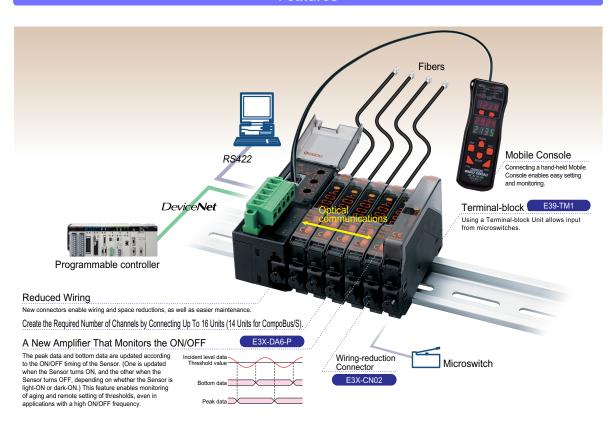
Communication unit for fiber amplifier

E3X-DRT21/SRT21/CIF11



Features



Ordering Information (Shaded models are normally stocked.)

Communication unit

Communication system	Model
For DeviceNet	E3X-DRT21
For CompoBus/S	E3X-SRT21
For RS422	E3X-CIF11

Terminal block unit

Communication system	Model
General	E39-TM1

Fiber amplifier (with incident level monitoring function)

Communication system	Model
General	E3X-DA6-P

Amplifier Unit Connectors

Communication system	Model
	E3X-CN02

^{*} Please order the fiber amplifier and wiring-saving connector as a set.

Rating/performance

Communication unit

Item Model	E3X-DRT21	E3X-SRT21	E3X-CIF11	
Communication system	DeviceNet	CompoBus/S	RS422	
Connectable fiber amplifier *1	E3X-DA6, E3X-DA8, E3X-DAB6, E3X-DAB8, E3X-DAG6, E3X-DAG8 *2			
Connectable liber amplifier	E3X-DA6TW, E3X-DA8TW, E3X-	E3X-DA8TW, E3X-DA6-P, E39-TM1		
Number of connectable fiber amplifiers	16 max.	14 max.	16 max.	
Power supply voltage	11 to 25 VDC	14 to 26.4 VDC	11.4 to 26.4 VDC (12 VDC -5% to 24 VDC +10%)	
Internal current consumption *3	70 mA max.	30 mA max.	40 mA max.	
Ambient temperature	Operating: -20°C to 55°C, Storage: -30°C to 70°C (with no icing or condensation)			
Ambient humidity	35% to 85%RH (with no condensation)			
Weight (Packed state)	Approx. 150 g		Approx. 200 g	

- *1. Connection is not supported for Amplifiers Units cables (e.g., E3X-DA11-N) and water-resistant Amplifiers Units (e.g., E3X-DA11V).
- *2. Can be connected with only the product of the following lot number or later. Can also be connected with the product where "MADE IN JAPAN" on the cover is underlined.

- Lot No. 18601 Manufactured on June 18, 2001. The year of manufacture is denoted as the
 two digits of the year. Denotes the month of manufacture. October,
 November and December are denoted by X, Y and Z, respectively. Denotes the day of manufacture.
- *3. Does not include the current supplied to the fiber amplifier.

Terminal block unit

Item Model	E39-TM1
Supply voltage *1	12 to 24 VDC ±10%, ripple (p-p) : 10% max.
Power supply for sensor	11 to 23 VDC (supply voltage -1 V)
Current consumption	40 mA max. + used sensor's current consumption (total max. 100 mA)
Response speed	1.2 ms max.
Number of input points	1 point
Input signal	NPN/PNP no-voltage input (contact and non-contact), switchable
Input operation form	N.O/N.C. switch selection
Indicator lamp	Input signal display (orange)
Ambient temperature *2	Operating: Groups of 1 to 3 units: -25 to +55°C (with no icing or condensation) Groups of 4 to 8 units: -25 to +45°C (with no icing or condensation) Groups of 9 to 16 units: -25 to +40°C (with no icing or condensation) Storage: -30°C to 70°C

- Power to the E39-TM1 is supplied from the communication unit (option). Use the connector E3X-CN02 (option).
- When 4 or more units are connected, the total current consumption of each unit should be 75 mA max. For use with the E3X-DA-N series, connect the E39-TM1 at the end. At this time, the upper limit of the ambient temperature of the E3X-DA-N series should be -5°C of the rating.

Dimensions (Unit: mm)

Communication unit E3X-DRT21 E3X-SRT21 E3X-CIF11



Terminal block unit E39-TM1



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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

1/04

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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