

LSRLTS-DI01 FXtoLS Adapter (Type5)

16 Point Negative Common Diode Built-in Type for DIM

Summary



- * Summary : Conversion adapter for mounting D-Ring I/O module on FX terminal block
- * I/O terminal connection : Digital input support for 16 channels (CH1 to CH16) (Integrated Diode for Negative Common)
- * Supported modules : (FX-I/O module)
FXDIM01, FXEDIO2A, FXPIM02A (DC 24 V)
FXDIM02, FXEDIO2B, FXPIM02B (DC 48 V)

(D-Ring I/O module)
LSDIM01-1-R, LSDIM01A-1-R
- * Power supply : DC 24 V (Connector Connection between the FX terminal block)

Specifications

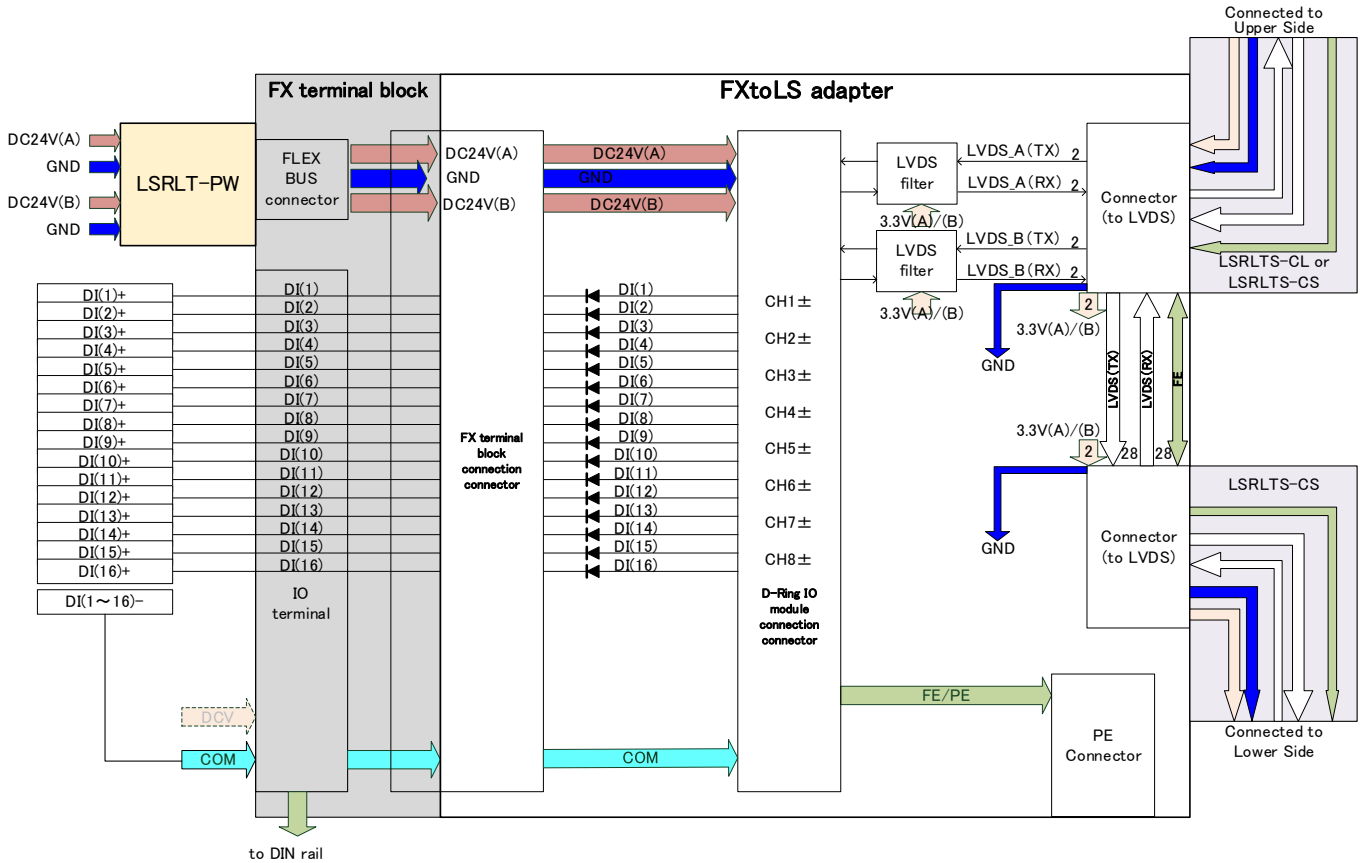
ITEM		SPECIFICATION
Power Specifications	Rated voltage	DC 24 V \pm 20% (Connector connection between the FX terminal block)
	Redundancy method	Independent two-line power supply
Communication method		LVDS
FX terminal block connector	Number of channels	1
	Rated voltage	DC 300 V / AC 264 V
	Rated current	2 A
I/O module connector	Number of channels	1
LVDS communication connector	Number of channels	2
PE connector	Number of channels	1
I/O channel		16 ch (Integrated diode for negative common)
Supported module	FX-I/O module	FXDIM01, FXEDIO2A, FXPIM02A (DC 24 V) FXDIM02, FXEDIO2B, FXPIM02B (DC 48 V) (16 point negative common input)
	D-Ring I/O module	LSDIM01-1-R, LSDIM01A-1-R (16 point negative common input)
Environmental condition	Module ambient temperature	(Operating) 0 to 55°C (Storage) -40 to 85°C
	Module ambient humidity	(Operating / Storage) 5 to 95% RH (No Condensation)
Vibration		3.5 mm @ 5 Hz to 8.4 Hz 1 G @ 8.4 Hz to 150 Hz
Shock		15 G 11 ms
Weight		0.17 kg
Dimensions		55 mm (D) x 94 mm (H) x 46.5 mm (W) (Except projection)
Standard/Directive		IEC 61131-2 : 2017, RoHS directive

(Caution) When replacing from a FX-I/O module to a D-Ring I/O module, carefully check the specifications of the corresponding D-Ring I/O module

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■ Block diagram



LVDS : Low Voltage Differential Signaling
 GND : Ground
 COM : Common
 FE : Functional Earth
 PE : Protective Earth

When using, please read the instruction manual attached to the product carefully and use it properly.

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