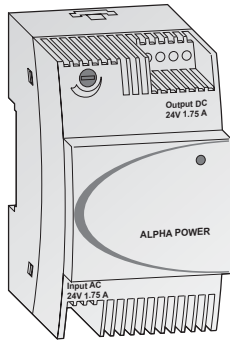


■ 24 V Power Supply Unit

☑ ALPHA ☑ FX1s ☑ FX1N ☑ FX3G ☑ FX3U ☑ FX3UC



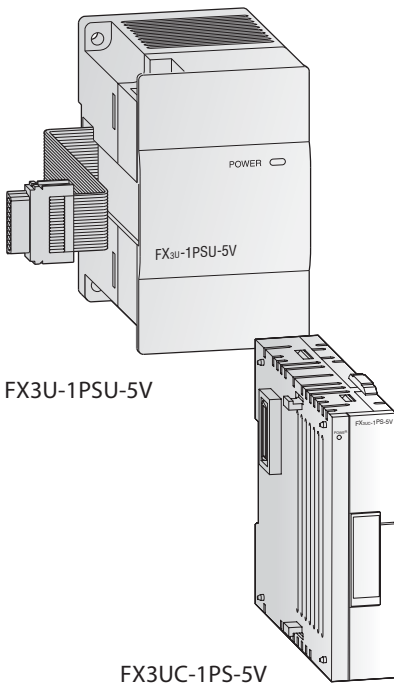
The ALPHA-POWER units are a convenient power supply for 24 V units and other external devices. They come with mounting system for wall or DIN rail mounting and their dimensions are matched to those of the ALPHA family.

Up to 5 power supply units can be installed together for redundant mode operation or connected in parallel for more power. The units have an integrated thermal overload protection circuit and a POWER LED. The output voltage is adjustable.

Specifications	ALPHA POWER 24-0.75	ALPHA POWER 24-1.75	ALPHA POWER 24-2.5
Application	Power supply for 24 V DC Alpha base units		
General specifications	Conforms to FX family and ALPHA base units		
Nominal input voltage	100–240 V (45–65 Hz)		
Output voltage	24 V DC (+/-1 %)		
Nominal output current	0.75 A (at T=55 °C)	1.75 A (at T=55 °C)	2.5 A (at T=55 °C)
Max. output current	1.4 A	3.75 A	4.4 A
Ambient temperature	-25–+55 °C (operation), -40–+85 °C (storage)		
Ambient humidity	Max. 95 % (no condensation)		
Weight	kg 0.1	0.2	0.3
Dimensions (WxHxD)	mm 36x90x61	54x90x61	72x90x61
Order information	Art. no. 209029	209030	209031

■ 5 V Power Supply Unit

☐ FX1s ☐ FX1N ☐ FX3G ☑ FX3U ☑ FX3UC



The power supply modules FX3U-1PSU-5V and FX3UC-1PS-5V are used to reinforce the build-in 5 V DC and 24 V DC power supply of a FX3G/FX3U/FX3UC main unit. They do not occupy any I/O points and deliver up to 1 A more current for the 5 V system bus (for special function modules).

Up to two FX3U-1PSU-5V or FX3UC-1PS-5V modules can be used. Both modules have an integrated overload protection available.

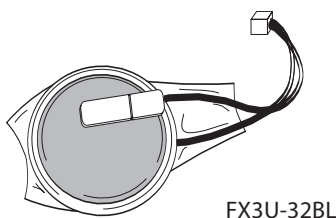
Note: The FX3U-1PSU-5V can't be used with a 24 V base unit!

When connecting an input extension module (incl. FX2N-8ER-ES/UL, FX2N-8ER) to the FX3U-1PSU-5V, supply the power for it from the 24 V DC service power supply of the connected main unit or powered extension unit on the upstream side.

Specifications	FX3U-1PSU-5V	FX3UC-1PS-5V
Application	Power supply for the FX3G/FX3U system bus	Power supply for the FX3UC system bus
General specifications	Conforms to FX family base units	
Nominal input voltage	100–240 V (50/60 Hz)	
Output voltage	5 V DC/24 V DC	5 V DC
Max. output current	5 V DC: 1 A at 40 °C; 0.8 A at 55 °C 24 V DC: 0.3 A at 40 °C; 0.2 A at 55 °C	1 A
Ambient temperature	-25–+55 °C (operation), -40–+85 °C (storage)	
Ambient humidity	Max. 95 % (no condensation)	
Weight	kg 0.3	0.15
Dimensions (WxHxD)	mm 55x90x87	24x90x74
Order information	Art. no. 169507	210086

■ Backup Batteries

☐ FX1s ☐ FX1N ☑ FX3G ☑ FX3U ☑ FX3UC



Batteries

The battery buffers the internal RAM of the MELSEC PLC in the event of a voltage failure.

The battery FX2NC-32BL is suitable for the positioning modules FX2N-20GM.

The battery FX3U-32BL can be used for all base units of the MELSEC FX3G/FX3U/FX3UC series.

Specifications	FX2NC-32BL	FX3U-32BL
Applicable for	FX2N-20GM module	Base unit FX3U
Order information	Art. no. 128725	165286