

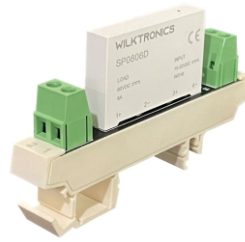
# Solid State Relay

Type:SP0806D

Order No.:1060031



- Single phase DC switching solid state relay
- Rated operational current:8Adc
- Rated operational voltage:60Vdc
- Control voltage:3-32Vdc
- Flexible encapsulation for extended life



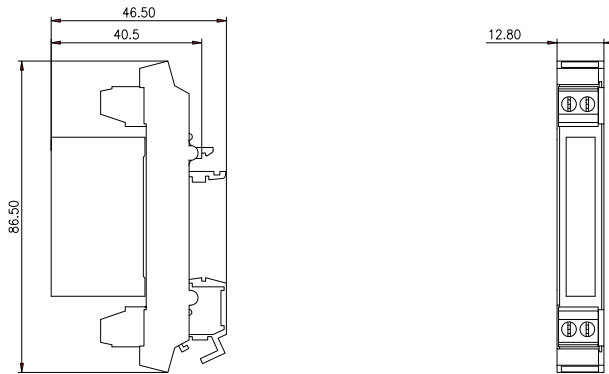
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## Dimensions(mm)



## Inputs Specifications

Control voltage	3-32VDC
Pick-up voltage	2.8Vdc
Drop-out voltage	1.2Vdc
Max. input current	18mA
Max. reverse voltage	40Vdc
Response time pick-up	< 10ms
Response time drop-out	< 10ms

## Ouputs Specifications

Rated operational current@Ta=40°C	8Adc(DC1,DC5,DC13)
Min. operational load current	1mAdc
Rep. overload current t=1s	60Adc
Off-state leakage current @ rated voltage	<0.01mAdc
On-state voltage drop @ rated current	< 1.0Vdc
Rated operational voltage range	1-60Vdc
Blocking voltage	60Vdc

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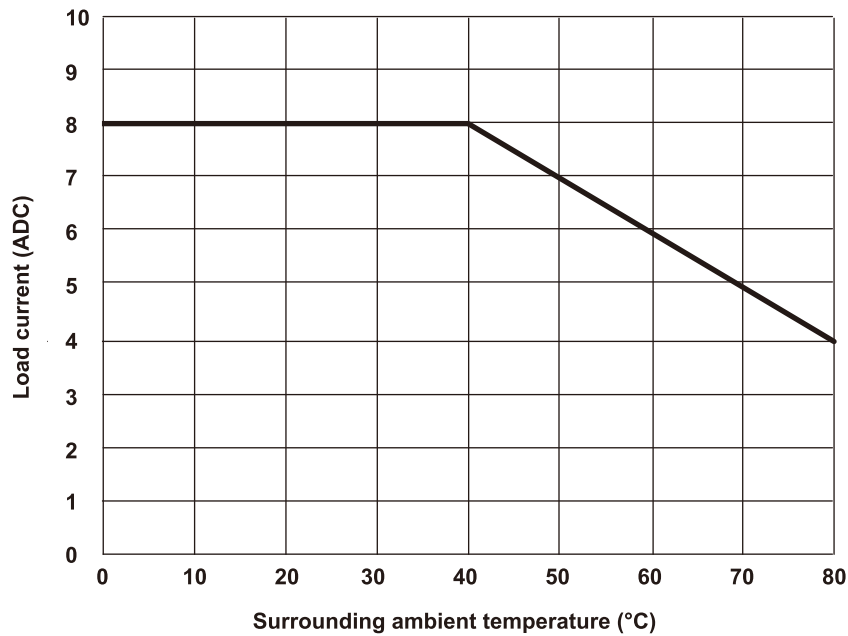
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## General Specifications

Operating temperature	-20°C - +80°C
Storage temperature	-40°C - +100°C
Material	ABS+PC,PA66
Potting compound	Flame-retardant flexible silicone rubber
Isolation: input to output	4 kVac RMS
Approvals	CE

## Derating Curve



## Wiring Diagrams

