LSRLTS-AIO1R FXtoLS Adapter (Type7)

I/O Terminal Connection Normal Type

■Summary

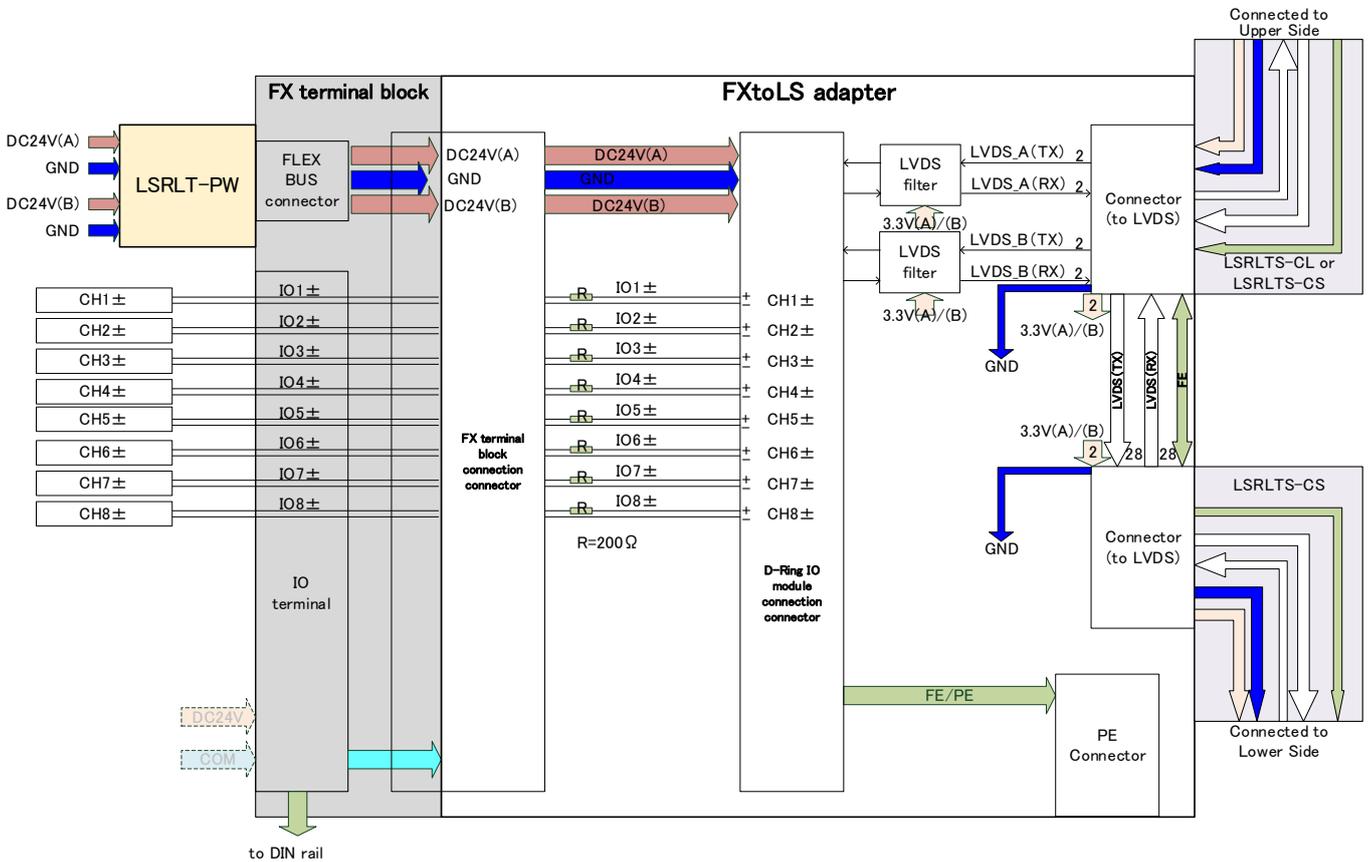|		
＊ Summary	:	Conversion adapter for mounting D-Ring I/O module on FX terminal block
＊ I/O terminal connection	:	Support for normal wiring of channel 8 points (CH1± to CH8±) (+ side 200 Ω built-in)
＊ Supported modules	:	(FX-I/O module) FXAIM01/C (D-Ring I/O module) LSAIM01-1-R
＊ Power supply	:	DC 24 V (Connector connection between the FX terminal block)

■Specifications

ITEM			SPECIFICATION
Power Specifications	Rated voltage		DC 24 V ±20% (Connector connection between the FX terminal block)
	Redundancy method		Independent two-line power supply
Communicaton method			LVDS
FX terminal block connector	Number of channels		1
	Rated voltage	Primary side	DC 300 V / AC 264 V
	Rated current	Primary side	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			8 ch (Built-in 200Ω resistor to prevent inrush current failure on + side)
Supported module	FX-I/O module		FXAIM01/C
	D-Ring I/O module		LSAIM01-1-R
Environmental condition	Module ambient temperature		(Operating) 0 to 55℃ (Storage) −40 to 85℃
	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.

■Block diagram

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