2 I/O module (AC power supply/DC input type) (extension cable type)

Model	Function	Number of occupied input/output points	Power supply capacity		I/O type	No. of input points	No. of output points
			5 V DC power supply	24 V DC service power supply			
FX5-32ER/ES	I/O module (24 V DC service power built-in)	32 points	965 mA	250 mA (310 mA*)	DC input (sink/source)/relay output	16 points	16 points
FX5-32ET/ES					DC input (sink/source)/transistor (sink)		
FX5-32ET/ESS					DC input (sink/source)/transistor (source)		

∗: Power supply capacity when an external power supply is used for input circuits.

3 FX5 extension power supply module

Model	Function	Number of occupied input/output points	Power supply capacity	
			5 V DC power supply	24 V DC power supply
FX5-1PSU-5V	Extension power supply	—	1200 mA*	300 mA*

∗: Derating occurs when the ambient temperature exceeds 40°C. For details, refer to the manual.

4 I/O module (extension cable type)

Model	I/O type	Number of occupied input/output points	Current consumption	
			5 V DC power supply	24 V DC power supply
FX5-8EX/ES	DC input (sink/source)	8 points	75 mA	50 mA (0 mA*1)
FX5-16EX/ES	DC input (sink/source)	16 points	100 mA	85 mA (0 mA*1)
FX5-8EYR/ES	Relay output	8 points	75 mA	75 mA
FX5-8EYT/ES	Transistor output (sink)			
FX5-8EYT/ESS	Transistor output (source)			
FX5-16EYR/ES	Relay output	16 points	100 mA	125 mA
FX5-16EYT/ES	Transistor output (sink)			
FX5-16EYT/ESS	Transistor output (source)			
FX5-16ER/ES	DC input (sink/source)/relay output	16 points	100 mA	125 mA (85 mA*1)
FX5-16ET/ES	DC input (sink/source)/transistor output (sink)			
FX5-16ET/ESS	DC input (sink/source)/transistor output (source)			
FX5-16ET/ES-H*2	DC input (sink/source)/transistor output (sink)	16 points	100 mA	125 mA (85 mA*1)
FX5-16ET/ESS-H*2	DC input (sink/source)/transistor output (source)			

∗1: Current consumption when an external power supply is used for input circuits.
∗2: Supported by FX5UJ CPU module Ver. 1.030 or later.

5 FX5 intelligent function 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
FX5-4AD	4-ch voltage/current input	8 points	100 mA	40 mA	—
FX5-4DA	4-ch voltage/current output	8 points	100 mA	—	150 mA
FX5-8AD	8-ch voltage/current/thermocouple/resistance temperature detector input	8 points	—	40 mA	100 mA
FX5-4LC	4-ch temperature control (thermocouple/resistance temperature detector/micro voltage)	8 points	140 mA	—	25 mA
FX5-20PG-P	Pulse output for 2-axis control (transistor output)	8 points	—	—	120 mA
FX5-20PG-D	Pulse output for 2-axis control (differential driver output)	8 points	—	—	165 mA
FX5-40SSC-S	Simple motion 4-axis control (SSCNET III/H compatible)	8 points	—	—	250 mA
FX5-80SSC-S	Simple motion 8-axis control (SSCNET III/H compatible)	8 points	—	—	250 mA
FX5-CCLGN-MS*1	CC-Link IE TSN master/local	8 points	—	—	220 mA
FX5-ENET	Ethernet communication	8 points	—	110 mA	—
FX5-ENET/IP	EtherNet/IP communication, Ethernet communication	8 points	—	110 mA	—
FX5-CCL-MS	CC-Link system master/intelligent device station	8 points*2	—	—	100 mA
FX5-CCLIEF	CC-Link IE Field Network intelligent device station	8 points	10 mA	—	230 mA
FX5-ASL-M	AnyWireASLINK system master	8 points	200 mA	—	100 mA*3
FX5-DP-M	PROFIBUS-DP master	8 points	—	150 mA	—

∗1: Supported by FX5UJ CPU module Ver. 1.040 or later.
∗2: When using FX5-CCL-MS as a master station, the number of remote I/O points on the network increases.
∗3: This value does not include the supply current to remote modules (Max. 2 A).

6 Connector conversion module

Model	Function	Number of occupied input/output points	Current consumption	
			5 V DC power supply	24 V DC power supply
FX5-CNV-IF	Connector conversion (FX5 (Extension cable type) → FX5 (Extension connector type))	—	—	—