

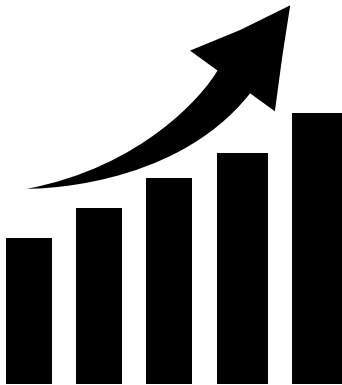
Advanced Controller

FX3U & FX3UC

PRODUCT FLYER



The Mitsubishi Electric FX3U is a highly functional controller. It provides high efficiency with more speed, ample memory capacity and new functions. A simplified design concept, high speed processing and positioning and full expansion capability, make the FX3U a high performance micro controller. FX3UC complements the range with ultra-compact dimensions design for space saving.



Large I/O Capacity

FX3U can support systems with combined local and networking I/O up to a total of 384 points. Allowing increased control systems and more possibilities for advanced network.



Quick Program Response

Basic instructions are processed in 0.065µsec. This means quick program response and more accurate process performance. Inputs/outputs and actions are processed and monitored more times per second.



Ultra Compact Option

FX3UC is the ideal choice for applications where there is not much space for the controller hardware. The slimmest base unit takes up just 27% of the space required with the standard unit.

*Refer to the catalogue for further details.

Features

- » User-friendly software GX Works 2 FX
- » Large I/O capacity
- » New expansion bus on the left
- » Positioning control
- » Real-time clock
- » Serial interface
- » Special function models
- » Expandable with digital I/O
- » Slot for memory cassettes

SPECIFICATIONS

FX3U - Base Units with 16-32 I/Os								
Specifications	FX3U-16 MR/DS	FX3U-16 MR/ES	FX3U-16 MT/DSS	FX3U-16 MT/ESS	FX3U-32 MR/DS	FX3U-32 MR/ES	FX3U-32 MT/DSS	FX3U-32 MT/ESS
Integrated inputs/outputs	16				32			
Power supply	24 V DC	100 - 240 V AC	24 V DC	100 - 240 V AC	24 V DC	100 - 240 V AC	24 V DC	100 - 240 V AC
Integrated inputs	8				16			
Integrated outputs	8				16			
Output type	Relay		Transistor (source)*		Relay		Transistor (source)*	
Power consumption	25 W	30 VA	25 W	30 VA	30 W	35 VA	30 W	35 VA
Weight	kg 0.6				0.65			
Dimensions (WxHxD)	mm 130 x 90 x 86				150 x 90 x 86			

FX3U - Base Units with 48-64 I/Os								
Specifications	FX3U-48 MR/DS	FX3U-48 MR/ES	FX3U-48 MT/DSS	FX3U-48 MT/ESS	FX3U-64 MR/DS	FX3U-64 MR/ES	FX3U-64 MT/DSS	FX3U-64 MT/ESS
Integrated inputs/outputs	48				64			
Power supply	24 V DC	100 - 240 V AC	24 V DC	100 - 240 V AC	24 V DC	100 - 240 V AC	24 V DC	100 - 240 V AC
Integrated inputs	24				32			
Integrated outputs	24				32			
Output type	Relay		Transistor (source)*		Relay		Transistor (source)*	
Power consumption	35 W	40 VA	35 W	40 VA	40 W	45 VA	40 W	45 VA
Weight	kg 0.85				1.0			
Dimensions (WxHxD)	mm 182 x 90 x 86				220 x 90 x 86			

FX3U - Base Units with 80-128 I/Os						
Specifications	FX3U-80 MR/DS	FX3U-80 MR/ES	FX3U-80 MT/DSS	FX3U-80 MT/ESS	FX3U-128 MR/ES	FX3U-128 MT/ESS
Integrated inputs/outputs	80				128	
Power supply	24 V DC					
Integrated inputs	40				64	
Integrated outputs	40				64	
Output type	Relay		Transistor (source)*		Relay	Transistor (source)*
Power consumption	45 W	50 VA	45 W	50 VA	65 VA	
Weight	kg 1.2				1.8	
Dimensions (WxHxD)	mm 285 x 90 x 86				350 x 90 x 86	

Notes:

Special versions are available on request.

*Sink type transistor output units on request.

For FX3UC ultra compact option refer to the catalogue.

Catalogue

https://bit.ly/iQ-F_Series

e-Learning

<https://www.mitsubishielectric.com/fa/assist/e-learning/eng.html>

For further information contact



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