

Compact Controller

FX3S

PRODUCT FLYER



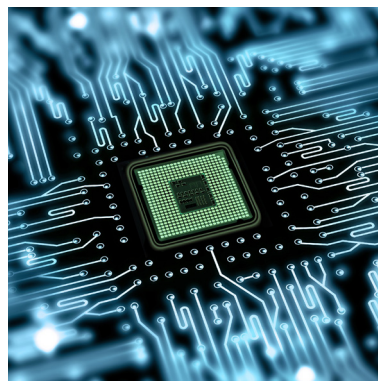
FX3S

The Mitsubishi Electric FX3S is a compact micro controller designed for simple applications, supported by a strong communications capability. FX3S is especially suited for food and beverage, fan and pump, materials handling and building automation applications. Flexible and expandable the FX3S allows users to choose only the necessary function for a specific application.



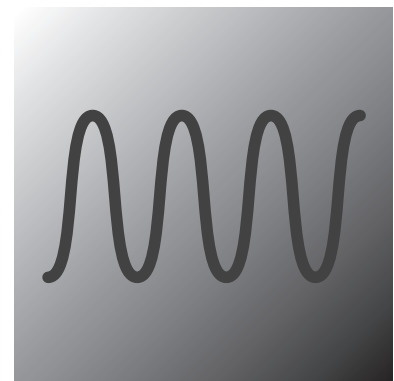
Expandable Communications

The FX3S can use different communication, expansion boards and special adaptors, providing RS232, RS485, RS422 and Ethernet options.



Ample Program Capacity

PLC programs are stored in a built-in maintenance free EEPROM memory, that can store up to 16,000 steps. So there is no need for a backup battery to protect against power failures.



Analog Value Processing

The FX3GE supports standard serial communications as well as Ethernet interface. Furthermore, networks used in the automation industry are available such as, CC-Link and Profibus DP. PC can be connected using the USB port enabling programs to be transmitted and monitored at high speed.

Features

- » User-friendly software GX Works 2 FX
- » Positioning control
- » Up to 30 I/O base configuration
- » Real-time clock
- » 2 integrated analog inputs *special model
- » Integrated serial interface
- » Integrated power supply AC/DC
- » Ample memory capacity

SPECIFICATIONS

Base Units with 10-14 I/Os									
Specifications	FX3S-10 MR/ES	FX3S-10 MR/DS	FX3S-10 MT/ESS	FX3S-10 MT/DSS	FX3S-14 MR/ES	FX3S-14 MR/DS	FX3S-14 MT/ESS	FX3S-14 MT/DSS	
Integrated inputs/outputs	10				14				
Power supply	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	24 V DC	
Integrated inputs	6				8				
Integrated outputs	4				6				
Output type	Relay		Transistor (source)*		Relay		Transistor (source)*		
Power consumption	W	19	6	19	6	19	6.5	19	6.5
Weight	kg	0.30							
Dimensions (WxHxD)	mm	60 x 90 x 75	60 x 90 x 49	60 x 90 x 75	60 x 90 x 49	60 x 90 x 75	60 x 90 x 49	60 x 90 x 75	60 x 90 x 49

Base Units with 20 I/Os				
Specifications	FX3S-20 MR/ES	FX3S-20 MR/DS	FX3S-20 MT/ESS	FX3S-20 MT/DSS
Integrated inputs/outputs	20			
Power supply	100 - 240 V AC	24 V DC	100 - 240 V AC	24 V DC
Integrated inputs	12			
Integrated outputs	8			
Output type	Relay		Transistor (source)*	
Power consumption	W	20	7	20
Weight	kg	0.40		
Dimensions (WxHxD)	mm	75 x 90 x 75	75 x 90 x 49	75 x 90 x 75

Base Units with 30 I/Os						
Specifications	FX3S-30 MR/ES	FX3S-30 MR/DS	FX3S-30 MR/ES-2AD	FX3S-30 MT/ESS	FX3S-30 MT/ESS-2AD	FX3S-30 MT/DSS
Integrated inputs/outputs	30					
Power supply	100 - 240 V AC	24 V DC	100 - 240 V AC			24 V DC
Integrated inputs	16					
Integrated analog inputs	-	-	2	-	2	-
Integrated outputs	14					
Output type	Relay			Transistor (source)*		
Power consumption	W	21	8.5	21		8.5
Weight	kg	0.45				
Dimensions (WxHxD)	mm	100 x 90 x 75	100 x 90 x 49	100 x 90 x 75		100 x 90 x 49

Notes:

*Sink type transistor output units on request.

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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