devices protected by the surge protector

### MODEL: MD7G-G[1]

#### ORDERING INFORMATION

- Code number: MD7G-G[1]  
Specify a code from below for [1].  
(e.g. MD7G-G/Q)
- Specify the specification for option code /Q  
(e.g. /C01)

### GROUNDING

G: Grounding

### [1] OPTIONS

blank: none

/Q: With options (specify the specification)

#### SPECIFICATIONS OF OPTION: Q

**COATING (For the detail, refer to M-System's web site.)**

/C01: Silicone coating

/C02: Polyurethane coating

#### RELATED PRODUCTS

- Lightning surge protector for strain gauge (model: MD7LC)

#### GENERAL SPECIFICATIONS

**Construction:** Slim-sized front terminal structure

**Degree of protection:** IP20

**Connection:** Euro terminal block (torque 0.3 N·m)

**Applicable wire size:** 0.2 - 2.5 mm<sup>2</sup>, stripped length: 8 mm

**Grounding:** DIN Rail

**Housing material:** Flame-resistant resin (black)

#### INSTALLATION

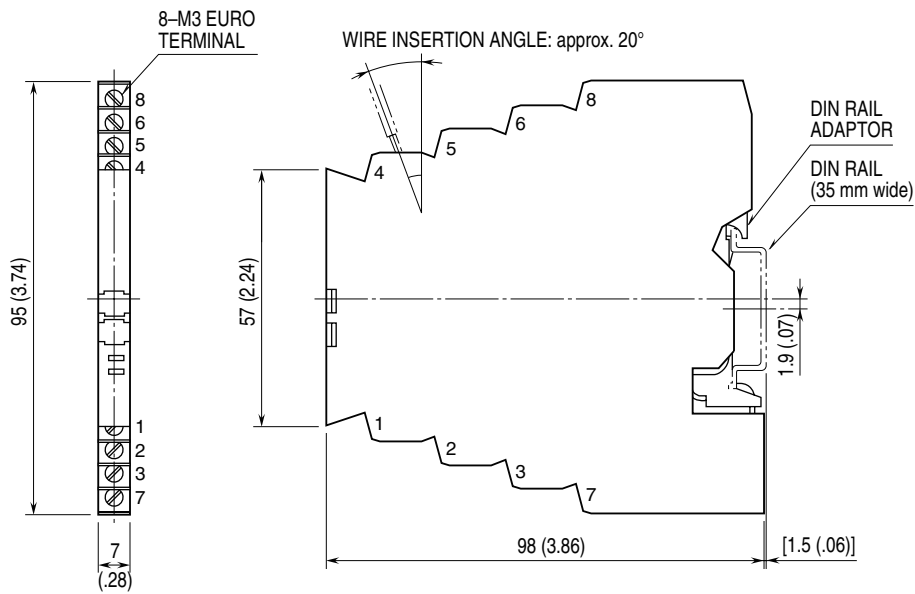
**Operating temperature:** -25 to +85°C (-13 to +185°F)

**Operating humidity:** 30 to 90 %RH (non-condensing)

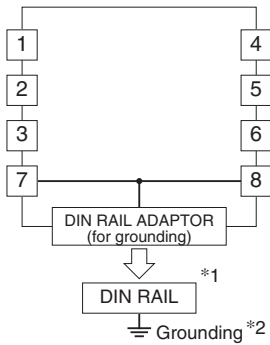
**Mounting:** DIN Rail (TH35-7.5, 1-mm-thick)

Oxide film on the surface of an aluminium DIN rail may

**EXTERNAL DIMENSIONS & TERMINAL ASSIGNMENTS unit: mm (inch)**



**CIRCUIT DIAGRAM**



DO NOT connect to unused terminals.

\*1. Oxide coating of an aluminium rail may lower the electric conductivity between this module and the ground. Use a steel or copper rail.

\*2. Be sure to ground the DIN rail.  
Recommended grounding resistance  $\leq 100\Omega$



Specifications are subject to change without notice.