

Remote Inputs / Outputs Module

RIO40SE Series

EtherCAT 



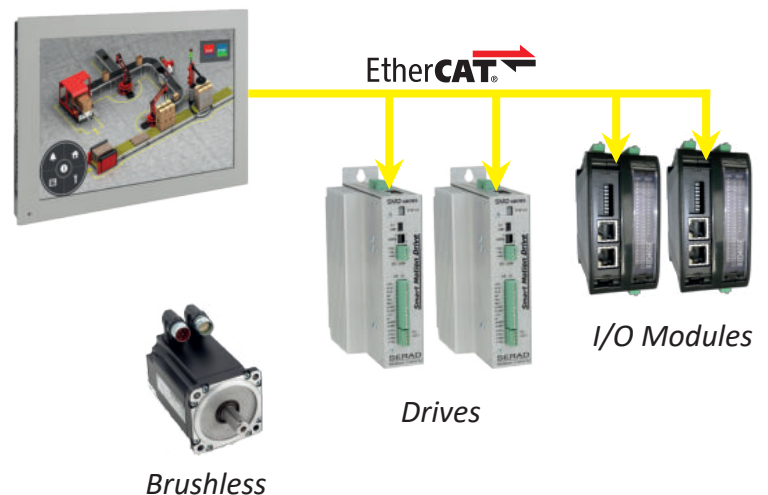
FEATURES

- ➔ 24 inputs / 16 outputs (digital)
- ➔ 4 inputs / 3 outputs (analog)
- ➔ EtherCAT communication
- ➔ Removable spring-cage connectors
- ➔ DIN rail mounting
- ➔ RJ45 network connection
- ➔ Diagnostic LED
- ➔ Configuration by DIP switches

APPLICATION

ADVANTAGES

- ➔ Ultra-compact case
- ➔ Quick wiring
- ➔ Easy setup



Features

Power supply	24 V DC \pm 10%, 150 mA typical			
Digital inputs	24 inputs PNP 24 V DC, 10 mA per input Reaction time 100 μ s max			
Digital outputs	16 outputs Static PNP 24 V DC, 500 mA per output Inrush current 1.4 A max. Short circuit protection, fault reported to CPU			
Analog inputs		+/- 10 V	0-10 V	0-20mA
	Number	1	1	2
	Differential	Yes	No	Yes (Potential max 24V)
	Max. range	-12V...+12V	-2V...+12V	-100mA...+100mA
	Impedance	400 Kohm	200 Kohm	150 ohm
	Resolution	12 bits		
	Accuracy	+/- 50mV	+/- 50mV	+/- 100 μ A
Analog Outputs		+/- 10 V	0-10 V	0-20mA
	Number	1	1	1
	Differential	No	No	Passive / Active mode
	Max. current	30 mA*	30 mA*	Limited to 27 mA
	Impedance	NA	NA	Load 500 ohm max
	Resolution	12 bits		
	Accuracy	+/- 100mV	+/- 50mV	+/- 100 μ A
*50mA max for all analog outputs together.				
Communication	EtherCAT CoE DS 301 - DS 401 8 bit node number addressing			
Diagnostic	2 status leds			
Temperatures	Operating : 0 to 45 °C Storage : -10 to +70 °C			
Protection class	IP20			
Size l x h x w	47 x 100 x 120 mm			
Weight	0,2 kg			