

PLC Programmable Controls: FPX Part Numbers

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Part numbers for FPX appear below.

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Control Units

Model Name	Power	Pulse Outputs	Modbus Rtu	Dc Inputs	Npn Outputs	Pnp Outputs	Relay Outputs	Program Size (K)
AFPX-C14P	AC100-240V	3 Axis	Yes	8		6		12
AFPX-C14PD	24VDC	3 Axis	Yes	8		6		12
AFPX-C14R	AC100-240V	No	Yes	8			6	12
AFPX-C14T	AC100-240V	3 Axis	Yes	8	6			12
AFPX-C14TD	24VDC	3 Axis	Yes	8	6			12
AFPX-C30P	AC100-240V	4 Axis	Yes	16		14		32
AFPX-C30PD	24VDC	4 Axis	Yes	16		14		32
AFPX-C30R	AC100-240V	No	Yes	16			14	32
AFPX-C30T	AC100-240V	4 Axis	Yes	16	16			32
AFPX-C30TD	24VDC	4 Axis	Yes	16	16			32
AFPX-C60P	AC100-240V	4 Axis	Yes	32		28		32
AFPX-C60PD	24VDC	4 Axis	Yes	32		28		32
AFPX-C60R	AC100-240V	No	Yes	32			28	32
AFPX-C60T	AC100-240V	4 Axis	Yes	32	28			32
AFPX-C60TD	24VDC	4 Axis	Yes	32	28			32

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Digital Cassettes

Model Name	Analog Types	Dc Inputs	Npn Outputs	Pnp Outputs	Relay Outputs	Analog Inputs
AFPX-IN8	n/a	8				
AFPX-TR8	n/a		8			

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Digital Expansions

Model Name	Dc Inputs	Npn Outputs	Pnp Outputs	Relay Outputs
AFPX-E16P	8		8	
AFPX-E16R	8			8
AFPX-E16T	8	8		
AFPX-E30P	16		14	
AFPX-E30PD	16		14	
AFPX-E30R	16			14
AFPX-E30T	16	14		
AFPX-E30TD	16	14		
AFPX-EFP0				
FP0-E16P-A	8		8	
FP0-E16RS-A	8			8
FP0-E16RST27	8			8
FP0-E16T-A	8	8		
FP0-E16X-A	16			
FP0-E16YP-A			16	
FP0-E16YT-A		16		
FP0-E32P-A	16		16	
FP0-E32T-A	16	16		
FP0-E8RS-A	4			4
FP0-E8X-A	8			
FP0-E8YP-A			8	
FP0-E8YRS-A				8
FP0-E8YT-A		8		

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Motion Expansions

Model Name	Num. Of Axes	Output Type	Max. Pulse Output	Linear Interpolation	Circular Interpolation	Spiral Interpolation	Pulse Inputs	Max. Pulse Inputs (Kpps)
AFPX-PLS	2 input, 1 Output	NPN	100Kpps	Yes	No	No	2	70

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Communication/Network Cassettes

Model Name	Ethernet	Rs232	Rs485/422	Max. Baudrate (K)
AFPX-COM1	No	Yes	No	115
AFPX-COM2	No	Yes	No	115
AFPX-COM3	No	No	Yes	115
AFPX-COM4	No	Yes	Yes	115
AFPX-COM5	Yes	Yes	No	115
AFPX-COM6	No	No	Yes	115

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Communication Expansions

Model Name	Ethernet	Modbus	Profibus	Remote I/O
FP0-DPS2	NO	NO	Slave	NO
FP0-IOL	NO	NO	NO	YES
FPWEB2	YES	Modbus TCP	NO	NO

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Memory Units And Rtc

Model Name	Real Time Clock	Memory Size (K)
AFPX-MRTC	Yes	512

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Analog and Thermocouple Cassettes

