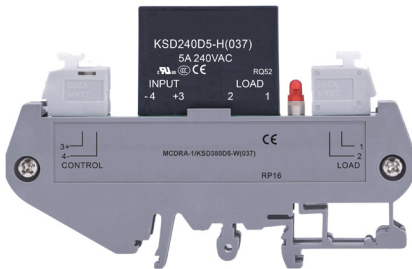


# Solid State Relay



RoHS  
Compliant



## Description

The product is a single channel din-rail mounted module with 5A. Control voltage is 4-32V DC and isolation voltage is 4000VACrms with a high EMC capability and high inrush current.

## Features

- Load Current: 0.1A to 5A
- Din Rail Mounted
- DC Control
- LED Indication
- High EMC Capability
- High Inrush Current

## Applications

Suitable for Automatic Equipment, Control System, Entertainment Equipment.

## Technical Specification

### Input Specifications

Control Voltage Range	: 4V DC to 32V DC
Min. Turn-On Voltage	: 4V DC
Min. Turn-Off Voltage	: 1V DC
Max. Input Current	: 25mA

### Output Circuit

Load Voltage Range	: 48 ~ 440V AC
Transient Overvoltage	: 800Vpk
Load Current Range	: 0.1 ~ 5A
Max. Turn-On Time	
Zero Crossing	: 1/2AC Cycle + 1ms
Max. Turn-off Time	: 1/2AC Cycle + 1ms
Max. Surge Current (@10 ms) (5A)	: 60A
Max. Off-State Leakage Current [@ Rated Voltage]	: 5mA
Max. On-State Voltage Drop [@ Rated Current]	: 1.5Vrms
Min. Off-State dv/dt[@Maximum Rated Voltage]	: 200V/μs

### General Information

Dielectric Strength Input/Output	: $\geq 4000$ Vrms
Ambient Operating Temperature Range	: -30°C to +80°C
Ambient Storage Temperature Range	: -30°C to +100°C
Weight (Typical)	: 55g

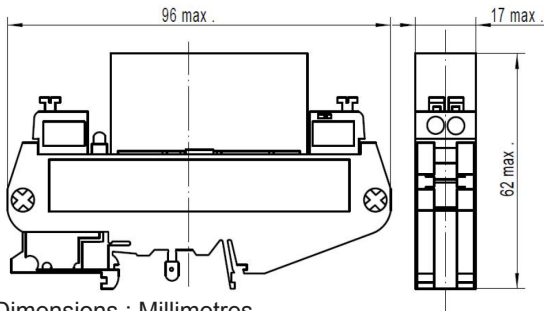
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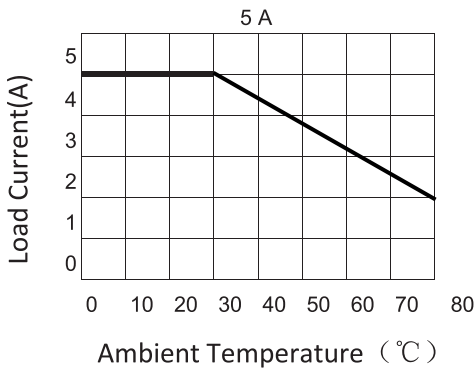
# Solid State Relay



## Diagram



## Thermal Curve



## Part Number Table

Description	Part Number
SSR, DIN Module, 440V DC, 5A, 4-32V DC	MCDRA-1/KSD380D5-W(037)

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