

STANDARD RACK
(Fujitsu FCN type I/O connector)

MODEL **15BX-4**

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:**

Standard rack.....(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 ±10%

■ **GENERAL PRECAUTIONS**

- Before you remove the unit or mount it, turn off the power supply 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 base where it is subjected to continuous vibration. Do not subject the unit to physical impact.
- Environmental temperature must be within -5 to +55°C (23 to 131°F) with relative humidity within 30 to 90% RH in order to ensure adequate life span and operation.
- Be sure that the ventilation slits are not covered with cables, etc.

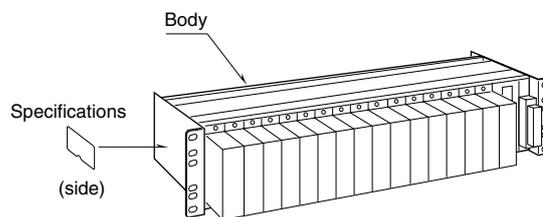
■ **WIRING**

- 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.
- Be sure to put the terminal cover on while the power is supplied.

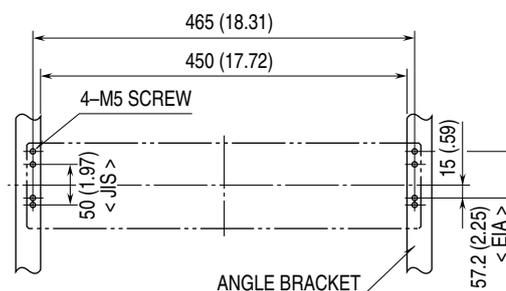
■ **AND**

- The unit is designed to function as soon as power is supplied, however, a warm up for 10 minutes is required for satisfying complete performance described in the data sheet.

COMPONENT IDENTIFICATION



MOUNTING REQUIREMENTS unit : mm (inch)

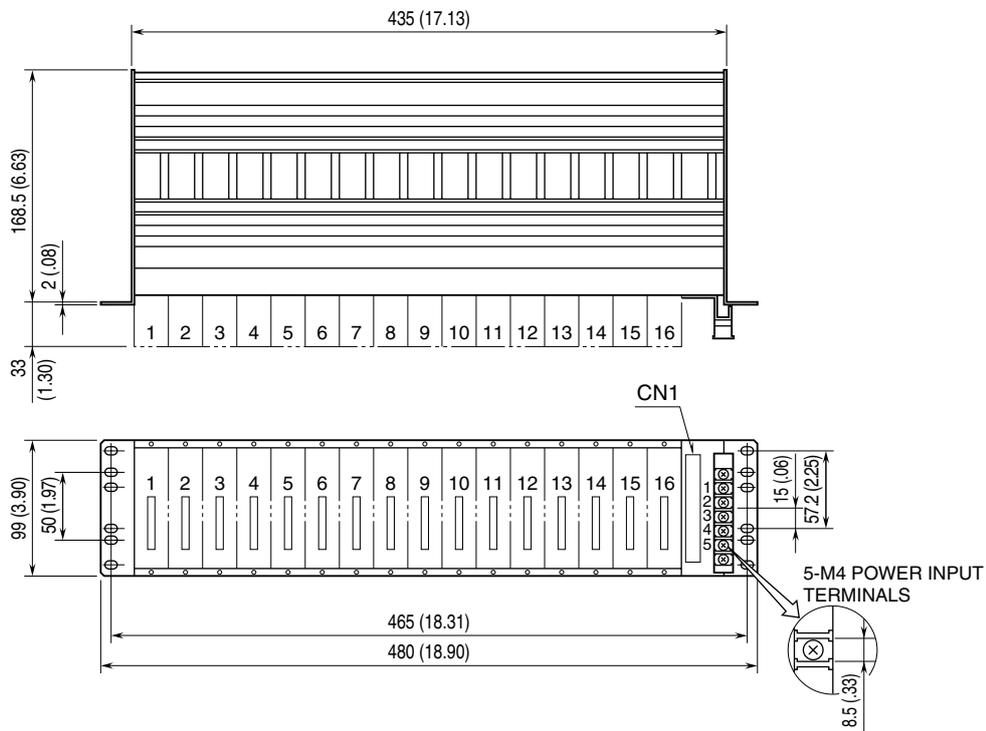


Observe appropriate wiring space over and under the rack.

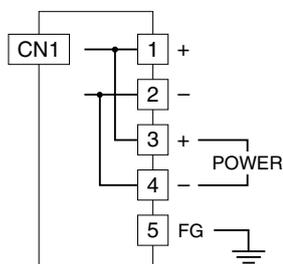
TERMINAL CONNECTIONS

Connect the unit as in the diagram below.

EXTERNAL DIMENSIONS unit: mm (inch)



CONNECTION DIAGRAM



CONNECTOR PIN ASSIGNMENT

CN1: OTAX N365P040AU
(Fujitsu FCN-365P040-AU...discontinued)

PIN NO.	CONVERTER		PIN NO.	CONVERTER	
	LOCAT.	ASSIGN.		LOCAT.	ASSIGN.
A 1	1	ch. 1	A11	11	ch. 1
B 1		ch. 2	B11		ch. 2
A 2	2	ch. 1	A12	12	ch. 1
B 2		ch. 2	B12		ch. 2
A 3	3	ch. 1	A13	13	ch. 1
B 3		ch. 2	B13		ch. 2
A 4	4	ch. 1	A14	14	ch. 1
B 4		ch. 2	B14		ch. 2
A 5	5	ch. 1	A15	15	ch. 1
B 5		ch. 2	B15		ch. 2
A 6	6	ch. 1	A16	16	ch. 1
B 6		ch. 2	B16		ch. 2
A 7	7	ch. 1	A17		COM. (-)
B 7		ch. 2	B17		
A 8	8	ch. 1	A18		Not Used
B 8		ch. 2	B18		
A 9	9	ch. 1	A19		
B 9		ch. 2	B19		
A10	10	ch. 1	A20		
B10		ch. 2	B20		

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) Power input voltage: Check voltage across the power terminals.
- 3) Installation & environment

LIGHTNING SURGE PROTECTION

We offer a series of lightning surge protector for protection against induced lightning surges. Please contact us to choose appropriate models.