



# P1S-DCP

Solid state relay

**DC Inductive or resistive Load Switching.  
Positive Common Output**

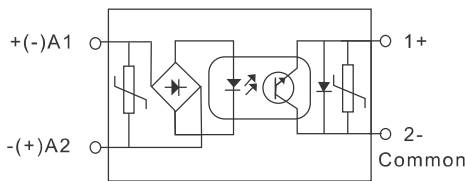
One Open Contact  
**2A @ 5 ..... 50V DC**



## Input Polarity protec

Range Of Input Voltage	5 ...32 VDC
Drop-out Voltage	< 2.5 VDC
Input Current	5 ... 15 mA
Current Stabilizer	Yes
Peak inrush voltage Protection	EC-1000-4-5 level 1

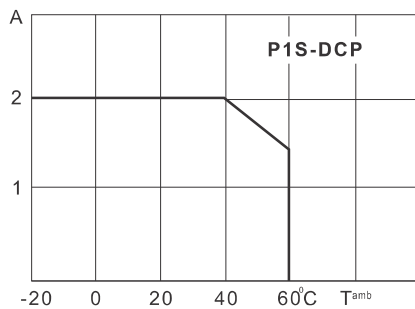
## P1S-DCP Common Positive



## Output, Common Positive

Max. Output Current	2 A
Max. Output Voltage	50 VDC
Minimum Output Voltage	5 VDC
Max. Voltage Drop	1.3 VDC
Max. leakage current at 48 Vdc	< 100 µA
Max. Over Current Pulse	5 A, 360 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	1ms
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 Values, motors, input / output signals on PLC's, Solenoids Incandescent and Fluorescent Lamps etc.

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

## Dimensions in mm.

