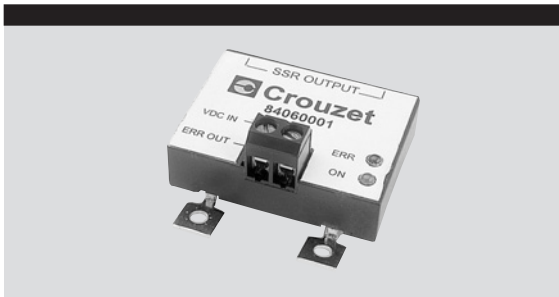


SOLID STATE RELAYS

“SMART MODULE”



ELECTRICAL SPECIFICATIONS: (1)

INPUT:

Nominal Voltage	5-24 VDC
Maximum Voltage	32 VDC
Minimum Voltage	3 VDC
Off-State Voltage (2)	1 VDC

DC SUPPLY/ERROR SIGNAL:

Supply Voltage (3)	4-32 VDC
Supply Current (4)	15-30 mA
Error Output Voltage (5)	4-32 VDC
Error Output Current	30 mA

FEATURES:

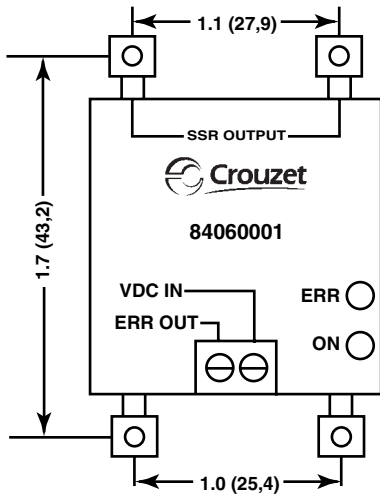
- Supplies Electrical And Visual Feedback If An Error Occurs In The Circuit Or With The Host SSR
- 4 to 32 VDC Push-Pull Transistor Alarm Output
- 4000 VAC Optical Isolation
- 1200 VAC Peak Off-State Blocking Voltage Allows For Use With Any DC Input G & GA5 Series SSR
- UL/cUL Recognition Evaluation Pending
- Mounts On Any Standard Puck Style SSR

LINE VOLTAGE:

Line Voltage	24-660 Vrms
Off-State Blocking Voltage (6)	1200 Vpk
Off-State Leakage Current (7)	8 mArms

GENERAL SPECIFICATIONS:

Operating Temperature	-20° to +80°C
Storage Temperature	-40° to +100°C
Input To Output Isolation (8)	4000 Vrms
Turn-On Time	8.3 mSec
Turn-Off Time	8.3 mSec



FUNCTION: (SMART MODULE ENERGIZED)

INDICATOR	STATUS		
	OFF	ON	BLINKING
ON (GREEN LED)	NO INPUT TO SSR	INPUT POWER TO SSR	N/A
ERROR (RED LED)	NORMAL OPERATION	INTERNAL SHORT	EXTERNAL SHORT OR OPEN CIRCUIT
ERROR OUTPUT SIGNAL	4-32VDC (DC SUPPLY)	0VDC (GROUND)	0VDC (GROUND)

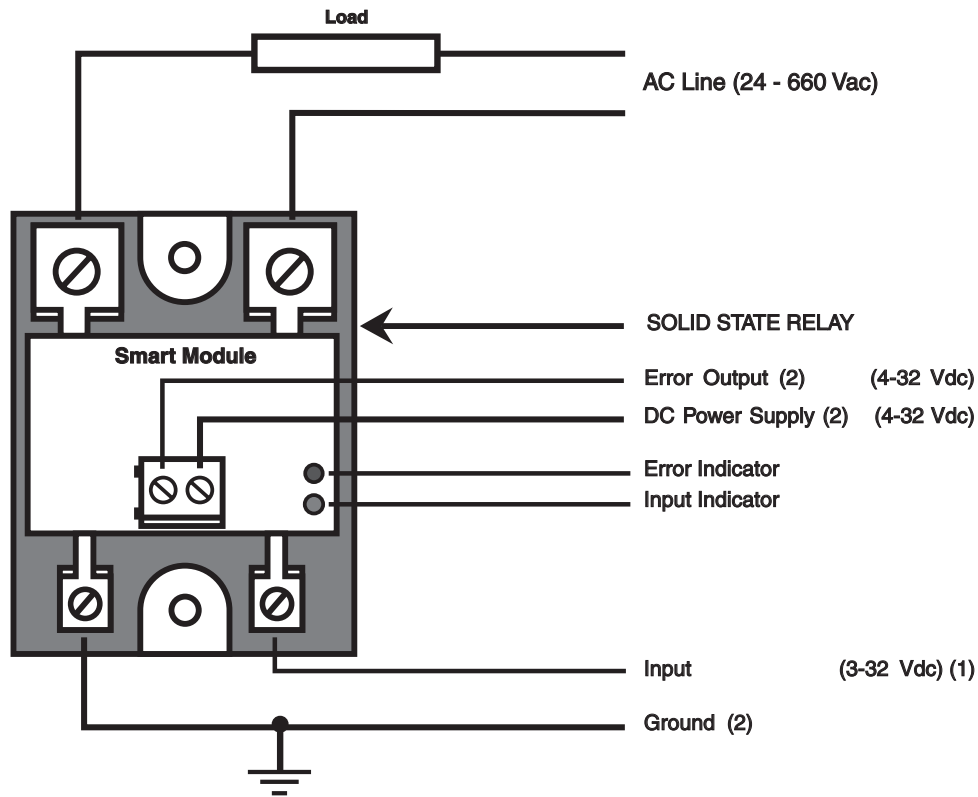
Notes:

- (1) Specifications apply to an ambient of -20° to + 80°C unless otherwise specified
- (2) Defined as the maximum allowable voltage on the input terminals of the SSR for the module to “sense” an off-state condition
- (3) Referenced to pin #4 (common) of the SSR
- (4) 30 mA max @ 32 VDC supply voltage; current regulated
- (5) During normal operation of the SSR; Error output = DC supply voltage
- (6) Maximum 1 minute duration
- (7) At maximum line voltage
- (8) At 25°C for 1 second

Ordering Information
Part Number: **84060001**

SOLID STATE RELAYS

WIRING DIAGRAM:



Note:

1. HV GN Series DC Input Range is 4-32 Vdc
2. Input, Outputs and DC Power Supply voltages are referred to the same common Ground