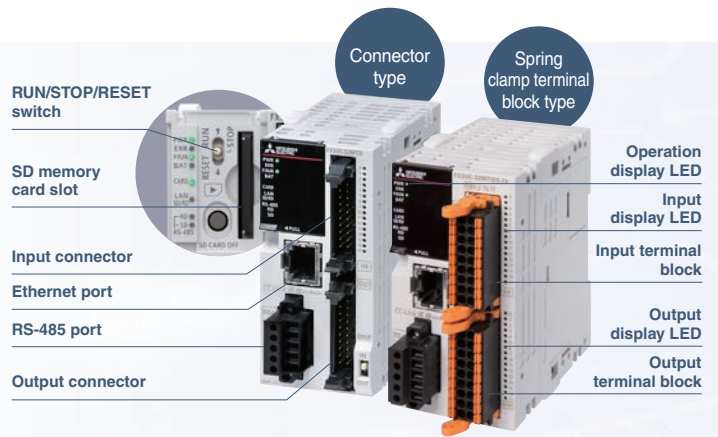


System Configuration

FX5UC

High functioning compact model to help miniaturize equipment by condensing various functions into a compact body



FX5 expansion adapter

Max. 2 modules

Communication

FX5-232ADP For RS-232C communication
FX5-485ADP For RS-485 communication

Max. 4 modules

Analog

FX5-4A-ADP*1 For analog input/output
FX5-4AD-ADP For analog input
FX5-4DA-ADP For analog output
FX5-4AD-PT-ADP For resistance temperature detector input
FX5-4AD-TC-ADP*1 For thermocouple input

Peripheral device

HMI

GOT2000

FX5UC CPU module

DC D1 T1
DC D2 T2
DC D2 T1
DC D2 T2
DC D2 R

Input: 16 points/Output: 16 points

DC D1 T1
DC D2 T2

Input: 32 points/Output: 32 points

DC D1 T1
DC D2 T2

Input: 48 points/Output: 48 points

FX5 extension module (Extension connector type)

I/O module

Input module

FX5-C16EX/D
FX5-C16EX/DS
FX5-C32EX/D
FX5-C32EX/DS
FX5-C32EX/DS-TS*2

Output module

FX5-C16EYT/D
FX5-C16EYT/DSS
FX5-C16EYR/D-TS*2
FX5-C32EYT/D
FX5-C32EYT/DSS
FX5-C32EYT/D-TS*2
FX5-C32EYT/DSS-TS*2

I/O module

FX5-C32ET/D
FX5-C32ET/DSS
FX5-C32ET/DS-TS*2
FX5-C32ET/DSS-TS*2

- DC DC power supply
- D1 DC input (sink)
- D2 DC input (sink/source)
- T1 Transistor output (sink)
- T2 Transistor output (source)
- R Relay output
- Connector connection
- Cable connection

Outline specifications

Item		Outline specifications
Power supply	Rated voltage	24 V DC
	Power consumption*1	32M: 5 W/24 V DC (30 W/24 V DC +20%, -15%) 64M: 8 W/24 V DC (33 W/24 V DC +20%, -15%) 96M: 11 W/24 V DC (36 W/24 V DC +20%, -15%)
	5 V DC power supply capacity	720 mA
	24 V DC internal power supply	500 mA
Input/output	Input specifications	5.3 mA/24 V DC (X20 and later: 4.0 mA/24 V DC)
	Output specifications	Relay output type: 2 A/1 point, 4 A or less/8 points common*2 30 V DC or less, 240 V AC or less (250 V AC or less in case of noncompliance with CE, UL, cUL Standards) Transistor output type: Y000 to Y003 0.3 A/1 point, Y004 and later 0.1 A/1 point, 0.8 A/8 points common*3 5 to 30 V DC
	Input/output extension	Extension device for FX5 can be connected (extension power supply module (FX5-C1PS-5V) or connector conversion module (FX5-CNV-IFC) is required when connecting an extension cable type)

*1: The value results when the CPU module is used alone. The values in the parentheses () result when the maximum no. of connections have been made to the CPU module. (External 24 V DC power supplies of extension devices are not included.)

*2: 8 A or less when two common terminals are connected to the external part.

*3: 1.6 A or less when two common terminals are connected to the external part.

