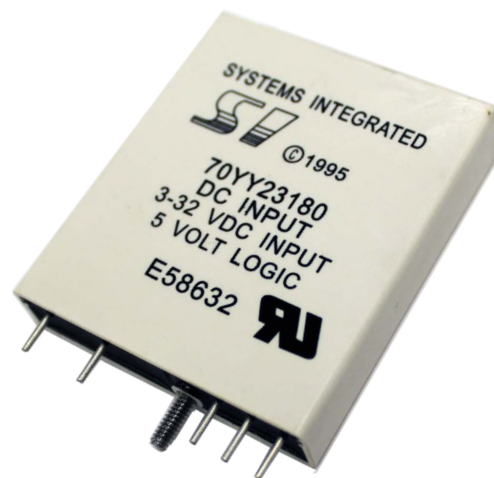




### DIGITAL INPUT MODULE

#### FEATURES

- Transient Protection: Meets the requirements of IEEE 472, "Surge Withstanding Capability Test"
- Non-Polarized Types Provide
- Inputs For DC
- Optical Isolation
- Built-in Status LED
- Hot Swappable



SI PAC1-70YY23180

#### TECHNICAL INFORMATION

SPECIFICATION	UNITS	Digital Input
Isolation Voltage	Vrms	4000
Vibration 1		MIL-STD-202
Mechanical Shock 2		MIL-STD-202
Storage Temp. Range	°C	-40 to +125
Operating Temp. Range	°C	-40 to +100
Maximum Input Voltage	Vdc	32
Input Voltage Range1	Vdc	3-32
Input Current @ Max. Input Voltage	mA	6
Maximum Turn-on Time	µs	50
Maximum Turn-off Time	µs	50
Nominal Input Resistance (Rx)	W	10K
Maximum Pick Up Voltage (Output Low)	Vdc	3
Minimum Drop Out Voltage (Output High)	Vdc	1
Nominal Logic Voltage (Vcc)	Vdc	5
Logic Voltage Range	Vdc	3-6
Max. Logic Supply Current @ Nominal Vcc	mA	10
Warranty		5 years

1 MIL-STD-202, Method 204, 20 G, 10-2000 Hz or IEC68-2-6, 0.15 mm/sec<sup>2</sup>, 10-150 Hz.

2 MIL-STD-202, Method 213, Condition F, 1500 G or IEC68-2-27, 11 mS, 15g.