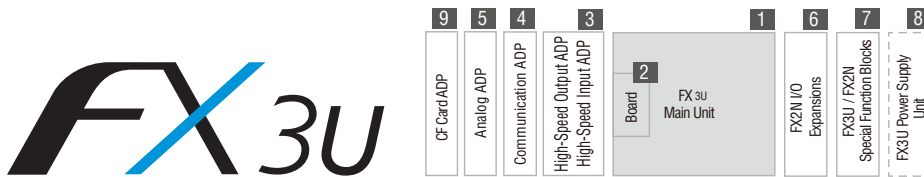
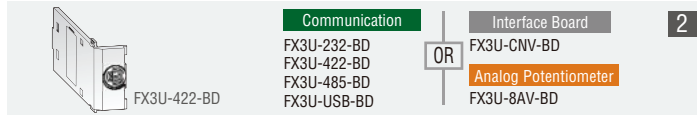


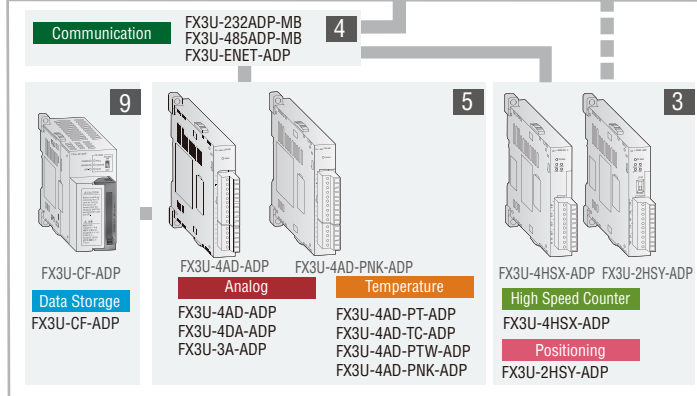
Main Unit Configuration



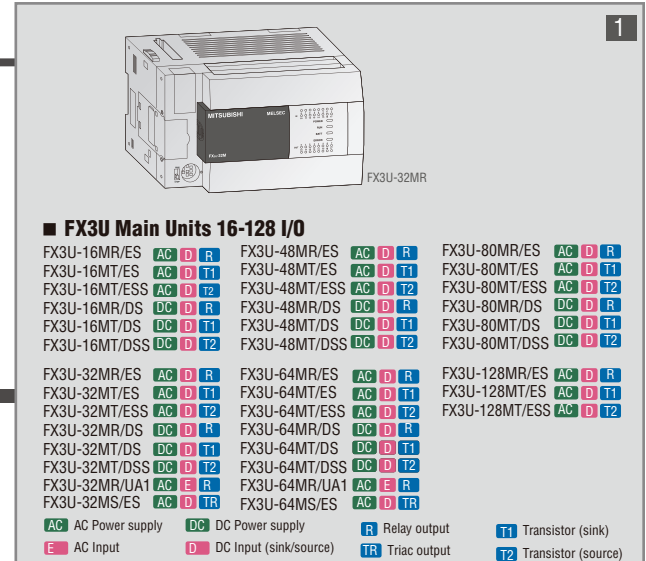
Expansion Boards



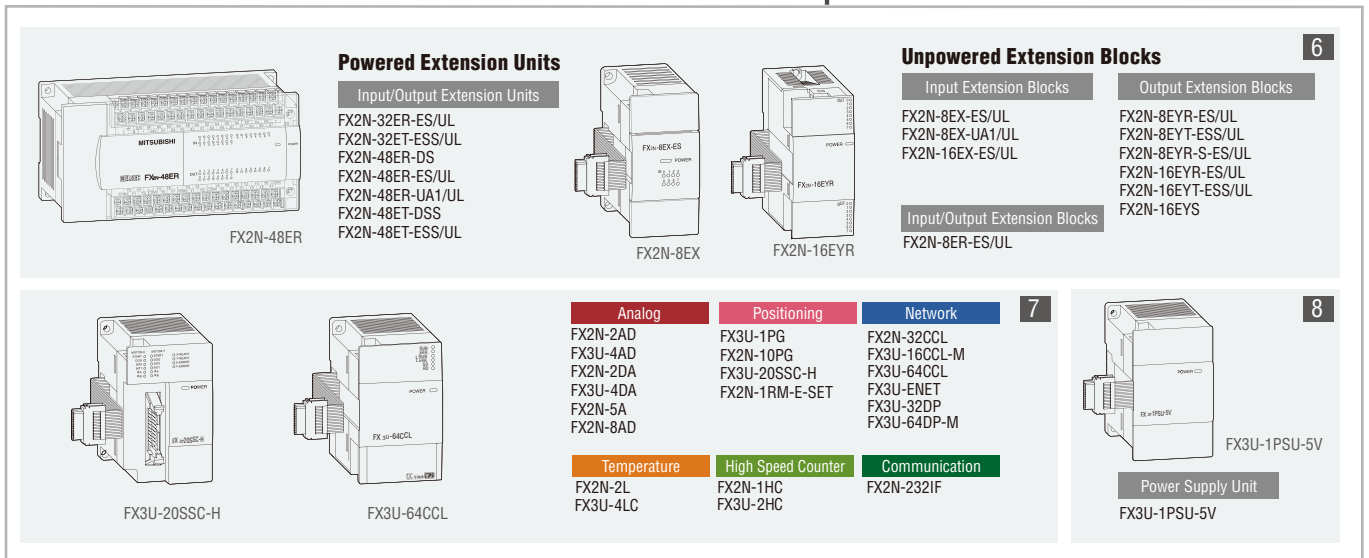
Special Adapters



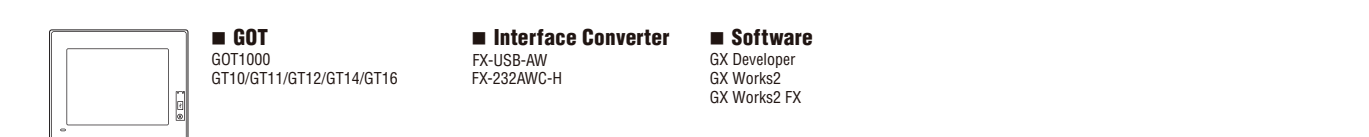
FX3U Main Units



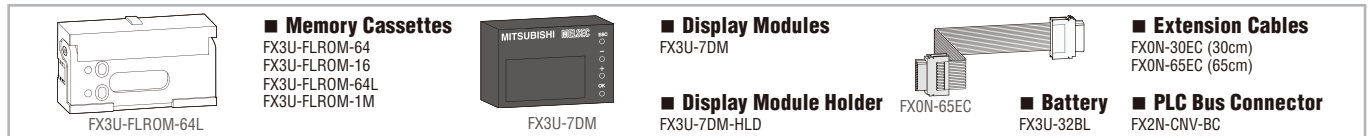
Special Function Modules

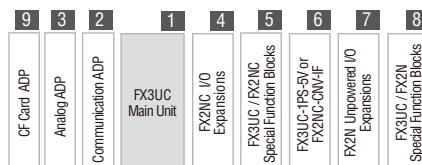


Optional Equipment and Software



Accessories





Special Adapters

FX3U-4AD-ADP

Analog

FX3U-4AD-ADP
FX3U-4DA-ADP
FX3U-3A-ADP

FX3U-4AD-PNK-ADP

Temperature

FX3U-4AD-PT-ADP
FX3U-4AD-TC-ADP
FX3U-4AD-PTW-ADP
FX3U-4AD-PNK-ADP

FX3U-232ADP-MB

Communication

FX3U-232ADP-MB
FX3U-485ADP-MB
FX3U-ENET-ADP

FX3U-485ADP-MB

FX3U-CF-ADP

Data Storage

FX3UC Main Units

FX3UC-64MT/DSS

FX3UC Main Units 16-96 I/O

FX3UC-16MT/D* DC U1 T1
FX3UC-16MT/DSS DC D2 T2
FX3UC-16MR/DS-TDC D2 R

FX3UC-32MT/D* DC D1 T1
FX3UC-32MT/DSS DC D2 T2

FX3UC-64MT/D* DC D1 T1
FX3UC-64MT/DSS DC D2 T2