Models with restrictions are marked with symbols such as *A/*B/*C. For details of restrictions, refer to P78 [List of annotations].

1 CPU module

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 power supply			
FX5UC-32MT/D	CPU module	32 points	720 mA	500 mA	DC input (sink)/transistor (sink)	16 points	16 points
FX5UC-32MT/DSS					DC input (sink/source)/transistor (source)		
FX5UC-32MT/DS-TS					DC input (sink/source)/transistor (sink)		
FX5UC-32MT/DSS-TS					DC input (sink/source)/transistor (source)		
FX5UC-32MR/DS-TS					DC input (sink/source)/relay output		
FX5UC-64MT/D		64 points			DC input (sink)/transistor (sink)	32 points	32 points
FX5UC-64MT/DSS					DC input (sink/source)/transistor (source)		
FX5UC-96MT/D		96 points			DC input (sink)/transistor (sink)	48 points	48 points
FX5UC-96MT/DSS					DC input (sink/source)/transistor (source)		

2 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	24 V DC external power supply (24 V DC power supply for input circuit)
FX5-C16EX/D	DC input (sink)	16 points	100 mA	—	65 mA
FX5-C16EX/DS	DC input (sink/source)				
FX5-C32EX/D	DC input (sink)	32 points	120 mA		130 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	100 mA	65 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)				

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-C1PS-5V	Extension power supply	—	1200 mA*	625 mA*

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

4 Connector conversion module

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

5 -1) I/O module (DC power supply/DC input type) (extension cable type)

Model	Function	Number of occupied input/output points	Power supply capacity		I/O type
			5 V DC power supply	24 V DC power supply	
FX5-32ER/DS	Input/output module	32 points	965 mA	310 mA	DC input (sink/source)/relay output
FX5-32ET/DS					DC input (sink/source)/transistor output (sink)
FX5-32ET/DSS					DC input (sink/source)/transistor output (source)

Performance Specifications



FX5U

FX5UC

◆ FX5U/FX5UC CPU module performance specifications

Items		Specifications
Control system		Stored-program repetitive operation
Input/output control system		Refresh system (Direct access input/output allowed by specification of direct access input/output (DX, DY))
Programming specifications	Programming language	Ladder diagram (LD), structured text (ST), function block diagram/ladder diagram (FBD/LD), sequential function chart (SFC)*1
	Programming expansion function	Function block (FB), function (FUN), label programming (local/global)
	Constant scan	0.2 to 2000 ms (can be set in 0.1 ms increments)
	Fixed cycle interrupt	1 to 60000 ms (can be set in 1 ms increments)
	Timer performance specifications	100 ms, 10 ms, 1 ms
	No. of program executions	32
Operation specifications	No. of FB files	16 (Up to 15 for user)
	Execution type	Standby type, initial execution type, scan execution type, fixed-cycle execution type, event execution type
	Interrupt type	Internal timer interrupt, input interruption, high-speed comparison match interrupt, interrupt by module*2
Command processing time	LD X0	34 ns*3
	MOV D0 D1	34 ns*3
Memory capacity	Program capacity	64 k/128 k steps*4 (128 kbytes/256 kbytes, flash memory)
	SD memory card	Memory card capacity (SD/SDHC memory card: Max. 16 Gbytes)
	Device/label memory	150 kbytes*5
	Data memory/standard ROM	5 Mbytes
Flash memory (Flash ROM) write count		Maximum 20000 times
File storage capacity	Device/label memory	1
	Data memory	
	P: No. of program files FB: No. of FB files	P: 32, FB: 16
	SD memory card	NZ1MEM-2GBSD: 511*6 NZ1MEM-4GBSD, NZ1MEM-8GBSD, NZ1MEM-16GBSD: 65534*6
Clock function	Display data	Year, month, day, hour, minute, second, day of week (leap year automatic detection)
	Precision	Differences per month ±45 sec./25°C (TYP)
No. of input/output points	(1) No. of input/output points	256 points or less/384 points or less*4
	(2) No. of remote I/O points	384 points or less/512 points or less*4
	Total No. of points of (1) and (2)	512 points or less
Power failure retention (clock data*7)	Retention method	Large-capacity capacitor
	Retention time	10 days (Ambient temperature: 25°C)
Power failure retention (device)	Power failure retention capacity	Maximum 12 k word*8

*1: Supported in the FX5U/FX5UC CPU module firmware version 1.220 or later. In addition, GX Works3 version 1.070Y or later is required.

