

7 I/O module (Extension connector type)

Model	I/O type	Number of occupied input/output points	Current consumption	
			5 V DC power supply	24 V DC power supply
FX5-C16EX/D	DC input (sink)	16 points	100 mA	65 mA (0 mA*)
FX5-C16EX/DS	DC input (sink/source)			
FX5-C32EX/D	DC input (sink)	32 points	120 mA	130 mA (0 mA*)
FX5-C32EX/DS	DC input (sink/source)			
FX5-C32EX/DS-TS				
FX5-C16EYT/D	Transistor output (sink)	16 points	100 mA	100 mA
FX5-C16EYT/DSS	Transistor output (source)			
FX5-C16EYR/D-TS	Relay output			
FX5-C32EYT/D	Transistor output (sink)	32 points	120 mA	200 mA
FX5-C32EYT/DSS	Transistor output (source)			
FX5-C32EYT/D-TS	Transistor output (sink)			
FX5-C32EYT/DSS-TS	Transistor output (source)			
FX5-C32ET/D	DC input (sink)/transistor output (sink)	32 points	120 mA	165 mA (100 mA*)
FX5-C32ET/DSS	DC input (sink/source)/transistor output (source)			
FX5-C32ET/DS-TS	DC input (sink/source)/transistor output (sink)			
FX5-C32ET/DSS-TS	DC input (sink/source)/transistor output (source)			

*: Current consumption when an external power supply is used for the input circuits.

8 FX5 expansion board

Model	Function	Number of occupied input/output points	Current consumption	
			5 V DC power supply*1	24 V DC power supply
FX5-232-BD	RS-232C communication	—	— (20 mA)	—
FX5-485-BD	RS-485 communication			
FX5-422-BD-GOT	RS-422 communication (for GOT connection)			

*1: Current consumption calculation is not required for the FX5UJ CPU module. Shown in parentheses are values stated in the specifications of each product.

*2: The current consumption will increase when the 5 V type GOT is connected.

9 FX5 expansion adapter

Model	Function	Number of occupied input/output points	Current consumption		
			5 V DC power supply*1	24 V DC power supply*1	24 V DC external power supply
FX5-232ADP	RS-232C communication	—	— (30 mA)	— (30 mA)	—
FX5-485ADP	RS-485 communication		— (20 mA)		
FX5-4A-ADP*2	2 ch voltage input/current input, 2 ch voltage output/current output		— (10 mA)	—	100 mA
FX5-4AD-ADP	4 ch voltage input/current input		— (10 mA)	— (20 mA)	160 mA
FX5-4AD-PT-ADP	4 ch temperature sensor (resistance temperature detector) input				
FX5-4AD-TC-ADP	4 ch temperature sensor (thermocouple) input				
FX5-4DA-ADP	4 ch voltage output/current output				

*1: Current consumption calculation is not required for the FX5UJ CPU module. Shown in parentheses are values stated in the specifications of each product.

*2: Supported by FX5UJ CPU modules Ver. 1.010 or later.

10 FX5 safety extension module

Model	Function	Number of occupied input/output points	Current consumption		
			5 V DC power supply	24 V DC power supply	24 V DC external power supply
FX5-SF-MU4T5*1*2	Safety main module 4-points safety input/4-points safety output	8 points	200 mA	5 mA	125 mA
FX5-SF-8DI4*2	Safety input expansion module 8-points safety input	0 points	—	—	125 mA*3

*1: Locate these modules on the rightmost side of the system configuration. However, this does not apply when the safety input extension module is connected. They cannot be used together with the bus conversion module or FX3 extension module.

*2: Supported by FX5UJ CPU modules Ver. 1.010 or later.

*3: Supplied from external 24 V DC power supply of the FX5-SF-MU4T5.