FX3UC-96MT/D DC U1 T1
FX3UC-96MT/DSS DC D2 T2

DC DC Power supply
D1 DC Input (sink)
D2 DC Input (sink/source)
T1 Transistor Output (sink)
T2 Transistor Output (source)
R Relay

* Refer to the HARDWARE MANUAL for system configuration.

Special Function Modules*

I/O Extension Blocks

Input Extension Blocks

FX2NC-16EX-T-DS
FX2NC-16EX-DS
FX2NC-32EX-DS

Output Extension Blocks

FX2NC-16EYR-T-DS
FX2NC-16EYR-T-SS
FX2NC-32EYR-T-SS

FX2NC-32EX FX2NC-16EYR-T

Power Supply Unit

FX3UC-1PS-5V

Interface Converter

FX2NC-CN-IF

Unpowered Extension Blocks

Input Extension Blocks

FX2N-8EX-ES/UL
FX2N-8EX-UA1/UL
FX2N-16EX-ES/UL

Output Extension Blocks

FX2N-8EYR-ES/UL
FX2N-8EYR-T-ES/UL
FX2N-8EYR-S-ES/UL
FX2N-16EYR-ES/UL
FX2N-16EYR-T-ES/UL
FX2N-16EYS

FX2N-8EX FX2N-16EYR

Input/Output Extension Blocks

FX2N-8ER-ES/UL

Special Function Blocks

Analog

FX3UC-4AD
FX2NC-4DA

High Speed Counter

FX2NC-1HC

FX3UC-4AD

Network

FX2N-32CCL FX3U-32DP
FX3U-16CCL-M FX3U-64DP-M
FX3U-64CCL FX3U-ENET

Temperature