*2: Interrupt from the intelligent function module and high-speed pulse input/output module.

*3: When the program capacity is 64 k steps.

*4: Supported in the FX5U/FX5UC CPU module firmware version 1.100 or later. In addition, GX Works3 version 1.047Z or later is required.

*5: Supported in the FX5U/FX5UC CPU module firmware version 1.210 or later. In addition, GX Works3 version 1.065T or later is required.

*6: The value listed above indicates the number of files stored in the root folder.

*7: Clock data is retained using the power accumulated in a large-capacity capacitor incorporated into the PLC. When voltage of the large-capacity capacitor drops, clock data is no longer accurately retained. The retention period of a fully charged capacitor (electricity is conducted across the PLC for at least 30 minutes) is 10 days (ambient temperature: 25°C). How long the capacitor can hold the data depends on the operating ambient temperature. When the operating ambient temperature is high, the holding period is short.

*8: All devices in the device (high-speed) area can be held against power failure. Devices in the device (standard) area can be held also when the optional battery is mounted.

◆ Number of device points

Items		Base	Max. number of points	
No. of user device points	Input relay (X)	8	1024 points	The total number of X and Y assigned to input/output points is up to 256 points/384 points*1.
	Output relay (Y)	8	1024 points	
	Internal relay (M)	10	32768 points (can be changed with parameter)*2	
	Latch relay (L)	10	32768 points (can be changed with parameter)*2	
	Link relay (B)	16	32768 points (can be changed with parameter)*2	
	Annunciator (F)	10	32768 points (can be changed with parameter)*2	
	Link special relay (SB)	16	32768 points (can be changed with parameter)*2	
	Step relay (S)	10	4096 points (fixed)	
	Timer system	Timer (T)	10	1024 points (can be changed with parameter)*2
	Accumulation timer system	Accumulation timer (ST)	10	1024 points (can be changed with parameter)*2
	Counter system	Counter (C)	10	1024 points (can be changed with parameter)*2
		Long counter (LC)	10	1024 points (can be changed with parameter)*2
	Data register (D)	10	8000 points (can be changed with parameter)*2	
	Link register (W)	16	32768 points (can be changed with parameter)*2	
No. of system device points	Link special register (SW)	16	32768 points (can be changed with parameter)*2	
	Special relay (SM)	10	10000 points (fixed)	
	Special register (SD)	10	12000 points (fixed)	
Module access device	Intelligent function module device	10	65536 points (designated by U□/G□)	
No. of index register points	Index register (Z)*3	10	24 points	
	Long index register (LZ)*3	10	12 points	
No. of file register points	File register (R)	10	32768 points (can be changed with parameter)*2	
	Extended file register (ER)	10	32768 points (are stored in SD memory card)	
No. of nesting points	Nesting (N)	10	15 points (fixed)	
	Pointer (P)	10	4096 points	
No. of pointer points	Interrupt pointer (I)	10	178 points (fixed)	
	SFC block device (BL)	10	32 points	
No. of SFC points	SFC transition device (TR)	10	0 points (Used only as device comments.)	
Others	Decimal constant (K)	Signed	16 bits: -32768 to +32767, 32 bits: -2147483648 to +2147483647	
		Unsigned	16 bits: 0 to 65535, 32 bits: 0 to 4294967295	
	Hexadecimal constant (H)		16 bits: 0 to FFFF, 32 bits: 0 to FFFFFFFF	
	Real constant (E)	Single precision	E-3.40282347+38 to E-1.17549435-38, 0, E1.17549435-38 to E3.40282347+38	
	Character string		Shift-JIS code max. 255 single-byte characters (256 including NULL) Unicode max. 255 characters (256 including NULL)*4	

*1: Supported in the FX5U/FX5UC CPU module firmware version 1.100 or later. In addition, GX Works3 version 1.047Z or later is required.

*2: Can be changed with parameters within the capacity range of the CPU built-in memory.

*3: The sum of index register (Z) and long index register (LZ) is 24 words.

*4: Supported in the FX5U/FX5UC CPU module firmware version 1.240 or later. In addition, GX Works3 version 1.075D or later is required.

