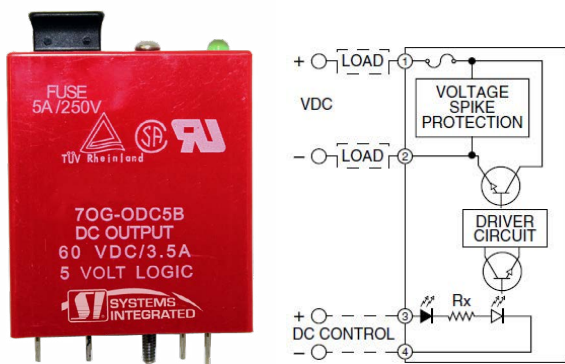
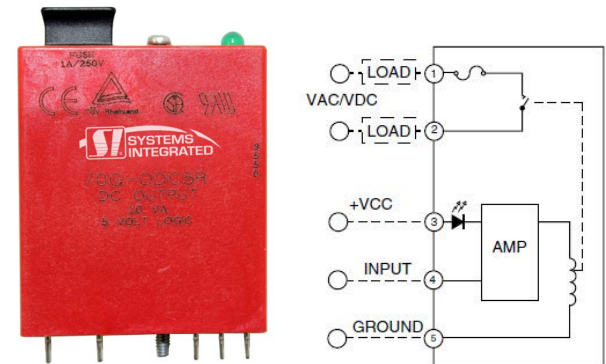


DIGITAL OUTPUT RELAY MODULES (DORM)



SI PAC1-319-01-002-5B
DC Output Solid State Relay Module



SI PAC1-319-01-002-5R
Dry Contact Relay Module

70G-ODC5B FEATURES

- Transient Protection: Meets the requirements of IEEE 472, "Surge Withstanding Capability Test"
- SPST, Normally Open
- UL, CSA, CE, TÜV Certified
- Optical Isolation
- OpenLine® and G5 Modules Provide Replaceable 5x20mm Glass Fuses
- Built-in Status LED
- Lifetime Warranty

70G-ODC5R FEATURES

- SPST, Normally Open
- UL, CSA Certified
- 1500 Vac Isolation
- G5 and OpenLine® Modules Provide Replaceable 5x20mm Glass Fuse
- Built-in Status LED
- Lifetime Warranty
- Switch AC or DC with the Same Module
- Very Low Off-State Leakage Current for AC loads
- No Off-State Leakage Current for DC loads

TECHNICAL INFORMATION
SIPAC1-70G-ODC5B

SPECIFICATIONS	UNITS	RATINGS
Function - Standard, Normally Open		
Maximum Line Voltage	Vdc	60
Load Voltage Range	Vdc	3-60
Max. Off-State Leakage @ Max.	mA	0.01
Line Maximum Turn-On Time	µSec	75
Maximum Turn-Off Time	µSec	500
Typ. Power Dissipation	W/A	1
Clamping Voltage	Vdc	80
Nominal Logic Voltage (Vcc)	Vdc	5
Logic Voltage Range	Vdc	2.5-10
Maximum Logic Supply Current	mA	14
@ Nominal Vcc	Ω	300
Nominal Input Resistance (Rx)	Vdc	1
Minimum Drop Out Voltage	A	0.02-3.5
Load Current Range	A	5
Surge Current for 1 Sec. Voltage		-5
Maximum Reverse Logic	Vdc	4000
Isolation Voltage		MIL-STD-202
Vibration	Vrms	MIL-STD-202
Mechanical Shock	°C	-40 to 125
Storage Temp. Range	°C	-40 to 100

SIPAC1-70G-ODC5R

SPECIFICATIONS	UNITS	RATINGS
Function - Standard, Normally Open		
Maximum Line Voltage	Vdc/Vac	100/120
Load Voltage Range	Vdc/Vac	0-100/0-120
Maximum Contact Rating	W	10
Maximum Switching Current	A	.5
Maximum Carry Current	A	1.0
Minimum Life Expectancy		
@ 10 Vdc/10 mA	Cycles	200 x 106
@ 48 Vdc/100 mA	Cycles	500 x 103
@ 120 Vac/80 mA	Cycles	500 x 103
@ 30 Vdc or 230 Vac/3A	Cycles	-
Maximum Contact Resistance	mW	250
Maximum Off-State Leakage	mA	.002
Maximum Turn-On Time	mSec	1
Maximum Turn-Off Time	mSec	1
Nominal Logic Voltage (Vcc)	Vdc	5
Logic Voltage Range	Vdc	4.8-6.0
Maximum Logic Supply Current		
@ Nominal Vcc		
Nominal Input Resistance (Rx)	Ω	300
Minimum Drop Out Voltage	Vdc	1
Maximum Reverse Logic		
Isolation Voltage		1500
Vibration		MIL-STD-202, Method 204, 20 G, 10-2000 Hz or IEC68-2-6, 0.15 mm/sec ² , 10-150 Hz.
Mechanical Shock		MIL-STD-202, Method 213, Condition F, 1500 G or IEC68-2-27, 11 mS, 15g.
Storage Temp. Range	°C	-40 to 70
Operating Temp. Range	°C	-40 to 70