

PIO32

Description

Digital Output	PIO-32I/O	PIO-32IN	PIO-32OUT
CHANNELS	16	0	32
CONTACT TYPE	Rhodium plated (Form A, normally open contacts)	N/A	Rhodium plated (Form A, normally open contacts)
CONTACT RATING	10W at 0.75 A or 30V rms, 42.4V peak, or 60VDC maximum (resistive)	N/A	10W at 0.75A or 30V rms, 42.4V peak, or 60VDC maximum (resistive)
CONTACT RESISTANCE	100mΩ (maximum, initial)	N/A	100mΩ (maximum, initial)
CONTACT LIFE	10 ⁷ operations at rated load; 10 ⁹ at low level	N/A	10 ⁷ operations at rated load; 10 ⁹ at low level
OPERATION TIME	1.0ms	N/A	1.0ms
RELEASE TIME	1.0ms	N/A	1.0ms

Digital Input	PIO-32I/O	PIO-32IN	PIO-32OUT
CHANNELS	16	32	0
TYPE	Optoisolator	Optoisolator	N/A
INPUT RESISTOR	2.0kΩ, 1/2 W	2.0kΩ, 1/2 W	N/A
INPUT HIGH (min.)	3.5VDC, 1.25mA	3.5VDC, 1.25mA	N/A
INPUT HIGH (max.)	28VDC, 15mA	28VDC, 15mA	N/A
INPUT LOW	0.8VDC or open	0.8VDC or open	N/A
RESPONSE FREQUENCY	<3.0kHz	<3.0kHz	N/A

GENERAL

POWER	PIO-32I/O	PIO-32IN	PIO-32OUT
CONSUMPTION +5 VDC (typical)	0.8 A + 22 mA per active relay (max.)	0.5 A	1.0 A + 22 mA per active relay (max.)
ENVIRONMENT	PIO-32I/O	PIO-32IN	PIO-32OUT
Operating Temperature	0°C to 50°C	0°C to 50°C	0°C to 50°C
Storage Temperature	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C
Humidity	0 to 90% noncondensing	0 to 90% noncondensing	0 to 90% noncondensing
MECHANICAL	PIO-32I/O	PIO-32IN	PIO-32OUT
Length	13.3" (Full slot)	9.0"	13.3" (Full slot)
Height	4.25"	4.25"	4.25"
Depth	0.75"	0.75"	0.75"
Weight	10 oz.	6 oz.	12 oz.
BOARD CONNECTOR			
TYPE	2 × 40-pin ribbon 3M #2540- 6002UG	2 × 40-pin ribbon 3M #2540- 6002UG	2 × 40-pin ribbon 3M #2540- 6002UG
BOARD CONNECTOR			
MATE	2 × 40-pin ribbon 3M #3417-7000	2 × 40-pin ribbon 3M #3417-7000	2 × 40-pin ribbon 3M #3417-7000