General, Power Supply, Input/Output Specifications

● Power supply specifications (FX5UJ CPU module)

Item		Specifications		
		FX5UJ-24M□	FX5UJ-40M□	FX5UJ-60M□
Rated voltage		100 to 240 V AC		
Voltage fluctuation range		-15%, +10%		
Frequency rating		50/60 Hz		
Allowable instantaneous power failure time*1		Operation can be continued upon occurrence of instantaneous power failure for 10 ms or less. When the supply voltage is 200 V AC or higher, the time can be change to 10 to 100 ms by editing the user program.		
Power fuse		250 V, 3.15 A Time-lag fuse		
Rush current		25 A max. 5 ms or less/100 V AC 50 A max. 5 ms or less/200 V AC	30 A max. 5 ms or less/100 V AC 50 A max. 5 ms or less/200 V AC	
Power consumption*2		30 W	32 W	35 W
24 V DC service power supply capacity*3*4	Supply capacity when 24 V DC service power supply is used for input circuit of the CPU module	400 mA	400 mA	400 mA
	Supply capacity when external power supply is used for input circuit of the CPU module	460 mA	500 mA	550 mA

*1: The allowable instantaneous power failure time does not apply to the FX5 safety extension module.

*2: This item shows value when all 24 V DC service power supplies are used in the maximum configuration connectable to the CPU module. (The current of the input circuit is included.)

*3: When I/O modules are connected, they consume current from the 24 V DC service power supply. For details about the service power supply, refer to the manual.

*4: The FX5 safety extension module cannot use a 24 V DC service power supply.

● Power supply specifications (FX5U CPU module, AC power supply type)

Item		Specifications		
		FX5U-32M□/E□	FX5U-64M□/E□	FX5U-80M□/E□
Rated voltage		100 to 240 V AC		
Voltage fluctuation range		-15%, +10%		
Frequency rating		50/60 Hz		
Allowable instantaneous power failure time		Operation can be continued upon occurrence of instantaneous power failure for 10 ms or less. If the supply voltage is 200 V AC system, change in the range from 10 to 100 ms can be made by the user program.		
Power fuse		250 V 3.15 A Time-lag Fuse	250 V 5 A Time-lag Fuse	
Rush current		25 A max. 5 ms or less/100 V AC 50 A max. 5 ms or less/200 V AC	30 A max. 5 ms or less/100 V AC 60 A max. 5 ms or less/200 V AC	
Power consumption*1		30 W	40 W	45 W
5 V DC internal power supply capacity		900 mA	1100 mA	1100 mA
24 V DC service power supply capacity*2	Supply capacity when 24 V DC service power supply is used for input circuit of the CPU module*3	400 mA (300 mA)	600 mA (300 mA)	600 mA (300 mA)
	Supply capacity when external power supply is used for input circuit of the CPU module*3	480 mA (380 mA)	740 mA (440 mA)	770 mA (470 mA)

*1: The values show the state where the service power of 24 V DC is consumed to the maximum level in case that its configuration has the max. no. of connections provided to CPU module. (Including the current in an input circuit)

*2: When I/O modules are connected, they consume current from the 24 V DC service power supply, resulting in decrease of usable current. For details about the service power supply, refer to the manual.

*3: The value in () is capacity of 24 V DC service power supply in the case where operating ambient temperature is lower than 0°C.

● Power supply specifications (FX5U CPU module, DC power supply type)

Item		Specifications		
		FX5U-32M□/D□	FX5U-64M□/D□	FX5U-80M□/D□
Rated voltage		24 V DC		
Voltage fluctuation range		-30%, +20%		
Allowable instantaneous power failure time		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	250 V 5 A Time-lag Fuse	
Rush current		50 A max. 0.5 ms or less/24 V DC	65 A max. 2.0 ms or less/24 V DC	
Power consumption*1		30 W	40 W	45 W
5 V DC internal power supply capacity*2		900 mA (775 mA)	1100 mA (975 mA)*2	1100 mA (975 mA)*2
24 V DC internal power supply capacity*2		480 mA (360 mA)	740 mA (530 mA)*2	770 mA (560 mA)*2

*1: The values show the state where power is consumed to the maximum level in case that the configuration has the max. no. of connections provided to CPU module.

*2: The values in the parentheses () indicate the power supply capacity to be resulted when the power supply voltage falls in the range from 16.8 to 19.2 V DC.

