

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)) | — | — | — |