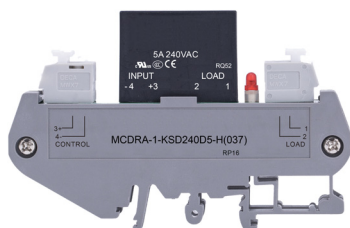


RoHS
Compliant



Description

The product is single channel din-rail mounted module with 5A. Control voltage is 15-32V DC and isolation voltage is 4000V ACrms with high EMC capability, high inrush current, special for automatic machinery, control system, elevator, entertainment equipment.

Features

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

Application

Suitable for Automatic Equipment, Control System, Entertainment Equipment.

Technical Specification

Input Circuit

Control Voltage Range	: 15V DC to 32V DC
Min. Turn-On Voltage	: 15V DC
Min. Turn-Off Voltage	: 1V DC
Max. Input Current	: 25mA

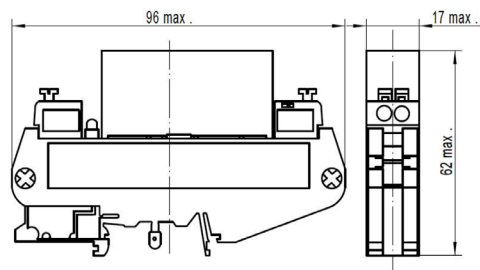
Output Circuit

Load Voltage Range	: 48V AC to 280V AC
Transient Overvoltage	: 600Vpk
Load Current Range	: 0.1A to 5A
Max. Turn-On Time	: 1/2AC Cycle + 1ms
Max. Surge Current (@10 ms)	: 60A
Max. Off-State Leakage Current [@ Rated Voltage]	: 5mA
Max. On-State Voltage Drop [@ Rated Current]	: 1.5Vrms
Min. Off-State dv/dt [@ Max. Rated Voltage]	: 200V/μs

General Information

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

Diagram

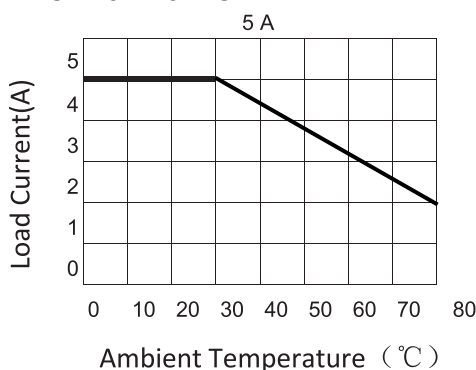


Dimensions : Millimetres

Wiring Diagram



Thermal Curve



Part Number Explanation

MCDR

MCDR
Series

A

A: Mould A

-1

1: 1 Channel

-KSD240D5

Zero Crossing

-H(037)

Control Voltage
H: 15-32V DC

Part Number Table

Description	Part Number
Solid State Relay, Din module, 280V AC, 5A, 15-32V DC	MCDRA-1/KSD240D5-H(037)

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