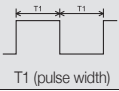
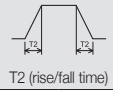
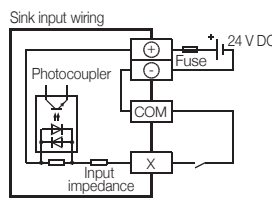
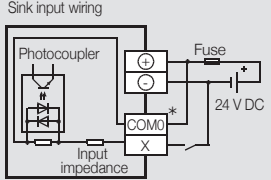
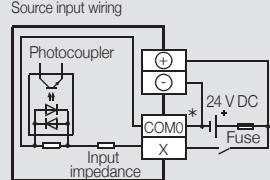
● Power supply specifications (FX5UC CPU module)

Item		Specifications		
		FX5UC-32M□/□	FX5UC-64MT/□	FX5UC-96MT/□
Rated voltage		24 V DC		
Voltage fluctuation range		+20%, -15%		
Allowable instantaneous power failure time		Operation can be continued upon occurrence of instantaneous power failure for 5 ms or less.		
Power fuse		125 V 3.15 A Time-lag Fuse		
Rush current		35 A max. 0.5 ms or less/24 V DC	40 A max. 0.5 ms or less/24 V DC	
Power consumption*		5 W/24 V DC (30 W/24 V DC +20%, -15%)	8 W/24 V DC (33 W/24 V DC +20%, -15%)	11 W/24 V DC (36 W/24 V DC +20%, -15%)
5 V DC internal power supply capacity		720 mA		
24 V DC internal power supply capacity		500 mA		

*: The value results when the CPU module is used alone.

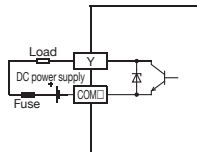
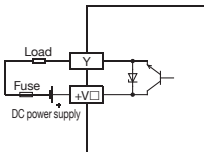
The values in the parentheses () result when the maximum no. of connections have been made to the CPU module. (External DC 24 V power supplies of extension modules are not included.)

● Input specifications (FX5UC CPU module)

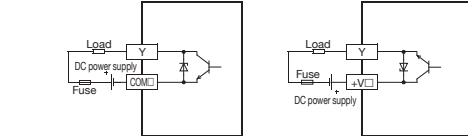
Item		Specifications		
		FX5UC-32M□/□	FX5UC-64MT/□	FX5UC-96MT/□
No. of input points		16 points	32 points	48 points
Connection type		Connector (FX5UC-□MT/D(SS)) Spring clamp terminal block (FX5UC-32M□/□-TS)		
Input type		Sink (FX5UC-□MT/D) Sink/source (FX5UC-□MT/DSS, FX5UC-32MT/DS(S)-TS)		
Input signal voltage		24 V DC +20%, -15%		
Input signal current	X0 to X17	5.3 mA/24 V DC		
	X20 and subsequent	4.0 mA/24 V DC		
Input impedance	X0 to X17	4.3 kΩ		
	X20 and subsequent	5.6 kΩ		
ON input sensitivity current	X0 to X17	3.5 mA or more		
	X20 and subsequent	3.0 mA or more		
OFF input sensitivity current		1.5 mA or less		
Input response frequency	X0 to X5	200 kHz	—	
	X0 to X7	—	200 kHz	
	X6 to X17	10 kHz	—	
	X10 to X17	—	10 kHz	
Pulse waveform	Waveform			
		T1 (pulse width)		T2 (rise/fall time)
	X0 to X5	T1: 2.5 μs or more, T2: 1.25 μs or less		—
	X0 to X7	—		T1: 2.5 μs or more, T2: 1.25 μs or less
	X6 to X17	T1: 50 μs or more, T2: 25 μs or less		—
X10 to X17	—		T1: 50 μs or more, T2: 25 μs or less	
Input response time (H/W filter delay)	X0 to X5	ON: 2.5 μs or less, OFF: 2.5 μs or less		—
	X0 to X7	—		ON: 2.5 μs or less, OFF: 2.5 μs or less
	X6 to X17	ON: 30 μs or less, OFF: 50 μs or less		—
	X10 to X17	—		ON: 30 μs or less, OFF: 50 μs or less
	X20 and subsequent	—		ON: 50 μs or less, OFF: 150 μs or less
Input response time (Digital filter setting value)		None, 10 μs, 50 μs, 0.1 ms, 0.2 ms, 0.4 ms, 0.6 ms, 1 ms, 5 ms, 10 ms (initial values), 20 ms, 70 ms When using this product in an environment with much noise, set the digital filter.		
Input signal format (Input sensor form)		FX5UC-□MT/D No-voltage contact input NPN open collector transistor FX5UC-□MT/DSS, FX5UC-32M□/□-TS No-voltage contact input Sink: NPN open collector transistor Source: PNP open collector transistor		
Input circuit insulation		Photocoupler		
Indication of input operation		LED is lit when input is on (DISP switch: IN)		
Input circuit configuration		FX5UC-□MT/D		
				
