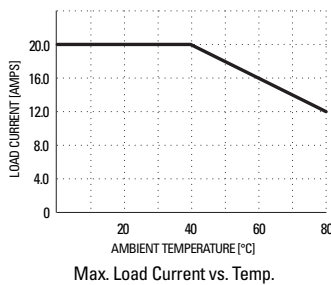


- MOSFET Output
- Extra Low On-State Resistance
- PCB Mount

DC output SPST-NO solid state relays use MOSFET output for high switching capabilities in a PC-mount air-cooled package. Pinouts are compatible with Series 6 and ODC type I/O modules.

Manufactured in Crydom's ISO 9001 Certified facility for optimum product performance and reliability.

CURRENT DERATING CURVE



INPUT SPECIFICATIONS ①

Control Voltage Range	3.0-10.0 Vdc
Nominal Input Impedance	300 Ohm
Typical Input Current @ 5 Vdc	15 mAdc
Must Turn On Voltage	3.0 Vdc
Must Turn Off Voltage	1.0 Vdc

OUTPUT SPECIFICATIONS ①③

Operating Voltage Range	0-60 Vdc
Load Current Range	0-20 Adc
Max. Surge Current, (10 msec)	200 Apk
Max. Off-State Leakage @ Rated Voltage	100 µAdc ^④
Max. On-State Resistance @ Rated Current (R _{DS-ON})	.0033 Ohm
Max. On-State Voltage Drop @ Rated Current	0.1V
Max. Turn-On Time @ 10Vdc Control	2.0 msec
Max. Turn-Off Time @ 10Vdc Control	300 µsec

GENERAL SPECIFICATIONS

Dielectric Strength ②	2500 Vrms
Insulation Resistance (Min.) @ 500 Vdc ②	10 ⁹ Ohm
Max. Capacitance (Input/Output)	15 pF
Ambient Operating Temperature Range	-30 to 80°C
Ambient Storage Temperature Range	-30 to 125°C

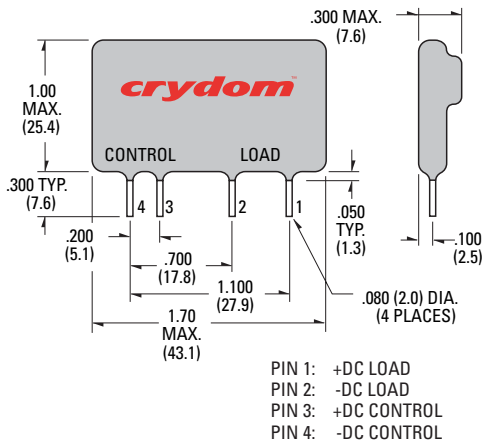
MECHANICAL SPECIFICATIONS

Weight: (typical)	0.4 oz. (11 g)
Encapsulation:	Thermally Conductive Epoxy

GENERAL NOTES

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- ① All parameters at 25°C unless otherwise specified.
- ② Dielectric and insulation resistance are measured between input and output.
- ③ Inductive loads should be diode suppressed.
- ④ At 55 Vdc.



All dimensions are in inches (millimeters)