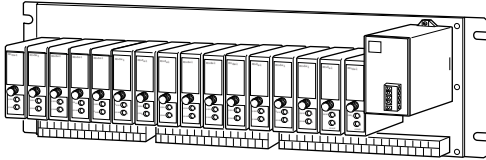


## Super-mini Signal Conditioners Mini-M Series

### INSTALLATION BASE

#### Functions & Features

- Receiving up to 16 Mini-M modules
- Enabling interfacing analog I/Os to various network bus in combination with the 61-UNIT series communication modules
- Power supplied through printed wiring on the base



### MODEL: M2BS2-[1][2]-[3]

### ORDERING INFORMATION

- Code number: M2BS2-[1][2]-[3]
- Specify a code from below for each of [1] through [3].  
(e.g. M2BS2-161-K)

#### [1] CAPACITY

- 04: 4 positions
- 08: 8 positions
- 16: 16 positions

#### [2] I/O TYPE

- 1: Input (Select 1 - 5V DC for output)
- 2: Output (Select 1 - 5V DC for input)

#### [3] POWER INPUT

##### AC Power

K: 85 - 132 V AC  
(Operational voltage range 85 - 132 V, 47 - 66 Hz)

##### DC Power

R: 24 V DC  
(Operational voltage range 24 V  $\pm$ 10 %, ripple 10 %p-p max.)

### RELATED PRODUCTS

- Analog I/O Module (model: 61x)
- Match the power input specification for the 61x and M2BS2.

### GENERAL SPECIFICATIONS

Capacity: 4, 8 or 16 positions

Connection

Power input: M3 screw terminals (torque 0.8 N·m)

Input and output: M3 screw terminals (torque 0.8 N·m)

Screw terminal: Nickel-plated steel

Isolation: I/O module to power to FG1

### INSTALLATION

#### Power Consumption

##### •AC

Approx. 30 VA with 4 modules (M2DY)

Approx. 50 VA with 8 modules (M2DY)

Approx. 90 VA with 16 modules (M2DY)

##### Current consumption:

##### •DC

Approx. 1 A with 4 modules (M2DY)

Approx. 1.5 A with 8 modules (M2DY)

Approx. 2.5 A with 16 modules (M2DY)

Operating temperature: -5 to +55°C (23 to 131°F)

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

Atmosphere: No corrosive gas or heavy dust

Mounting: Surface

Weight: Without I/O module

M2BS2-04 1.0 kg (2.2 lb)

M2BS2-08 1.3 kg (2.9 lb)

M2BS2-16 1.8 kg (4.0 lb)

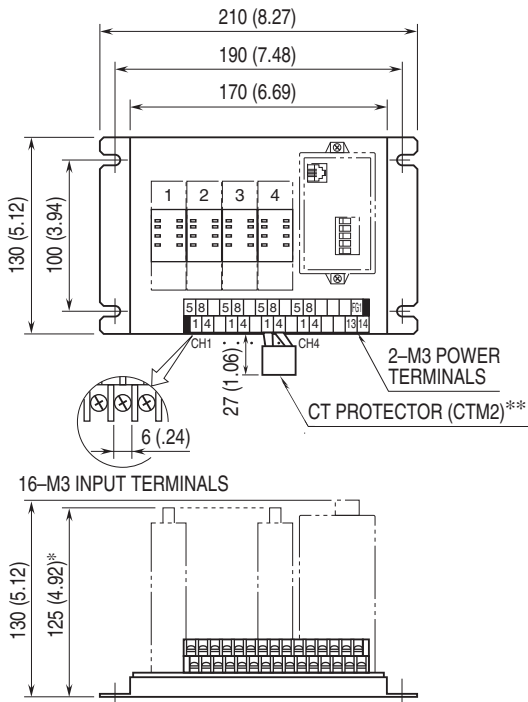
### PERFORMANCE

Insulation resistance:  $\geq$  100 M $\Omega$  with 500 V DC

Dielectric strength: 1000 V AC @1 minute (I/O module to power to FG1)

## EXTERNAL DIMENSIONS unit: mm (inch)

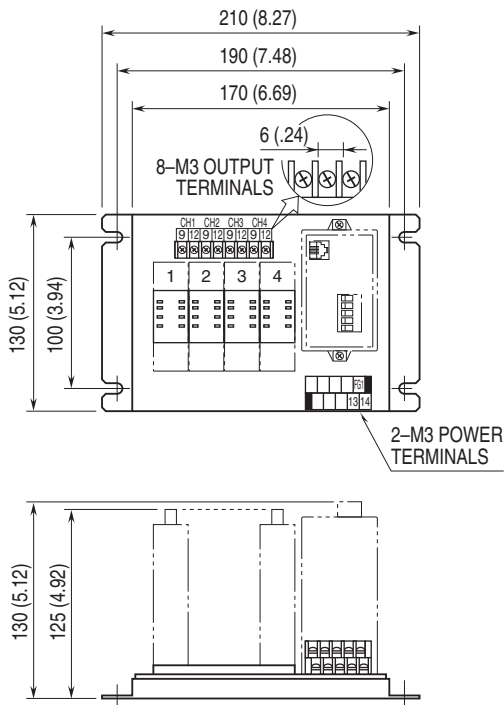
### ■ M2BS2-041 (INPUT BASE)



