DC - DC SSR CARD SHORT-CIRCUIT PROTECTED



Key Features

- Hydraulic / Pneumatic valve driver
- Short-circuit / Over-load protected
- Over temperature protected
- Input control voltage 5VDC 50VDC / < 2mA
- Load voltage 12VDC 45VDC
- Load current 2.5A continues / 4A Inrush
- NPN & PNP Control compatible
- Individual channel fault protection with LED indicator
- Operation frequency 500 Hz max.
- Signal to Load isolation 5KV / 1min.
- Conformal coated PCB for better resistance to environment



Part No.	Channels	Dimensions	Weight
SSR2CH	2 Channels	89mm x 25mm	40 gms.
SSR4CH	4 Channels	89mm x 35mm	55 gms.
SSR8CH	8 Channels	89mm x 58mm	80 gms.

Fault LED operation

Operation	Control	Fault LED
Normal	OFF	OFF
	ON	OFF
Open Load	OFF	ON
	ON	OFF
Over current	OFF	ON
	ON	ON



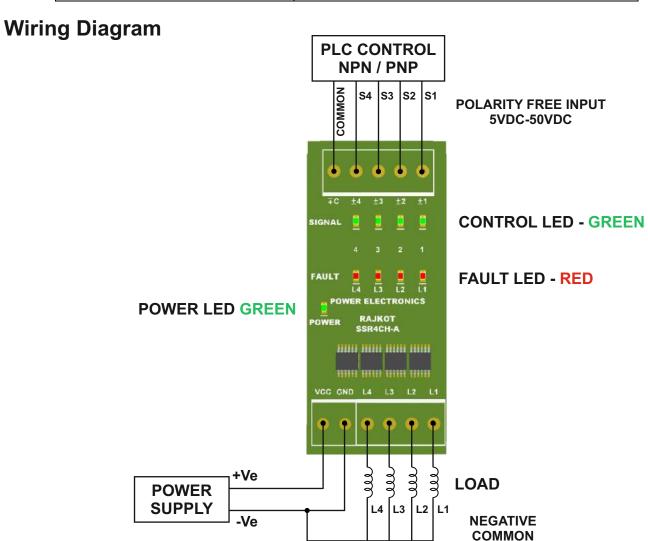
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Technical Specification

Control Voltage	5VDC to 50VDC	
Control current	<2 m A	
Load Voltage	12VDC to 45VDC	
Load current (Continues)	2.5A	
Load current (Inrush)	4 A	
Over current protection	4.3A	
Over load duration	2 m s	
Thermal shutdown	170°C	
Operating Freq. max	500 Hz	
Turn on delay	35μs	
Turn off delay	40µs	
On-state resistance	70mohm @ 25°C	
Isolation voltage	>5KV for 1 min.	



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