



P1S-DCN

Solid State Relay

**DC inductive or Resistive Load Switching.
Negative Common Output**

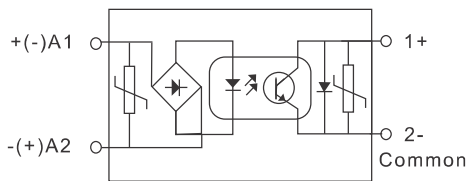
One open contact
2A @ 5 ... 50V DC



Input Polarity protected

Range Of Input Voltage	5 ...32 VDC
Drop-out Voltage	< 2.5 VDC
Input Current	3 ± 1 mA
Current Stabilizer	Yes
Peak Inrush Voltage Protection	IEC-1000-4-5 level 1

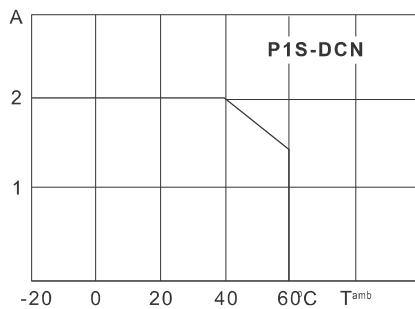
P1S-DCN Common Negative



Out, Synchronized to Zero

Max. Output Current	2A
Max. Output Voltage	50 VDC
Minimum Output Voltage	5 VDC
Max.drop Output Voltage	1.3 VDC
Max. Leakage Current at 48 VDC	< 100 µA
Max. Over Current Pulse	5A, 350 µS
Pulse Protection	IEC-1000-4-5 level 1
Max. Current at Inverse Voltage	1 A

Max. DC load vs. Ambient Temperature



Specifications

DI-Electric Strength Input / Output	4 KV / 1min.
Operate Time	1 ms
Release Time	max.2ms
Working Temperature max.	60°C
Storage temperature	100°C
Weight	28 gr. Max.

Application

It is to switch upto 50V DC, Heating elements electro valves, motors, input / output signals on PLC's Solenoids incandescent and fluorescent lamps etc.

Inductive loads must be connected with a free wheeling diode in parallel.

Dimensions in mm.

