

INSTALLATION BASE

(16 positions, loop powered isolator use (output connector))

MODEL **BS-16H2****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**■ GENERAL PRECAUTIONS**

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

■ ENVIRONMENT

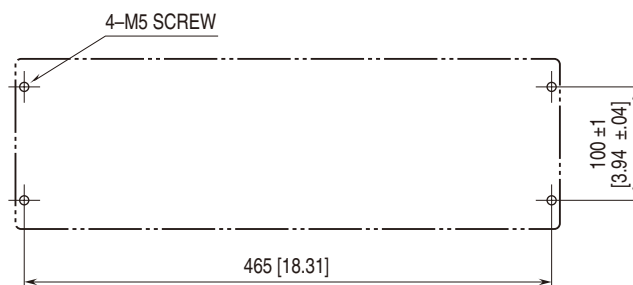
- Indoor use.
- When heavy dust or metal particles are present in the air, install the unit inside proper housing with sufficient ventilation.
- Do not install the unit where it is subjected to continuous vibration. Do not subject the unit to physical impact.
- Environmental temperature must be within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

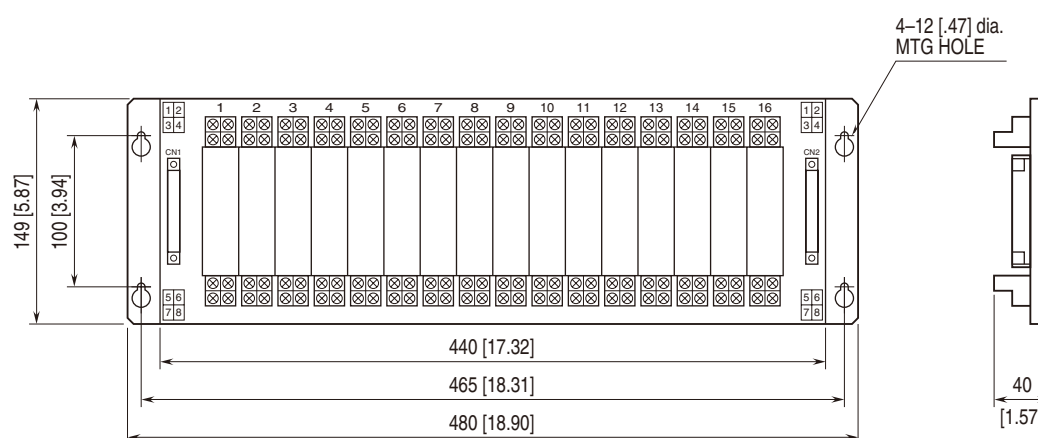
MOUNTING REQUIREMENTS unit: mm [inch]



TERMINAL CONNECTIONS

Connect the unit as in the diagram below.

EXTERNAL DIMENSIONS unit: mm [inch]

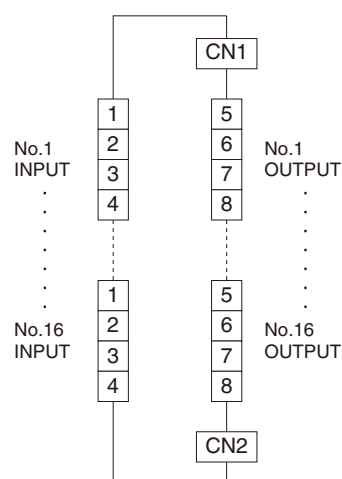


CONNECTOR PIN ASSIGNMENT

CN1, CN2: Output

XMTR OUTPUT	CN1		XMTR OUTPUT	CN2	
	A SIDE (+)	B SIDE (-)		A SIDE (+)	B SIDE (-)
No. 1	ch. 1	1	No. 9	ch. 1	1
	ch. 2	2		ch. 2	2
No. 2	ch. 1	3	No. 10	ch. 1	3
	ch. 2	4		ch. 2	4
No. 3	ch. 1	5	No. 11	ch. 1	5
	ch. 2	6		ch. 2	6
No. 4	ch. 1	7	No. 12	ch. 1	7
	ch. 2	8		ch. 2	8
No. 5	ch. 1	9	No. 13	ch. 1	9
	ch. 2	10		ch. 2	10
No. 6	ch. 1	11	No. 14	ch. 1	11
	ch. 2	12		ch. 2	12
No. 7	ch. 1	13	No. 15	ch. 1	13
	ch. 2	14		ch. 2	14
No. 8	ch. 1	15	No. 16	ch. 1	15
	ch. 2	16		ch. 2	16
Unused	17	17	Unused	17	17
	18	18		18	18
	19	19		19	19
	20	20		20	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: Check the input signal.
- 4) Output: For DC current output, use only either of screw terminal or 40-pin connector.