FX2N-2LC FX3U-4LC
FX2N-4AD-TC
FX2N-4AD-PT

High Speed Counter

FX2N-1HC FX3U-2HC

Communication

FX2N-232IF

FX3U-4DA FX2N-2AD FX3U-20SSC-H FX3U-64CCL

Analog

FX2N-2AD FX3U-4DA
FX3U-4AD FX2N-5A
FX2N-2DA FX2N-8AD

Positioning

FX3U-1PG FX2N-1RM-E-SET
FX2N-10PG FX3U-20SSC-H

Optional Equipment and Software

GOT

GOT1000
GT10/GT11/GT12/GT14/GT16

Interface Converter

FX-USB-AW
FX-232AWC-H

Software

GX Developer
GX Works2
GX Works2 FX

Accessories

Memory Cassettes

FX3U-FLROM-64
FX3U-FLROM-16
FX3U-FLROM-64L
FX3U-FLROM-1M

I/O Cables

General I/O cable
FX-16E-500CAB-S (5m)

Connecting to Terminal Block

FX-16E-150CAB (1.5m) FX-16E-150CAB-R (1.5m)
FX-16E-300CAB (3m) FX-16E-300CAB-R (3m)
FX-16E-500CAB (5m) FX-16E-500CAB-R (5m)

Connector Parts

FX2C-I/O-CON
FX2C-I/O-CON-S
FX2C-I/O-CON-SA

Terminal Blocks

FX-16E-TB/UL
FX-16EYR-ES-TB/UL
FX-16EYS-ES-TB/UL
FX-16EYT-ESS-TB/UL
FX-32E-TB/UL

Input Switches

FX2C-16SW-C
FX2C-16SW-TB

Battery

FX3U-32BL

Extension Cables

FX0N-30EC (30cm)
FX0N-65EC (65cm)