Input circuit configuration		FX5UC-□MT/DSS, FX5UC-32M□/□-TS		
		Sink input wiring  Source input wiring 		

*: Spring clamp terminal block type: The [COM0] terminal is the [S/S] terminal.

● Transistor output (FX5U CPU module)

Item		Specifications		
		FX5U-32MT/□	FX5U-64MT/□	FX5U-80MT/□
No. of output points		16 points	32 points	40 points
Connection type		Screw terminal block		
Output type		Transistor/sink output (FX5U-□MT/ES, FX5U-□MT/DS) Transistor/source output (FX5U-□MT/ESS, FX5U-□MT/DSS)		
External power supply		5-30 V DC		
Max. load		0.5 A/point The total load current per common terminal should be the following value. • 4 output points/common terminal: 0.8 A or less • 8 output points/common terminal: 1.6 A or less		
Open circuit leakage current		0.1 mA or less/30 V DC		
Voltage drop when ON	Y0 to Y3	1.0 V or less		
	Y4 and subsequent	1.5 V or less		
Response time	Y0 to Y3	2.5 μs or less/10 mA or more (5-24 V DC)		
	Y4 and subsequent	0.2 ms or less/200 mA or more (24 V DC)		
Circuit insulation		Photocoupler		
Indication of output operation		LED is lit when output is on		
Output circuit configuration		Sink output wiring		
				
Output circuit configuration		Source output wiring		
				
		A number is entered in the □ of [COM□]. A number is entered in the □ of [+V□].		

● Transistor output (FX5UC CPU module)

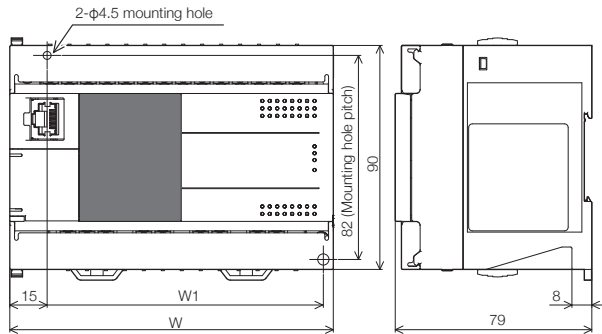
Item		Specifications		
		FX5UC-32MT/□	FX5UC-64MT/□	FX5UC-96MT/□
No. of output points		16 points	32 points	48 points
Connection type		Connector (FX5UC-□MT/D(SS)) Spring clamp terminal block (FX5UC-32MT/DS(S)-TS)		
Output type		Transistor/sink output (FX5UC-□MT/D(S)-TS) Transistor/source output (FX5UC-□MT/DSS(-TS))		
External power supply		5-30 V DC		
Max. load		Y0 to Y3: 0.3 A/1 point Y4 and subsequent: 0.1 A/1 point The total load current per common terminal should be the following value. ● 8 output points/common terminal: 0.8 A or less*		
Open circuit leakage current		0.1 mA or less/30 V DC		
Voltage drop when ON	Y0 to Y3	1.0 V or less		
	Y4 and subsequent	1.5 V or less		
Response time	Y0 to Y3	2.5 μs or less/10 mA or more (5-24 V DC)		
	Y4 and subsequent	0.2 ms or less/100 mA (24 V DC)		
Circuit insulation		Photocoupler		
Indication of output operation		LED is lit when output is on (DISP switch: OUT) (FX5UC-□MT/D(SS)) LED is lit when output is on (FX5UC-32MT/DS(S)-TS)		
Output circuit configuration		Sink output wiring Source output wiring		
				
		A number is entered in the □ of [COM□]. A number is entered in the □ of [+V□].		