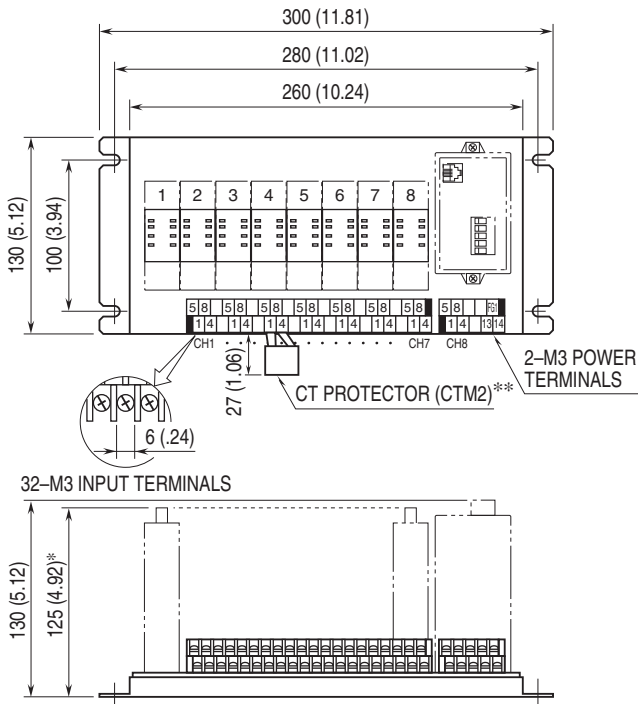
\* 165 (6.50) required for pneumatic tubing for M2PV.

\*\* Attached to M2CA and M2CE.

### ■ M2BS2-042 (OUTPUT BASE)

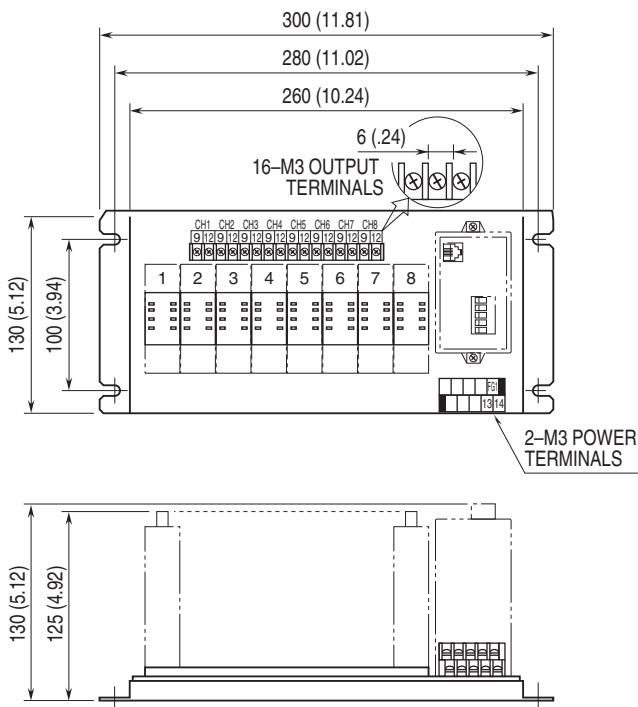


## ■ M2BS2-081 (INPUT BASE)

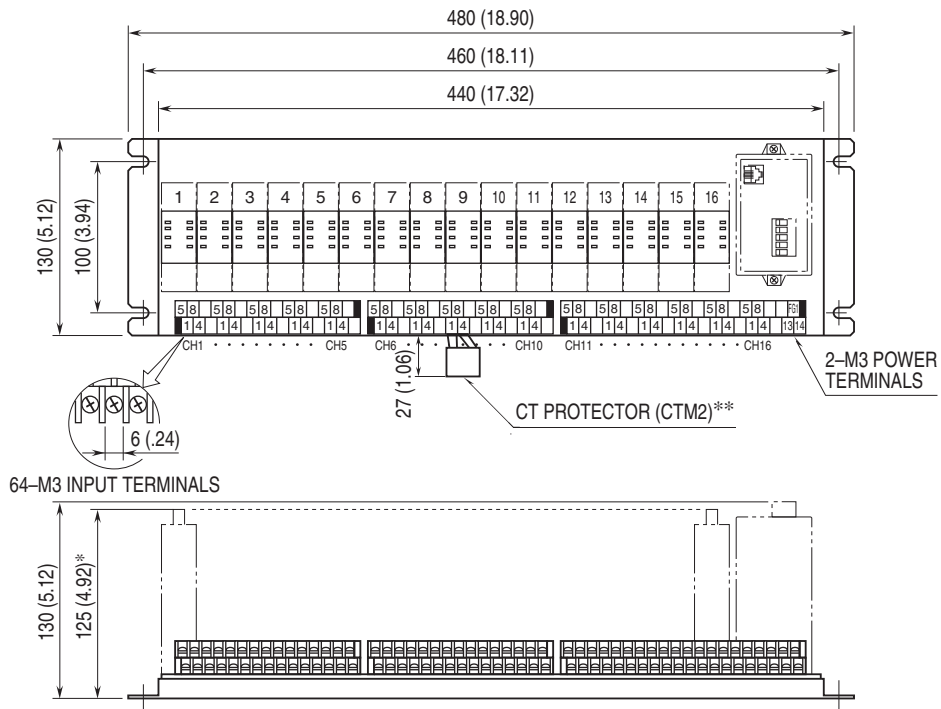


\* 165 (6.50) required for pneumatic tubing for M2PV.  
 \*\* Attached to M2CA and M2CE.

