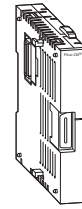


FX Interfaces and Power Supplies

Interface Boards and Modules

The FX Series interface boards enable connection of special adapters to the left side of the associated FX main unit. The FX2NC-CNV-IF interface adapter allows FX3UC main units to connect with the standard FX0N / FX2N / FX3U right side expansion bus.

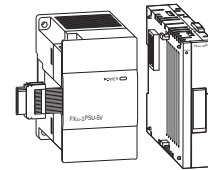
Model Number	FX3G-CNV-BD	FX3U-CNV-BD	FX1N-CNV-BD	FX2NC-CNV-IF
Stocked Item	S	S	S	S
Rating	CE			
Applicable Main Units	FX3G	FX3U	FX1S / FX1N	FX3UC
Weight	0.1	0.01	0.01	0.3
Dimensions W x H x D (mm)	14.6 x 90 x 74	19.6 x 46.1 x 53.5	43 x 38 x 14	90 x 14.6 x 74



Power Supply Modules

The FX Series power supply units are used to add power onto the 5V and 24V expansion buses when the built-in service power supplies are not sufficient.

Model Number	FX3U-1PSU-5V		FX3UC-1PS-5V
Stocked Item	S		—
Rating	UL • cUL • CE		UL • cUL • CE (EMC)
Input Voltage	100 – 240 VAC		24 VDC +20% - 15%
Input Frequency	50 / 60 Hz		—
Inrush Current	30 A max. 5 ms or less / 100 VAC 65 A max 5 ms or less / 200 VAC		30 A max. 0.5 ms / 24 VDC
Power Consumption	20 VA max.		25 W max.
Output Current (Internal for Supply)	24 VDC	0.3 A	—
	5 VDC	1 A	1 A
Holding Time	10 ms / 100 VAC		5 ms
Weight (kg)	0.3		0.15
Dimensions W x H x D (mm)	55 x 90 x 87		24.2 x 90 x 74
Applicable PLCs	FX3U		FX3UC



Power Supply Unit

The FX2N-20PSU 24VDC power supply unit is meant to provide a 24VDC power supply for DC powered FX main units, FX special function modules, sensors connected to the FX main units, etc.

Model Number	FX2N-20PSU
Stocked Item	S
Rating	UL • cUL • CE
Ambient Temperature	0 – 55°C (-20 – 70°C storage temperature)
Ambient Relative Humidity (Non-Condensing)	35 – 85% (35 – 90% storage humidity)
Input Voltage	100 – 240 VAC
Input Frequency	50/60 Hz
Fuse Rating	3.15 A (built-in)
Rush Current	60A / 200 VAC max.
Output Power	24 DC ±10% / 2 A minimum; 0.2 A minimum
Ripple Noise	500 mVp-p or less
Holding Time	10 ms / 100 VAC
Protection Against Overcurrent	Actuated when current becomes 110 – 160% or more, automatic recovery when voltage drop occurs
Protection Against OverVoltage	Actuated when current becomes 110 – 140% or more, output shutdown, no automatic recovery (diode clamp)
Weight (kg)	0.3
Dimensions W x H x D (mm)	60 x 98 x 75
Applicable PLCs	FX1S / FX1N / FX3U / FX3UC