PLC Bus Connector

FX2N-CN-BC

Power Supply Cables

FX2NC-100MPCB (1m)
FX2NC-100BPCB (1m)
FX2NC-10BPCB1 (0.1m)

Main Unit Options

FX3U

FX3U Main Units with 16 I/O

Model Number	FX3U-16MR/DS	FX3U-16MR/ES	FX3U-16MT/DSS	FX3U-16MT/DS	FX3U-16MT/ESS	FX3U-16MT/ES
Stocked Item	S	S	S	S	S	S
Certification	UL • cUL • CE (EMC)					
Integrated Inputs/Outputs	16	16	16	16	16	16
Power Supply	24VDC	100-240VAC	24VDC	24VDC	100-240VAC	100-240VAC
Integrated Inputs	8	8	8	8	8	8
Integrated Outputs	8	8	8	8	8	8
Output Type	Relay	Relay	Transistor (Source)	Transistor (Sink)	Transistor (Source)	Transistor (Sink)
Power Consumption (W)	25	30	25	25	30	30
Weight (kg)	0.60	0.60	0.60	0.60	0.60	0.60
Dimensions (W x H x D) mm	130 x 90 x 86	130 x 90 x 86	130 x 90 x 86	130 x 90 x 86	130 x 90 x 86	130 x 90 x 86

FX3U Main Units with 32 I/O

Model Number	FX3U-32MR/DS	FX3U-32MR/ES	FX3U-32MT/DSS	FX3U-32MT/DS	FX3U-32MT/ESS	FX3U-32MT/ES	FX3U-32MR/UA1	FX3U-32MS/ES
Stocked Item	S	S	S	S	S	S	S	S
Certification	UL • cUL • CE (EMC)							
Integrated Inputs/Outputs	32	32	32	32	32	32	32	32
Power Supply	24VDC	100-240VAC	24VDC	24VDC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Integrated Inputs	16	16	16	16	16	16	16	16
Integrated Outputs	16	16	16	16	16	16	16	16
Output Type	Relay	Relay	Transistor (Source)	Transistor (Sink)	Transistor (Source)	Transistor (Sink)	Relay	Triac
Power Consumption (W)	30	35	30	30	35	35	35	35
Weight (kg)	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Dimensions (W x H x D) mm	150 x 90 x 86	150 x 90 x 86	150 x 90 x 86	150 x 90 x 86	150 x 90 x 86	150 x 90 x 86	182 x 90 x 86	150 x 90 x 86

FX3U Main Units with 48 I/O

Model Number	FX3U-48MR/DS	FX3U-48MR/ES	FX3U-48MT/DSS	FX3U-48MT/DS	FX3U-48MT/ESS	FX3U-48MT/ES
Stocked Item	S	S	S	S	S	S
Certification	UL • cUL • CE (EMC)					
Integrated Inputs/Outputs	48	48	48	48	48	48
Power Supply	24VDC	100-240VAC	24VDC	24VDC	100-240VAC	100-240VAC
Integrated Inputs	24	24	24	24	24	24
Integrated Outputs	24	24	24	24	24	24
Output Type	Relay	Relay	Transistor (Source)	Transistor (Sink)	Transistor (Source)	Transistor (Sink)
Power Consumption (W)	35	40	35	35	40	40
Weight (kg)	0.85	0.85	0.85	0.85	0.85	0.85
Dimensions (W x H x D) mm	182 x 90 x 86	182 x 90 x 86	182 x 90 x 86	182 x 90 x 86	182 x 90 x 86	182 x 90 x 86

