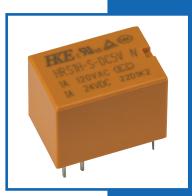
R-TECH

Micro Miniature High Sensitivity Signal Relays



DESCRIPTION

A range of Micro Miniature High Sensitivity SPDT Signal Relays. These general purpose, single pole, through hole mounting relays are designed for switching small measurement and control signals within circuits.

DISTINCTIVE FEATURES

- Micro miniature size
- Contact 1 Form C
- SPDT contact configurationPCB mounting
- High sensitivity of 200mW
- Fully Sealed Construction

APPLICATIONS

The small dimensions of these micro miniature high sensitivity signal relays make them suitable for a wide variety of applications, including communications, measurement, automation control and audio visual equipment.





ELECTRICAL SPECIFICATION

Contact Form	1 Form C	
Contact Rating	1A/3A 120VAC/24VDC	
Contact Resistance	Max. 50mΩ (6VDC 0.1A)	
Insulation Resistance	Min. 100MΩ 500VDC	
Max Switching Voltage	220VAC/30VDC	
Max Switching Current	ЗА	
Max Switching Power	360VA, 72W	
Min Switching Load	5VDC, 10mA	
Between Open Contacts	750VAC, 1min	
Between Coil & Contacts	1000VAC, 1min	

Coil Data (Ambient Temperature 23°C)	Coil Power mW	Nominal Voltage VDC	Coil Resistance Ω+/-10%	Operate Voltage ≤VDC	Release Voltage ≥VDC
61-6286 200		5	125	3.75	0.5
61-6287 200		12	720	9	1.2

GENERAL SPECIFICATION

Series	Micro miniature high sensitivity signal relays	
Mounting Type	PCB mounting	
RoHS	Yes	



6 6 6

MATERIALS

Contact Material	AuAg overlay	
Outer Case Material	PBT Plastic sealed	



CERTIFICATION AND STANDARDS

File Number	Contact Form	Power Consumption	Coil Voltage	Contact rating	Remarks
	0	0.20W/0.36W	3-24VDC	1A 120VAC/24VDC	
UL E164730	С			3A 120VAC/24VDC	
			3-24VDC	1A 120VAC/24VDC	Ambient Temperature: 70°C
TUV 50103498	С	0.20W/0.36W		3A 250VAC	Ambient Temperature: -25°C~25°C
	1A 120VAC	Ambient Temperature: -40°C~70°C			
CQC 12002086133	С	0.20W/0.36W	3-24VDC	3A 250VAC/24VDC	Ambient Temperature: -25°C~25°C



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ENVIRONMENTAL/OPERATING SPECIFICATION

Electrical Life	100,000 operations @ 1A/50,000 @ 3A			
Mechanical Life	10,000,000 operations	10,000,000 operations		
Operate Time	Max. 5ms			
Release Time	Max. 5ms	Max. 5ms		
Operating Temperature	-25°C to +70°C			
Humidity	35~95%RH, +40°C			
	Endurance	1,000m/s2		
Shock Resistance	Misoperation	100m/s2		
Vibration Resistance	Endurance 10~55Hz, 1.5mm double amplitude			
	Misoperation	10~55Hz, 1.5mm double amplitude		



TERMINALS

	Terminal Type	Solder pins	
Terminal Dimensions		See drawing page 4	



Also available with a coil voltage of 3, 6, 9 & 24VDC

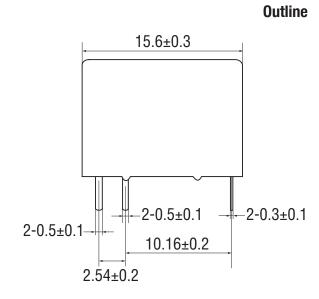




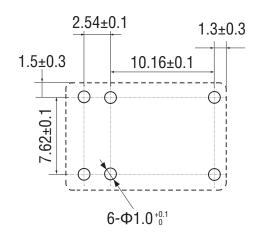
DIMENSIONS/DRAWINGS

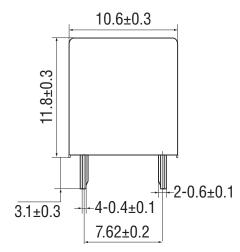
Units	mm - unless stated otherwise		
Dimensions (Summary)	15.6 x 10.6 x 11.8mm		
Length	15.6mm		
Width	10.6mm		
Height (Excluding pins)	11.8mm		
Weight	4.0g		



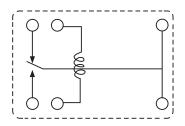


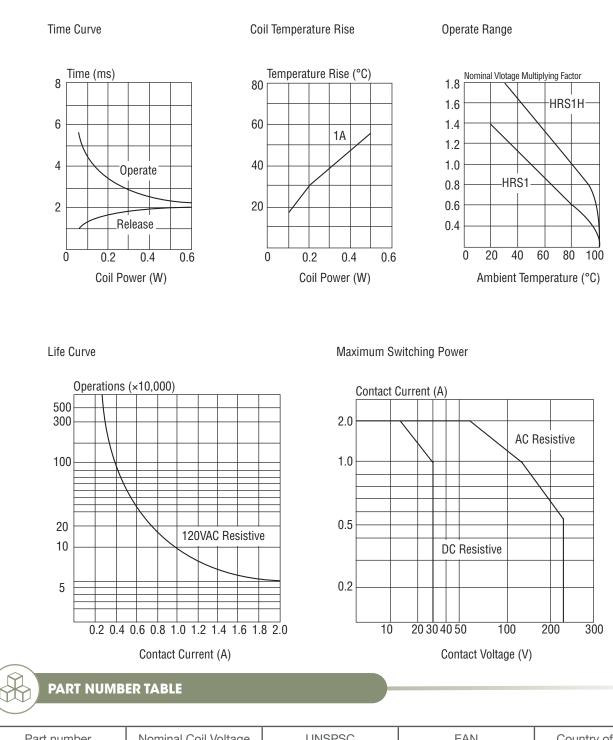






Wiring Diagram (Bottom View)





Part numberNominal Coil Voltage61-62865 VDC		UNSPSC	EAN	Country of Origin
		39122325	5053556008339	China
61-6287	12 VDC	39122325	5053556008346	China

For further information on pricing, delivery, and long-term stock agreements please contact your local business development person, telephone our main office on **01206 838000** or email **Sales@Rapidonline.com**.

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