

DIN Rail Mount Solid State Relay Module

Single Channel AC Output



Description

This is single channel din-rail mounted module with 3A or 5A. Control voltage is 4-15V DC, 15-32V DC or 4-32V DC and isolation voltage is 4000VACrms, special for automatic machinery, control system, elevator, entertainment equipment.

**RoHS
Compliant**

Features

- Load Current: 0.1A to 5A
- Standard 35mm DIN Rail
- DC Control
- LED Indication
- Dielectric Strength: 4000V ACrms

Application

Suitable for Automatic Equipment, Control System, Entertainment Equipment.

Technical Specification

Input Circuit		
Control Voltage Range		4 ~ 15V DC
		15 ~ 32V DC
		4 ~ 32V DC
Must Turn-On Voltage		4V DC
		15V DC
		4V DC
Must Turn-Off Voltage		5V DC
		1V DC
Maximum Input Current		25mA
Output Circuit		
Load Voltage Range	240V AC	24-280V AC
Transient Over voltage	240V AC	600Vpk
Load Current Range	3A	0.1 ~ 3A
	5A	0.1 ~ 5A
Maximum Turn-On Time	Random-on	1ms
	Zero Crossing	1/2cycle+1ms
Maximum Turn-Off Time		1/2cycle+1ms
Maximum Surge Current(@10 ms)	3A	160A
	5A	250A
Maximum Off-State Leakage Current [@ Rated Voltage]		5mA
Maximum On-State Voltage Drop [@ Rated Current]		1.5Vrms
Minimum Off-State dv/dt[@ Maximum Rated Voltage]	3A	200V/μs
	5A	500V/μs

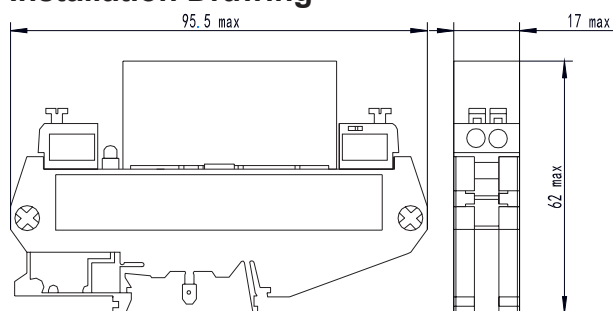
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General Information	
Dielectric Strength Input/Output	4000Vrms
Insulation Resistance Input/Output	1000MΩ
Ambient Operating Temperature Range	-30°C ~ +80°C
Ambient Storage Temperature Range	-30°C ~ +100°C
Weight (Typical)	55g

Installation Drawing

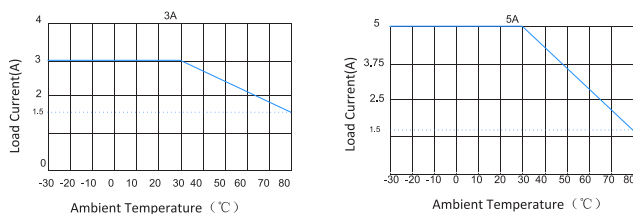


Dimensions : Millimetres

Wiring Diagram



Thermal Curve



Part Number Table

Description	Part Number
SSR Module, DIN Rail Mount, 1-CH, 3A, 240VAC, 4-32VDC, Random Turn On	MC002263
SSR Module, DIN Rail Mount, 1-CH, 5A, 240VAC, 15-32VDC, Zero Crossing	MC002264
SSR Module, DIN Rail Mount, 1-CH, 5A, 240VAC, 4-15VDC, Zero Crossing	MC002265
SSR Module, DIN Rail Mount, 1-CH, 5A, 240VAC, 15-32VDC, Random Turn On	MC002266
SSR Module, DIN Rail Mount, 1-CH, 5A, 240VAC, 4-32VDC, Zero Crossing	MC002267

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