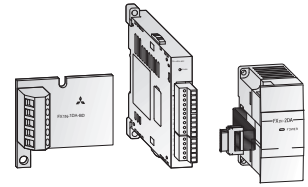


# FX Output Options

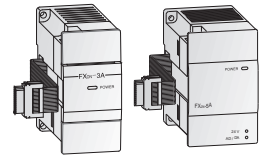


## Analog Output

Analog output modules provide up to 4 analog outputs that are used to convert digital values in the PLC to voltage or current signals.

Model Number	FX1N-1DA-BD	FX3G-1DA-DB	FX3U-4DA-ADP	FX3U-4DA	FX2N-2DA	FX2N-4DA	FX2NC-4DA	
Stocked Item	S	S	S	S	S	S	S	
Rating	CE		UL • cUL • EC (EMC)					
Power Supply	5 VDC (from main unit)	5 VDC (from main unit)	5 VDC / 15 mA (from main unit) 24 VDC / 150 mA	5 VDC / 120 mA (from main unit) 24 VDC / 160 mA	5 VDC / 30 mA (from main unit) 24 VDC / 85 mA (from main unit)	5 VDC / 30 mA (from main unit) 24 VDC / 200 mA	5 VDC / 30 mA (from main unit) 24 VDC / 130 mA	
Analog Channels (Output)	1	1	4	4	2	4	4	
Analog Output Range	0 to 10 VDC / 4 to 20 mA DC	0 to 10 VDC / 4 to 20 mA DC	0 to 10 VDC / 4 to 20 mA DC	-10 to 10 VDC / 0 to 20 mA / 4 to 20 mA DC	0 to 10 VDC / 0 to 5 VDC / 4 to 20 mA DC	0 to 10 VDC / 0 to 20 mA DC / 4 to 20 mA DC	-10 to 10 VDC / 0 to 20 mA DC / 4 to 20 mA DC	
Resolution	Voltage	2.5 mV (12 bit)	2.5 mV (12 bit)	2.5 mV (12 bit)	0.32 mV (15 bit + sign)	2.5 mV (14 bit)	5 mV (11 bit + sign)	5 mV (11 bit + sign)
	Current	8 μA (11 bit)	8 μA (11 bit)	4 μA (12 bit)	0.63 μA (15 bit)	4 μA (12 bit)	20 μA (10 bit + sign)	20 μA (10 bit + sign)
Overall Accuracy for Fullscale	±1%	±1%	±5% - 1%*	±0.3% - 0.5%*	± 1%*	± 1%*	±0.5% - 1%*	
Related I/O Points	0	0	0	8	8	8	8	
Weight (kg)	0.02	0.02	0.1	0.2	0.2	0.3	0.13	
Dimensions (W x H x D) mm	43 x 38.5 x 22	35 x 51 x 29.2	17.6 x 90 x 89.5	55 x 90 x 87	43 x 90 x 87	55 x 90 x 87	24.2 x 90 x 89	
Applicable PLCs	FX1S / FX1N	FX3G	FX3U / FX3UC / FX3G		FX3U / FX3UC / FX3G / FX1N		FX3UC	

Note: Dependent on the ambient temperature.



## Combination Analog Input / Output Modules

Combination analog input / output modules are used for both digital to analog and analog to digital conversion.

Model Number	FX0N-3A		FX2N-5A	
Stocked Item	S		S	
Rating	CE (EMC)		UL • cUL • EC (EMC)	
Power Supply	5 VDC / 30 mA (from main unit) 24 VDC / 90 mA (from main unit)		5 VDC / 70 mA (from main unit) 24 VDC / 90 mA	
Analog Channels	Input	2	4	
	Output	1	1	
Analog Input Range (Resolution)	Voltage	0 to 10 VDC (8 bit); 0 to 5 VDC (8 bit)	-10 to 10 V (15 bit + sign) -100 to 100 mV (11 bit + sign)	
	Current	4 to 20 mA DC (8 bit)	-20 to 20 mVDC (14 bit + sign) 4 to 20 mA DC (14 bit)	
Analog Output Range (Resolution)	Voltage	0 to 10 VDC (8 bit); 0 to 5 VDC (8 bit)	-10 to 10 VDC (12 bit)	
	Current	4 to 20 mA DC (8 bit)	0/4 to 20 mA DC (10 bit)	
Overall Accuracy for Fullscale	±1%		±0.3 - 1%*	
Related I/O Points	8		8	
Weight (kg)	0.2		0.3	
Dimensions (W x H x D) (mm)	43 x 90 x 87		55 x 90 x 87	
Applicable PLCs	FX3U / FX3UC / FX1N		FX3U / FX3UC / FX3G / FX1N	

Note: When attaching the FX0N-3A or FX2N-5A analog modules to an FX3UC main unit, the FX2NC-CNV-IF interface adapter or the FX3UC-1PS-5V power supply unit is required.