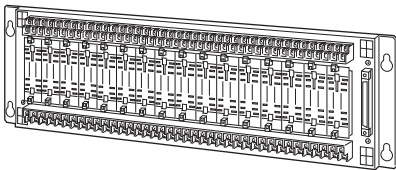


## Dual Channel Input/Output Isolators 5-UNIT

### INSTALLATION BASE

#### Functions & Features

- Saving individual wiring work for panel installation of model 5VS modules
- High-density mounting
- 16 outputs available at the connector
- Printing wiring for line voltage distribution
- Monitoring at screw terminals



### MODEL: 5BX-4

### ORDERING INFORMATION

- Code number: 5BX-4

### FUNCTION

4: Output connector & power distribution

### GENERAL SPECIFICATIONS

**Capacity:** 16 positions

**Connection**

**Input & power input:** M3.5 screw terminals (torque 0.8 N·m)

**Output:** M3.5 screw terminals (torque 0.8 N·m)  
and 40-pin connector

**Screw terminal:** Nickel-plated steel

### INPUT & OUTPUT

**Input:** DC voltage; shunt resistor attached to the input terminals for current input

**Output:** DC voltage

**Power input:** 16 loops collectively

### INSTALLATION

**Power input**

•DC: 24 V DC  $\pm 10\%$

**Operating temperature:** -5 to +60°C (23 to 140°F)

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

**Mounting:** Surface

**Weight:** 1.8 kg (4.0 lb)

### PERFORMANCE

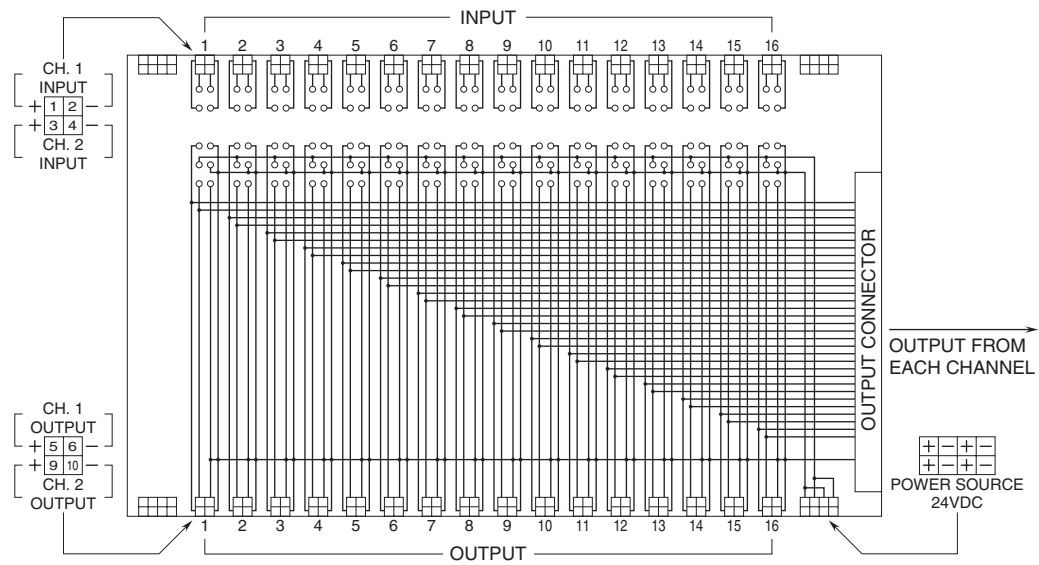
**Insulation resistance:**  $\geq 100\text{ M}\Omega$  with 500 V DC

(between each input, input to output or power to ground)

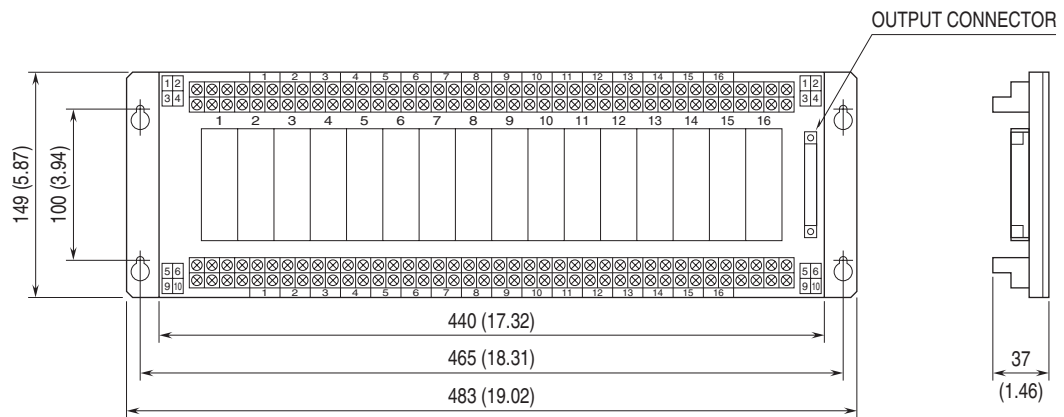
**Dielectric strength:** 1000 V AC @ 1 minute

(between each input, input to output or power to ground)

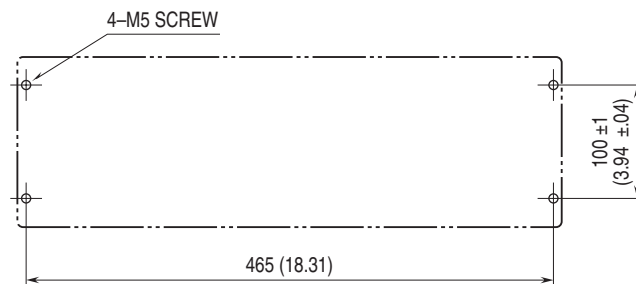
## CONNECTION DIAGRAM



## DIMENSIONS unit: mm (inch)



## MOUNTING REQUIREMENTS unit: mm (inch)



**OUTPUT CONNECTOR****■ OUTPUT CONNECTOR PIN ASSIGNMENT**

XMTR OUTPUT		PIN NO.		XMTR OUTPUT		PIN NO.	
		A SIDE	B SIDE			A SIDE	B SIDE
No. 1	ch. 1 + ch. 2 +	1	1	No. 11	ch. 1 + ch. 2 +	11	11
No. 2	ch. 1 + ch. 2 +	2	2	No. 12	ch. 1 + ch. 2 +	12	12
No. 3	ch. 1 + ch. 2 +	3	3	No. 13	ch. 1 + ch. 2 +	13	13
No. 4	ch. 1 + ch. 2 +	4	4	No. 14	ch. 1 + ch. 2 +	14	14
No. 5	ch. 1 + ch. 2 +	5	5	No. 15	ch. 1 + ch. 2 +	15	15
No. 6	ch. 1 + ch. 2 +	6	6	No. 16	ch. 1 + ch. 2 +	16	16
No. 7	ch. 1 + ch. 2 +	7	7	COM -		17	17
No. 8	ch. 1 + ch. 2 +	8	8	COM -		18	18
No. 9	ch. 1 + ch. 2 +	9	9	COM -		19	19
No. 10	ch. 1 + ch. 2 +	10	10	UNUSED		20	20



Specifications are subject to change without notice.