Model Name	Thermocouple	Rtd	Voltage Input	Voltage Output	Current Input	Current Output	Inputs	Outputs
AFPX-A21	No	No	0 to 10V	0 to 10V	0 to 20 mA	0 to 20 mA	2	1
AFPX-AD2	No	No	0 to 10V	No	0 to 20 mA	No	2	
AFPX-DA2	No	No	No	0 to 10V	No	0 to 20 mA		2
AFPX-RTD2	PT100	Yes	No	No	No	No	2	
AFPX-TC2	JK type	No	No	No	No	No	2	

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Analog Expansions

Model Name	Thermocouple	Rtd	Voltage Input	Current Input	Current Output	Inputs	Outputs
FP0-A04I	NO	NO	NO	NO	0-20 mA		4
FP0-A04V	NO	NO	NO	NO	NO		4
FP0-A21	J, K, and T Type	NO	0 to 5 V, -10 to +10 V	0 to 20 mA	0 to 20 mA	2	1
FP0-A21T26	NO	NO	0 to 5 V	0 to 20 mA	NO	2	
FP0-A80	NO	NO	0 to 5 V, -10 to +10 V, -100 to +100mV	0 to 20 mA	NO	8	
FP0-RTD6	NO	PT100, PT100, Ni1000, Resistor	NO	NO	NO	6	
FP0-TC4	J, K, T and R Type	NO	NO	NO	NO	4	
FP0-TC8	J, K, T and R Type	NO	NO	NO	NO	8	

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Accessories

Model Name	Description
AFIC1520M-US9	3m GT-Series Programming Cable for GT01/GT01R(5v24v) / GT11/ GT21/ GT30.
AFPX-BATT	Backup battery for Data retention (battery also supports AFPX-MRTC for realtime clock)
AFPX-EC08	8 cm Expansion cable for FPX (1pc)
AFPX-EC30	30cm Expansion cable for FPX (1pc)
AFPX-EC80	80cm Expansion cable for FPX (1pc)
AFPX-TAN1	FP-X Terminal Blocks for C30R, C60R, & E30R (4PCS)
AYT1505-US	FLAT CABLE W/ 2x10PINS AND 1x20PIN 50CM
AYT1510-US	FLAT CABLE W/ 2x10PINS AND 1x20PIN 1M
FP-PS24-050E	2.1A POWER SUPPLY
FP0-PSA2	FP0 Power supply 24VDC, 0.7A, UL/CSA/CE removable terminal
FP0-PSA4	FP0 0.7A Power Supply 85-264VAC TO 24VDC, CE

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Manuals And Software

Model Name	Description
AFP8671	FP PROGRAM LOADER (Keeps Retentive Memory)
AFW10031	PCWAY SOFTWARE WITH USB KEY AND MANUAL
AFW1033	USB KEY FOR PCWAY
AFW20031	CommX (ActiveX)/WIA USB KEY
FPWEBTOOL2D	FP Web Version 2 Configurator Software - Replaces FPWEBTOOLD
FPWINGRF-EN2	PLC Programming Software Full - Supports all FP Series controllers
FPWINGRS-EN2	PLC Programming Software Small - Supports FP0/FP1/FPM/FP Sigma/FPX/FPe/FP Impulse Controller
FPWINPRO6-FULL	FPWINPRO VER 6.0 - FULL VERSION
FPWINPRO6-SMALL	FPWINPRO VER 6.0 - SMALL VERSION
FPWINPROF6-UPGRADE	FPWINPRO VER 6.0 - FULL VERSION UPGRADE
FPWINPROS6-UPGRADE	FPWINPRO VER 6.0 - SMALL VERSION UPGRADE
XACG-M0130V	FPWINPRO Programming Manual for FP0/FP1/FPM
XACG-M0131V	FPWINPRO Programming Manual for FP2/FP2SH/FP3/FP10SH
XACG-M0132V	FPWINPRO Programming Manual for FPSigma
XACG-M0151	FPWEB Manual
XACG-M299E	PCWAY USER MANUAL

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