

922



Product Features

- ◆ Miniature size
- ◆ Low coil power consumption
- ◆ PC board mounting directly
- ◆ Fit for occasions with high surge current, such on household appliances, automatic system, electronic equipments, meters, TV-5 remote control TV receiver, monitoring instrument, sound equipments, etc.
- ◆ Outline dimensions: 20.3X16.5X20.5mm

 us E215689

 14002105780

 R 50156096

Ordering Information

Model No.	922	-24VDC	-SL	-A	W
Nominal Coil Voltage:	5,6,9,12,18,24,48V(DC)				
Construction:	SL: Plastic sealed Nil: Flux proofed				
Contact Form:	A: Normally Open B: Normally Closed C: Normally Open&Close				
Color:	W: White Nil: Black				

Contact Rating

Contact Form		1A,1B,1C	
Contact Material		Ag alloy	
Dielectric Strength	Between Coil&Contact	1500VAC,50/60Hz 1min	
	Between Open Contacts	750VAC,50/60Hz 1min	
Contact Rating		NO:15A/250VAC,15A/277VAC NC:10A/250VAC	
		TV-5,120VAC,240VAC	
Switching Power Max.		360W 4155VA	
Switching Voltage Max.		24VDC 277VAC	Switching Current Max.:20A
Contact Resistance		≤ 100mΩ	Item 4.12 of IEC 61810-7
Endurance	Electrical	10 ⁵	Item 4.30 of IEC 61810-7
	Mechanical	10 ⁷	Item 4.31 of IEC 61810-7

Technical Rating

Insulation Resistance	100M Ω (500VDC)Min.	Item 7 of IEC 60255-5
Shock Resistance	100m/s ² 11ms	IEC 68-2-27 Test Ea
Vibration Resistance	10Hz ~ 55Hz double amplitude 1.5mm	IEC 68-2-6 Test Fc
Leading-out Terminal Strength	10N	IEC 68-2-21 Test Ua1
Ambient Temperature	-40 $^{\circ}$ C ~ 105 $^{\circ}$ C	
Relative Humidity	85%(40 $^{\circ}$ C)	IEC 68-2-3 Test Ca
Weight	12.0g	

Coil Rating

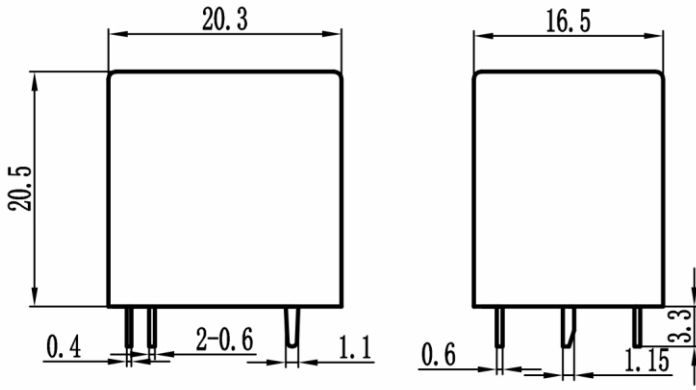
No.	Coil Voltage(VDC)		Coil Resistance R(1 \pm 10%) Ω	Pick up Max. (VDC) (75% of Nominal Voltage)	Drop out Min. (VDC) (10% of Nominal Voltage)	Coil Power (W)	Operate Time (ms)	Release Time (ms)
	Nominal	Max.						
005-360	5	6.5	69	3.75	0.50	0.36	\leq 15	\leq 5
006-360	6	7.8	100	4.50	0.60			
009-360	9	11.7	225	6.75	0.90			
012-360	12	15.6	400	9.00	1.20			
018-360	18	23.4	900	13.50	1.80			
024-360	24	31.2	1600	18.00	2.40			
048-360	48	62.4	6400	36.00	4.80			
005-450	5	6.5	56	3.75	0.50	0.45	\leq 15	\leq 5
006-450	6	7.8	80	4.50	0.60			
009-450	9	11.7	180	6.75	0.90			
012-450	12	15.6	320	9.00	1.20			
018-450	18	23.4	720	13.50	1.80			
024-450	24	31.2	1280	18.00	2.40			
048-450	48	62.4	5120	36.00	4.80			
012-600	12	15.6	240	9.00	1.20	0.60	\leq 15	\leq 5
024-600	24	31.2	960	18.00	2.40			

