

Anywire ASLINK and PROFIBUS

Model Number	FX5-ASL-M	FX5-DP-M
Stocked Item	S	S
Certification	UL • cUL • CE	
Applicable CPU	FX5U/FX5UC/FX5UJ	
Network Protocol	Anywire ASLINK	Profibus
Station Type	Master	
Power Supply	24 VDC +15%, -10%, ripple voltage 0.5 Vp-p or lower (external), 5 VDC (internal)	24 VDC (internal)
Current Consumption	100 mA (external), 200mA (internal)	150mA
Maximum Transmission Distance (Total Length)	200 m	1200m/segment
Network Topology	Bus (multidrop, T-branch, tree branch system)	Bus
Number of Data Points	384 I/O max (input: 256 max, output 256 max)	Max 2048 bytes input, 2048 bytes output
Number of Connected Slave Modules	128 max (varies depending on current consumption of each slave module)	64
Number of Occupied I/O Points	8 pts	
Weight (kg)	0.2	
Dimensions (W x H x D) mm	40 x 90 x 97.3	40 x 90 x 88.3

Safety Extension Modules

Safety Extension Modules

Safety control systems can be easily added to iQ-F with Safety Extension Modules. They must be configured as the right-most modules in an iQ-F system.

Model Number	FX5-SF-MU4T5	FX5-SF-8DI4
Stocked Item	S	S
Certification	UL • cUL • CE	
Applicable PLCs	FX5U/FX5UC/FX5UJ	
Safety Integrity Level (SIL)	SIL3 (IEC 61508)/SILCL 3 (IEC 62061)	
Category	Category 4 (DIN EN ISO 13849-1)	
Performance Level (PL)	PL e(DIN EN ISO 13849-1)	
PFHd	1.5×10^{-9} to 1.5×10^{-8}	
TM (Mission Tme)	20 years (EN ISO 13849-1)	
Safety Inputs	4 points	8 points
General Inputs	4 points (3 general inputs/1 ENABLE input)	-
Test Outputs	2 points (source)	8 points (source)
Safety Outputs	4 points (source)	-
Weight (kg)	0.3	0.25
Dimensions (W x H x D) mm	50 x 90 x 83	50 x 90 x 83

SD Card Interface

The SD card interface board enables SD card related functionality on FX5S CPU.

Model Number	FX5-SDCD
Stocked Item	S
Certification	UL • cUL • CE
Applicable PLCs	FX5S
Weight (kg)	0.02
Dimensions (W x H x D) mm	38 x 51.4 x 15.1

Interfaces and Power Supplies

Extension Power Supply

The iQ-F Series power supply unit is used to add power onto the expansion buses when the built-in service power supplies are not sufficient.

Model Number		FX5-1PSU-5V	FX5-C1PS-5V
Stocked Item		S	S
Certification		UL • cUL • CE	UL • cUL • CE
Applicable PLCs		FX5U/FX5UJ	FX5UC
Rated Voltage		100 to 240 VAC	24 VDC
Rated Frequency		50/60Hz	-
Allowable Instantaneous Power Failure Time		10 ms or less	Operation can be continued upon occurrence of instantaneous power failure for 5 ms or less
Power Fuse		250 V 3.15 A time-lag fuse	125 V, 3.15 A time-lag fuse
In-Rush Current		25 A Max. 5 ms or less / 100 VAC 50 A Max. 5 ms or less / 200 VAC	35A max 0.5 ms or less / 24 VDC
Power Consumption		20 W Max.	30W
Output Current	24 VDC	0.3A	1200 mA
	5 VDC	1.2A	625 mA
Weight (kg)		0.3	0.1
Dimensions (W x H x D) mm		50 x 90 x 83	20.1 x 90 x 74

Bus Conversion Modules

The iQ-F bus conversion module enables the connection of FX3U Intelligent function modules to the FX5U control system. The FX3U intelligent function modules must be set up through the PLC program as parameter setup is not available in GX Works3.

Model Number	FX5-CNV-BUS	FX5-CNV-BUSC	FX5-CNV-IFC	FX5-CNV-BC	FX5-CNV-IF
Stocked Item	S	S	S	S	S
Certification	UL • cUL • CE				
Applicable PLCs	FX5U/FX5UC	FX5UC	FX5UC	FX5U/FX5UC/FX5UJ	FX5U/FX5UJ
Function	Bus conversion from CPU module or extension modules (extension cable type) or FX5 intelligent function modules	Bus conversion from CPU module or extension modules (extension connector type)	Connector conversion from CPU module or extension modules (extension connector type)	Connects extended extension cable to FX5 I/O, High speed pulse I/O, and intelligent function modules	Connects FX5 I/O modules (extension connector type) with FX5U CPU module systems.
No. of Occupied Input/Output Points	8	8	-	-	-
5 VDC Power Supply	150 mA	150 mA	-	-	-
Weight (kg)	0.1	0.1	0.06	0.04	0.06
Dimensions (W x H x D) mm	16 x 90 x 83	14.6 x 90 x 74	14.6 x 90 x 74	60.5 x 40 x 16.4	14.6 x 90 x 74

Accessories

SD Memory Cards

Model Number	NZ1MEM-2GBSD	NZ1MEM-4GBSD
Stocked Item	S	S
Applicable PLCs	FX5U/FX5UC/FX5UJ/FX5S	
Memory Card Size	2GB	4GB

Battery

Model Number	FX3U-32BL
Stocked Item	S
Applicable PLCs	FX5U/FX5UC

Communication Cable

Model Number	FX-232CAB-1
Stocked Item	S
Applicable PLCs	FX5U/FX5UC/FX5UJ/FX5S
Application	PC to FX5-232ADP; PC to FX5-232-BD

Extended Extension Cables

Model Number	FX5-30EC	FX5-65EC
Stocked Item	S	S
Applicable PLCs	FX5U/FX5UC/FX5UJ	
Application	Used to install FX5 extension modules (extension cable type) at a remote location	
Length (m)	0.3	0.65

Connection Cables for FX5UC Main Units

Model Number	FX2NC-100MPCB	FX2NC-100BPCB	FX2NC-10BPCB1
Stocked Item	S	-	-
Application	24 VDC power cable for main units	24 VDC power cable for extension units	Power crossover cable for input extension blocks
Length (m)	1	1	0.1