

FEATURES

- Dielectric strength 2500Vrms
- I/O modules for interface between CPU
- External input devices or loads

PRECAUTIONS

1. Soldering must be completed within 10 seconds at 260°C or less or within 5 seconds at 350°C or less.
2. The SSR case serves to dissipate heat. Install the relays so that they are adequately ventilated. If poor ventilation is unavoidable, reduce the load current by half.

INPUT MODULE

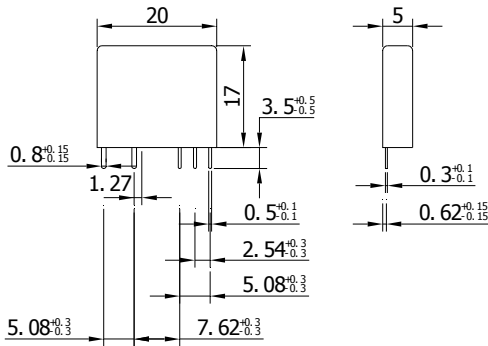
	Item	AC output module		DC output module	
		110VAC Type	240VAC Type	12 / 24VDC Type	
Input side	Input voltage range	80 to 132Vrms	160 to 265Vrms	9.6 to 28.8VDC	
	Rating input current	Max. 15mA		Max. 5mA (at 14.4VDC)	Max. 10mA (at 28.8VDC)
	Power frequency range	47 to 63Hz		--	--
	Must operate voltage	80Vrms	160Vrms	9.6VDC	
	Must release voltage	30Vrms	40Vrms	5.0VDC	
	Must release current	2mArms		1.5mA	
Output side	DC supply voltage (VDD)	4 to 6VDC			
	Maximum output current	4mA@(VDD=5V)			
	Output logic	Operate with negative true logic (active low)			
Maximum operate time		25ms		10ms	
Maximum release time		30ms		10ms	
Insulation resistance		Minimum 1000MΩ (at 500VDC)			
Dielectric strength		2500Vrms 1 minute			
Operating temperature range		- 30°C to +85°C			
Storage temperature		- 40°C to +100°C			
Case color		Yellow		White	

ORDERING INFORMATION

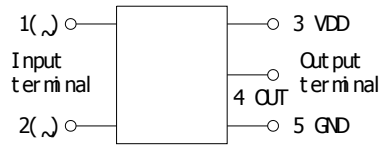
MS9 - 240 - A 05D 1

Model No.	Input Voltage	Input Voltage Form	Output Voltage	Load Current
MS9	12: 12VDC 24: 24VDC 110: 110VAC 240: 240VAC	A: AC D: DC	05D: 5VDC	1: 1A

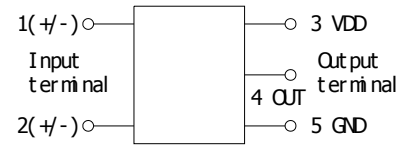
Dimensions(unit: mm)



Schematic
AC output type



DC output type



PCB Layout