Safety Approval Rating

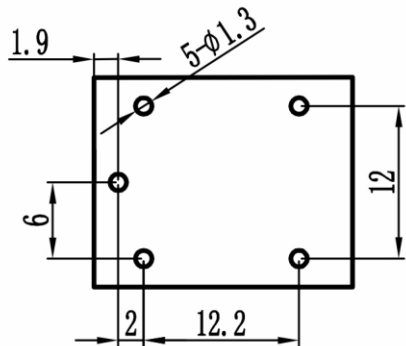
Approval	CQC	UL	TÜV
Load Rating	NC:10A/250VAC NO:15A/250VAC	15A/125VAC 15A/24VDC NO:15A/277VAC	NC:10A/250VAC NO:15A/250VAC

Outline Dimensions, Wiring Diagram And PCB Layout
Unit:mm

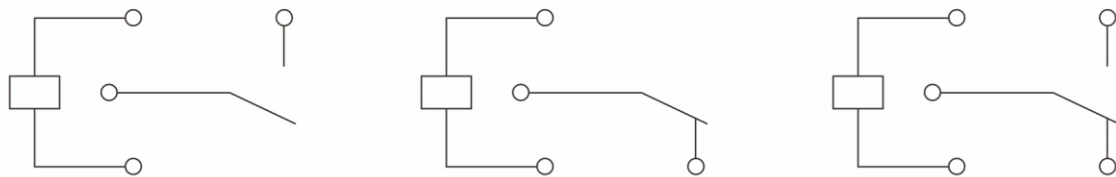
Outline Dimensions



PCB Layout (Bottom View)

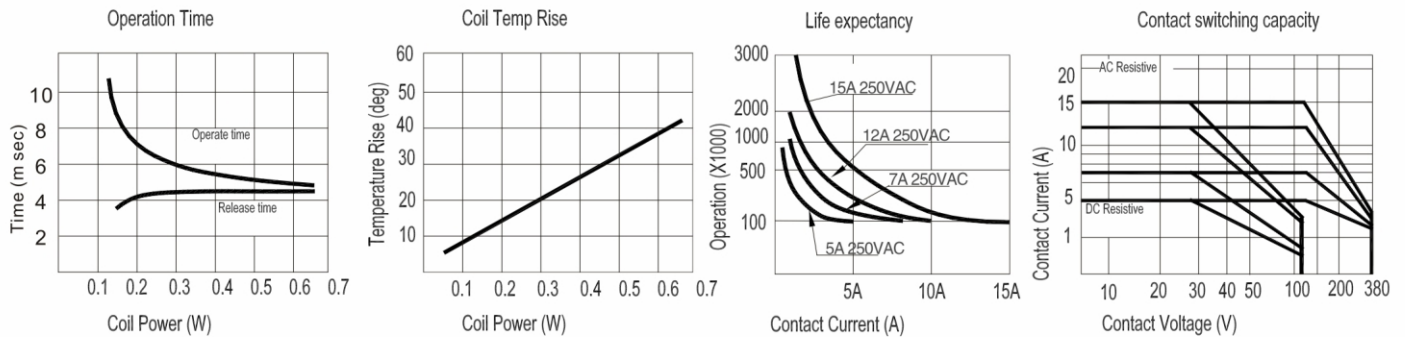


Wiring Diagram(Bottom View)



1A
1B
1C

Remarks: (1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.
 (2) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

Engineering Data


Note: Specification and dimensions in this catalogue are for reference only and subject to change without notice.