## ■ M2BS2-082 (OUTPUT BASE)



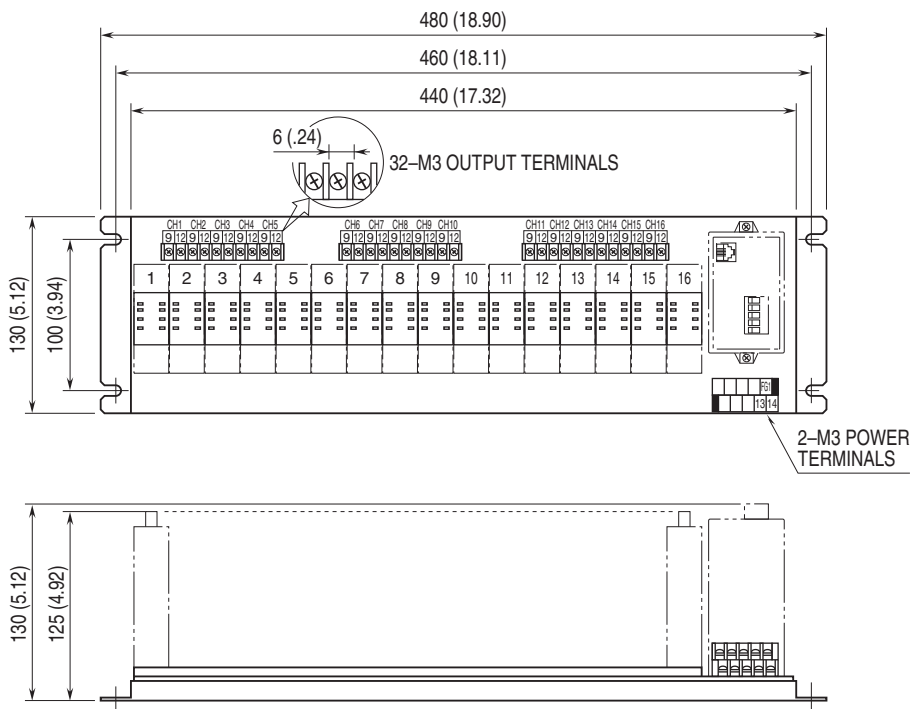
## ■ M2BS2-161 (INPUT BASE)



\* 165 (6.50) required for pneumatic tubing for M2PV.

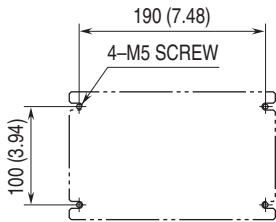
\*\* Attached to M2CA and M2CE.

## ■ M2BS2-162 (OUTPUT BASE)

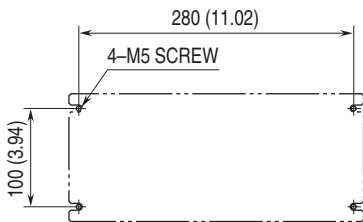


## MOUNTING REQUIREMENTS unit: mm (inch)

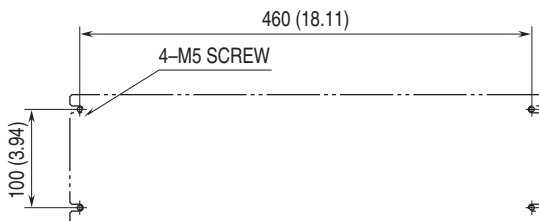
### ■M2BS2-04



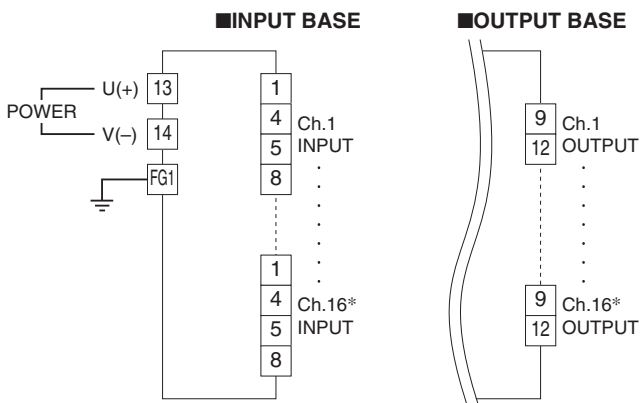
### ■M2BS2-08



### ■M2BS2-16



## CONNECTION DIAGRAM



\*Up to Ch.4 for M2BS2-04, Ch.8 for M2BS2-08.



Specifications are subject to change without notice.