

Specifications		FX3S-10M_	FX3S-14M_	FX3S-20M_	FX3S-30M_	FX3S-30M_-2AD	
I/O points		Max. 30					
Address range		X0–X17/Y0–Y15 (octal)					
Power supply		100–240 V AC, 50/60 Hz or 24 V DC			100–240 V AC		
Program memory		16,000 steps EEPROM (internal), exchangeable EEPROM memory cassette; program capacity is limited to 4,000 steps					
Instruction Time		0.21 μ s/basic instruction					
Integrated inputs	Number of inputs	6	8	12	16		
	Input signal voltage	24 V DC (\pm 10 %)					
	Input form	sink/source					
	Response time	Approx. 10 ms					
	Isolation	Photocoupler isolation					
Integrated outputs	Number of outputs	4	6	8	14		
	Switching voltage	<240 V AC, <30 V DC (relay output), 5–30 V DC (transistor output)					
	Output type/form	Relay or transistor					
	Max. load	resistive	2 A/point, max. 8 A for 4 output points/common terminal (relay), 0.5 A/point; max. 0.8 A for 4 output points/common terminal (transistor)				
		inductive	80 VA (relay), 12 W/point (at 24 V DC); max. 19.2 W for 4 output points/common terminal (transistor)				
	Response time	10 ms (relay), <5 μ s (for Y000 and Y001)/ 0.2 ms (for all other outputs) (transistor)					
Isolation	Photocoupler isolation						
High-speed counters		21 total, with 16 1-phase (C235–C250) and 5 2-phase (C251–C255)					
Counting range		-2,147,483,648–2,147,483,647					
Service power supply		24 V DC, 400 mA					
Environment		0–55 °C ambient temperature; 5–95 % relative humidity					