

INSTALLATION BASE

(16 positions, input & output connector plus power distribution)

MODEL **BS-16H1****BEFORE USE**

Thank you for choosing us. 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 our sales office or representatives.

■ PACKAGE INCLUDES:

Installation 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**■ POWER INPUT RATING & OPERATIONAL RANGE**

- Locate the power input rating marked on the product and confirm its operational range as indicated below:
24V DC rating: 24V DC $\pm 10\%$

■ GENERAL PRECAUTIONS

- Before you remove the unit from the base or mount it, turn off the power supply and input signal for safety.

■ ENVIRONMENT

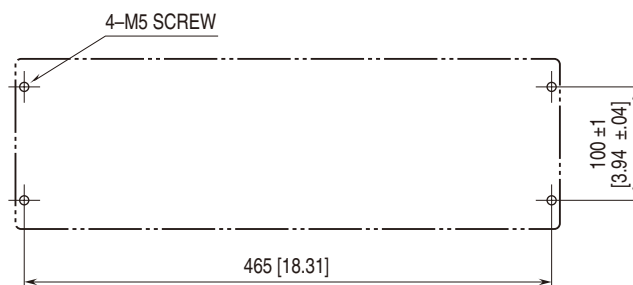
- Indoor use.
- When heavy dust or metal particles are present in the air, install the unit inside proper housing with sufficient ventilation.
- Do not install the unit where it is subjected to continuous vibration. Do not subject the unit to physical impact.
- Environmental temperature must be within -5 to +60°C (23 to 140°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.

COMPONENT IDENTIFICATION**■ REAR VIEW**

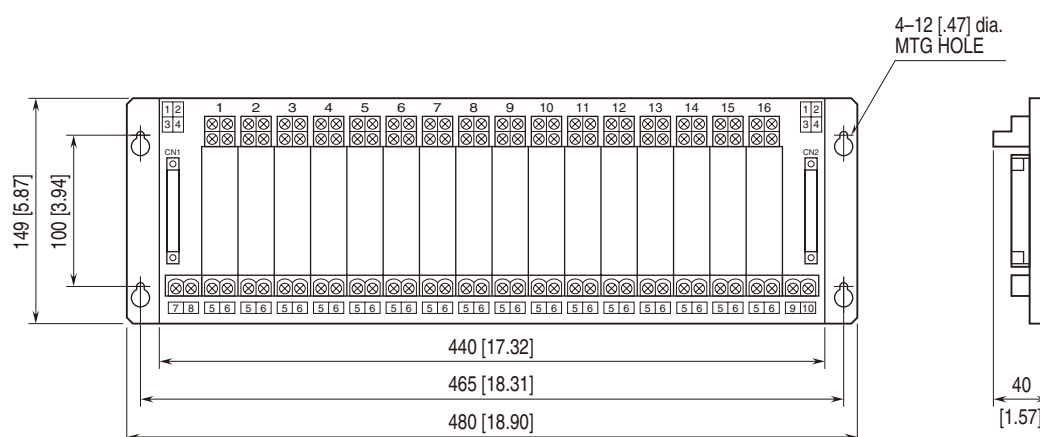
MOUNTING REQUIREMENTS unit: mm [inch]



TERMINAL CONNECTIONS

Connect the unit as in the diagram below.

EXTERNAL DIMENSIONS unit: mm [inch]



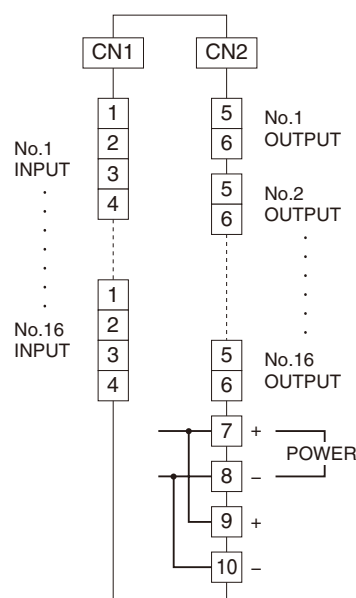
CONNECTOR PIN ASSIGNMENT

CN1: Input

CN2: Output

XMTR INPUT	CN1		XMTR INPUT	CN2	
	A SIDE (+)	B SIDE (-)		A SIDE (+)	B SIDE (-)
No. 1 input	1	1	No. 1 output	1	1
No. 2 input	2	2	No. 2 output	2	2
No. 3 input	3	3	No. 3 output	3	3
No. 4 input	4	4	No. 4 output	4	4
No. 5 input	5	5	No. 5 output	5	5
No. 6 input	6	6	No. 6 output	6	6
No. 7 input	7	7	No. 7 output	7	7
No. 8 input	8	8	No. 8 output	8	8
No. 9 input	9	9	No. 9 output	9	9
No. 10 input	10	10	No. 10 output	10	10
No. 11 input	11	11	No. 11 output	11	11
No. 12 input	12	12	No. 12 output	12	12
No. 13 input	13	13	No. 13 output	13	13
No. 14 input	14	14	No. 14 output	14	14
No. 15 input	15	15	No. 15 output	15	15
No. 16 input	16	16	No. 16 output	16	16
Unused	17 – 20	17 – 20	Unused	17 – 20	17 – 20

CONNECTION DIAGRAM



WIRING INSTRUCTIONS

■ SCREW TERMINAL

Torque: 0.8 N·m

CHECKING

- 1) Terminal wiring: Check that all cables are correctly connected according to the connection diagram.
- 2) Installation of modules: Mount signal conditioners directly on the sockets of the base. No need of utilizing the base sockets shipped with them.
- 3) Input: For DC current input, attach a resistor module (model: REM) to the screw terminals.
- 4) Output: For DC current output, use only either of screw terminal or 40-pin connector.