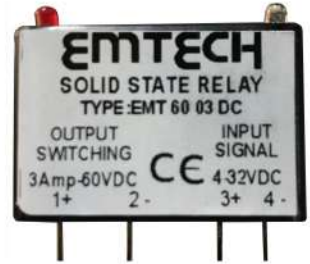


DC to DC PANEL MOUNT SOLID STATE RELAY

Features include:

- 3Amp DC
- 5-100VDC
- DC Control
- Control Input Green LED & Output Revers Red LED
- Microsecond Switching
- Reverse Polarity Protection
- Very Low Power Dissipation
- Opto/Magnetic Isolation
- Power Darlington / MOSFET O/P
- Compatible to TTL
- N/O Configuration
- Free From EMI/RFI
- Noise Less Switching



Specification

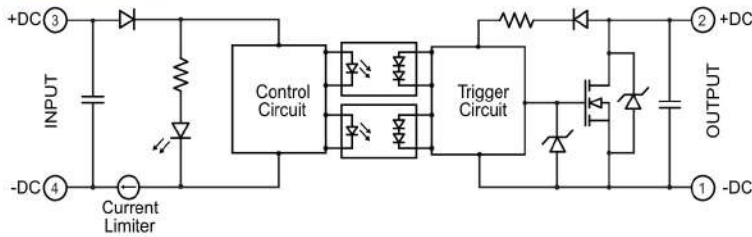
Output Load

RMS on State Current	IT	A	03
Load Current With Heatsink	IT	A	2.5
Main Control Output Voltage	V	Vdc	5-60
Surge Current (Non-Rep)	I _{tsm}	A	72
On state Voltage Drop	V _t	Vdc	1.6
Off state Leakage Current	I _d rm	µA	100
Thermal Resistance	R _{th}	°C/W	1.15
Turn-On	T-on	µs	500
Turn-Off	T-off	µs	800
Operating Temperature	Temp.	°C	-30/+80

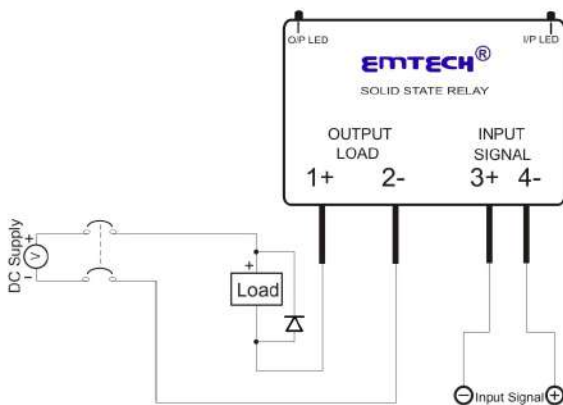
Input Signal

DC Control Voltage	VDC	3 to 32
DC Control Current	mA	15
Pick-up Voltage	VDC	4.0
Drop-out Voltage	VDC	1.0
Input Resistance (K)	Ohms	2.1

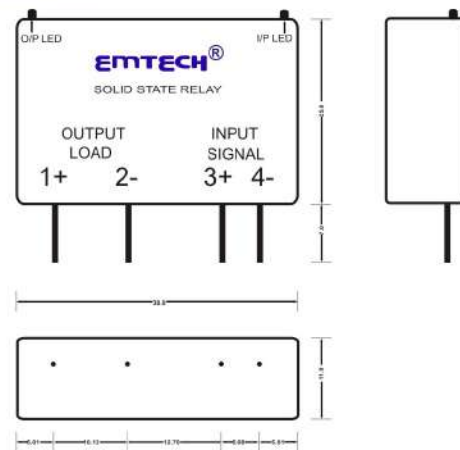
Schematic



Wiring Diagram



Mounting Dimension



Precaution

- * To protect SSR from most shorts, use fuse with an I²T clearing specification less than 33% of the SSR.