FX3U Main Units with 64 I/O

Model Number	FX3U-64MR/DS	FX3U-64MR/ES	FX3U-64MT/DSS	FX3U-64MT/DS	FX3U-64MT/ESS	FX3U-64MT/ES	FX3U-64MR/UA1	FX3U-64MS/ES
Stocked Item	S	S	S	S	S	S	S	S
Certification	UL • cUL • CE (EMC)							
Integrated Inputs/Outputs	64	64	64	64	64	64	64	64
Power Supply	24VDC	100-240VAC	24VDC	24VDC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Integrated Inputs	32	32	32	32	32	32	32	32
Integrated Outputs	32	32	32	32	32	32	32	32
Output Type	Relay	Relay	Transistor (Source)	Transistor (Sink)	Transistor (Source)	Transistor (Sink)	Relay	Triac
Power Consumption (W)	40	45	40	40	45	45	45	45
Weight (kg)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Dimensions (W x H x D) mm	220 x 90 x 86	220 x 90 x 86	220 x 90 x 86	220 x 90 x 86	220 x 90 x 86	220 x 90 x 86	285 x 90 x 86	220 x 90 x 86

FX3U Main Units with 80 I/O

Model Number	FX3U-80MR/DS	FX3U-80MR/ES	FX3U-80MT/DSS	FX3U-80MT/DS	FX3U-80MT/ESS	FX3U-80MT/ES
Stocked Item	-	S	-	S	S	S
Certification	UL • cUL • CE (EMC)					
Integrated Inputs/Outputs	80	80	80	80	80	80
Power Supply	24VDC	100-240VAC	24VDC	24VDC	100-240VAC	100-240VAC
Integrated Inputs	40	40	40	40	40	40
Integrated Outputs	40	40	40	40	40	40
Output Type	Relay	Relay	Transistor (Source)	Transistor (Sink)	Transistor (Source)	Transistor (Sink)
Power Consumption (W)	45	50	45	45	50	50
Weight (kg)	1.2	1.2	1.2	1.2	1.2	1.2
Dimensions (W x H x D) mm	285 x 90 x 86	285 x 90 x 86	285 x 90 x 86	285 x 90 x 86	285 x 90 x 86	285 x 90 x 86

FX3U Main Units with 128 I/O

Model Number	FX3U-128MR/ES	FX3U-128MT/ESS	FX3U-128MT/ES
Stocked Item	S	-	-
Certification	UL • cUL • CE (EMC)		
Integrated Inputs/Outputs	128	128	128
Power Supply	100-240VAC	100-240VAC	100-240VAC
Integrated Inputs	64	64	64
Integrated Outputs	64	64	64
Output Type	Relay	Transistor (Source)	Transistor (Sink)
Power Consumption (W)	65	65	65
Weight (kg)	1.8	1.8	1.8
Dimensions (W x H x D) mm	350 x 90 x 86	350 x 90 x 86	350 x 90 x 86

FX3UC

FX3UC Main Units with 16 - 96 I/O

Model Number	FX3UC-16MT/D	FX3UC-16MT/DSS	FX3UC-16MR/DS-T	FX3UC-32MT/D	FX3UC-32MT/DSS	FX3UC-64MT/D	FX3UC-64MT/DSS	FX3UC-96MT/D	FX3UC-96MT/DSS
Stocked Item	-	S	S	-	S	S	-	-	S
Certification	UL • cUL • CE (EMC)							UL • cUL	UL • cUL • CE (EMC)
Integrated Inputs/Outputs	16	16	16	32	32	64	64	96	96
Integrated Inputs	8	8	8	16	16	32	32	48	48
Input Type	Sink	Sink / Source	Sink / Source	Sink	Sink / Source	Sink	Sink / Source	Sink	Sink / Source
Integrated Outputs	8	8	8	16	16	32	32	48	48
Output Type	Transistor (Sink)	Transistor (Source)	Relay	Transistor (Sink)	Transistor (Source)	Transistor (Sink)	Transistor (Source)	Transistor (Sink)	Transistor (Source)
Power Consumption (W)	6	6	6	8	8	11	11	14	14
Weight (kg)	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.35	0.35
Dimensions (W x H x D) mm	34 x 90 x 74	34 x 90 x 74	34 x 90 x 74	34 x 90 x 74	34 x 90 x 74	59.7 x 90 x 74	59.7 x 90 x 74	85.4 x 90 x 74	85.4 x 90 x 74