*: 1.6 A or less when two common terminals are connected outside.

External Dimensions

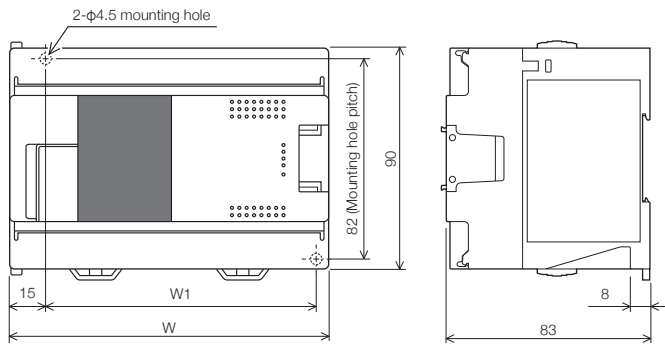
Unit: mm

CPU module



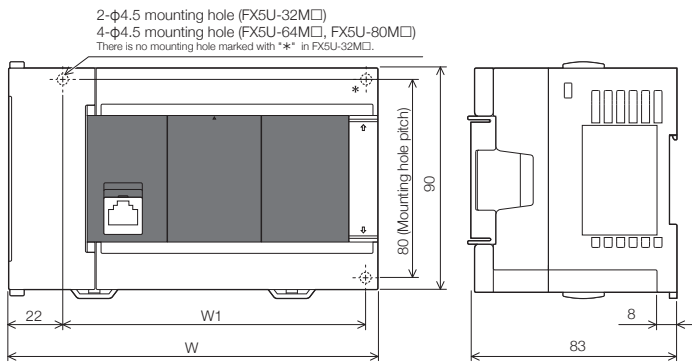
- External color: Main body, Munsell 0.6B7.6/0.2

Model	W: mm	W1: mm Mounting hole pitches	MASS (Weight): kg
FX5S-30M□	100	81	Approx. 0.45
FX5S-40M□	130	111	Approx. 0.55
FX5S-60M□	175	156	Approx. 0.65



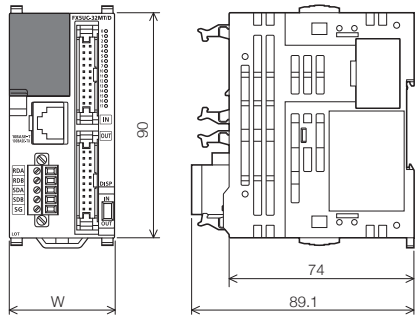
- External color: Main body, Munsell 0.6B7.6/0.2

Model	W: mm	W1: mm Mounting hole pitches	MASS (Weight): kg
FX5UJ-24M□	95	76	Approx. 0.55
FX5UJ-40M□	130	111	Approx. 0.65
FX5UJ-60M□	175	156	Approx. 0.80



- External color: Main body, Munsell 0.6B7.6/0.2

Model	W: mm	W1: mm Mounting hole pitches	MASS (Weight): kg
FX5U-32MR/ES, FX5U-32MT/ES, FX5U-32MT/ESS FX5U-32MR/DS, FX5U-32MT/DS, FX5U-32MT/DSS	150	123	Approx. 0.7
FX5U-64MR/ES, FX5U-64MT/ES, FX5U-64MT/ESS FX5U-64MR/DS, FX5U-64MT/DS, FX5U-64MT/DSS	220	193	Approx. 1.0
FX5U-80MR/ES, FX5U-80MT/ES, FX5U-80MT/ESS FX5U-80MR/DS, FX5U-80MT/DS, FX5U-80MT/DSS	285	258	Approx. 1.2



- External color: Main body, Munsell 0.6B7.6/0.2
- Accessories: FX2NC-100MPCB type power cable
FX2NC-100BPCB type power cable (FX5UC-□MT/D only)

Model	W: mm	MASS (Weight): kg
FX5UC-32MT/D, FX5UC-32MT/DSS	42.1	Approx. 0.2
FX5UC-64MT/D, FX5UC-64MT/DSS	62.2	Approx. 0.3
FX5UC-96MT/D, FX5UC-96MT/DSS	82.3	Approx. 0.35