Dual Channel Input/Output Isolators 15-RACK

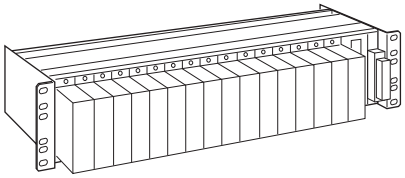
STANDARD RACK

Functions & Features

• Standard 19" rack for 15-RACK signal conditioners

• Line power access at the terminal card, supplied via the rear rack bus

• Direct output interface with the rack side connector



MODEL: 15BX–[1][2]

ORDERING INFORMATION

• Code number: 15BX-[1][2]

Specify a code from below for each of [1] and [2].
(e.g. 15BX-4/Q)

• Specify the specification for option code /Q
(e.g. /C01)

[1] CONNECTOR

4: Fujitsu FCN type I/O connector

9: Omron DCS connector

We guarantee the connecting section.

[2] OPTIONS

blank: none

/Q: With options (specify the specification)

SPECIFICATIONS OF OPTION: Q

COATING (For the detail, refer to our web site.)

Power supply and signal conditioner side of the main PWB are not coated.

/C01: Silicone coating

/C02: Polyurethane coating

/C03: Rubber coating

RELATED PRODUCTS

• Blank filler plate (model: P-101)

• Connector terminal block (model: CNT)

• Special cable with 40-pin connector (model: FCN)

GENERAL SPECIFICATIONS

Construction: Metal plates assembly

Coating: Zn-Cr (black), alumetized steel

Connection

Power input: M4 screw terminals (torque 0.8 N·m)

Screw terminal: Nickel-plated brass

Isolation: I/O connector to power to FG

INSTALLATION

Power input

•**DC**: 24 V DC ±10 %, (ripple 10 % p-p max.)

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

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

Mounting: JIS or EIA standard rack or surface

Weight: 1.9 kg (4.2 lb)

PERFORMANCE

Insulation resistance: ≥ 100 MΩ with 500 V DC

Dielectric strength: 500 V AC @ 1 minute
(I/O connector to power to FG)

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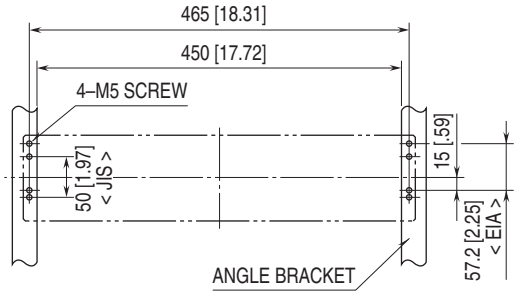
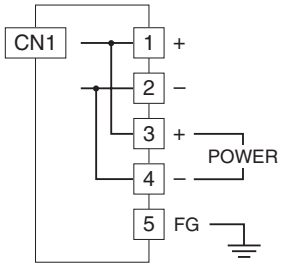
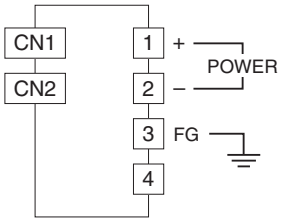
MOUNTING REQUIREMENTS unit: mm (inch)



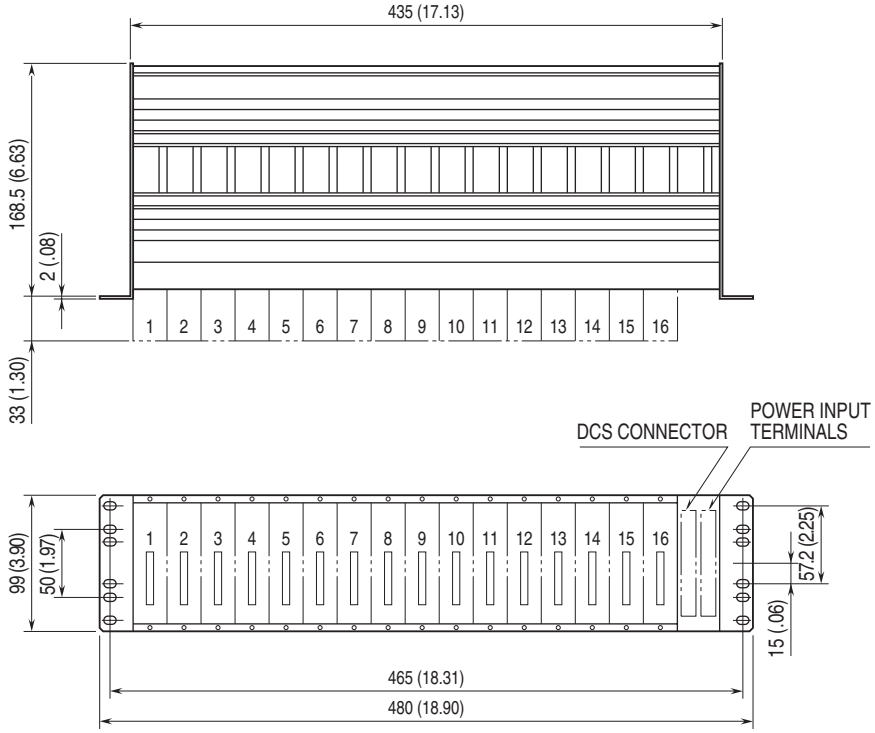
Observe appropriate wiring space over and under the rack.

CONNECTION DIAGRAM





DIMENSIONS unit: mm (inch)



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I/O CONNECTOR PIN ASSIGNMENT

•Connector Pin Assignment

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

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

•Connector Pin Assignment

OTAX N365P024AU
(Fujitsu FCN-365P024-AU...discontinued)

CN1 PIN NO.	CONVERTER		CN2 PIN NO.	CONVERTER	
	LOCAT.	ASSIGN.		LOCAT.	ASSIGN.
A 1 A 2	COM. (–)		A 1 A 2	COM. (–)	
A 3 A 4	Not Used COM. (–)		A 3 A 4	Not Used COM. (–)	
A 5 A 6	4	ch. 2 ch. 1	A 5 A 6	12	ch. 2 ch. 1
A 7 A 8	3	ch. 2 ch. 1	A 7 A 8	11	ch. 2 ch. 1
A 9 A10	2	ch. 2 ch. 1	A 9 A10	10	ch. 2 ch. 1
A11 A12	1	ch. 2 ch. 1	A11 A12	9	ch. 2 ch. 1
B 1 B 2	COM. (–)		B 1 B 2	COM. (–)	
B 3 B 4			B 3 B 4		
B 5 B 6	8	ch. 2 ch. 1	B 5 B 6	16	ch. 2 ch. 1
B 7 B 8	7	ch. 2 ch. 1	B 7 B 8	15	ch. 2 ch. 1
B 9 B10	6	ch. 2 ch. 1	B 9 B10	14	ch. 2 ch. 1
B11 B12	5	ch. 2 ch. 1	B11 B12	13	ch. 2 ch. 1

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⚠ Specifications are subject to change without notice.

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