

922-H



Product Features

- ◆ Miniature size, low coil power consumption
- ◆ Contact load on NO terminal Max.20A
- ◆ PC board mounting directly
- ◆ Low halogen and bromine products available
- ◆ Suitable for occasions with high inrush current: household appliances, compressors, sound equipments, etc.
- ◆ Outline dimensions: 20.3X16.5X20.5mm


 US E215689


 14002105780


 R 50156096

Ordering Information

Model No.	922	-24VDC	-SL	-A	W	H
Nominal Coil Voltage:	3,6,9,12,15,18,24,48V(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:	16A/17A/20A					

Contact Rating

Contact Form		1A,1B,1C	
Contact Material		Ag alloy	
Dielectric Strength	Between Coil&Contact	2500VAC,50/60Hz 1min	
	Between Open Contacts	1000VAC,50/60Hz 1min	
Contact Rating		20A 277VAC/20A 250VAC/20A 125VAC/17A 277VAC/16A 250VAC	
		TV-8 TV-5 120VAC,240VAC	
Switching Power Max.		480W 5540VA	
Switching Voltage Max.		24VDC 277VAC	Switching Current Max.:20A
Contact Resistance		≤ 100mΩ	Item 4.12 of IEC 61810-7
Endurance	Electrical	5X10 ⁴	Item 4.30 of IEC 61810-7
	Mechanical	10 ⁷	Item 4.31 of IEC 61810-7

Coil Rating

No.	Coil Voltage(VDC)		Coil Resistance R(1 ± 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	≤ 15	≤ 5
009-360	9	11.7	225	6.75	0.90			
012-360	12	15.6	400	9.00	1.20			
024-360	24	31.2	1600	18.00	2.40			
048-360	48	62.4	6400	36.00	4.80			
005-400	5	6.5	62	3.75	0.50	0.40	≤ 15	≤ 5
009-400	9	11.7	202	6.75	0.90			
012-400	12	15.6	360	9.00	1.20			
024-400	24	31.2	1440	18.00	2.40			
048-400	48	62.4	5760	36.00	4.80			

Technical Rating

Insulation Resistance	100MΩ (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℃ ~ 105℃	
Relative Humidity	85%(40℃)	IEC 68-2-3 Test Ca
Weight	14.0g	

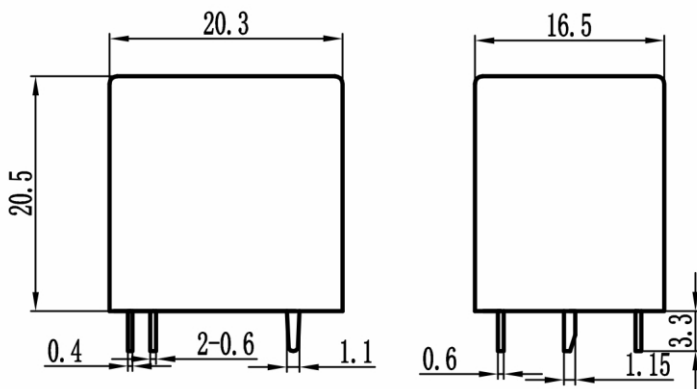
Safety Approval Rating

Approval	CQC	UL	TÜV
Load Rating	NC:10A/250VAC NO:15A/250VAC	20A 277VAC/20A 125VAC/17A 277VAC/TV-8 TV-5	20A 250VAC 16A 250VAC

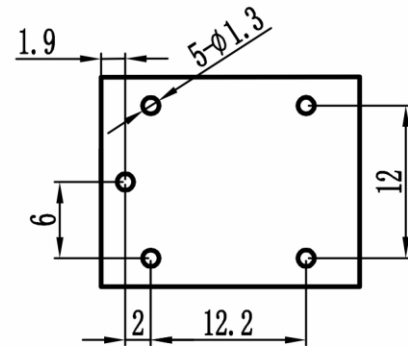
Outline Dimensions, Wiring Diagram And PCB Layout

Unit:mm

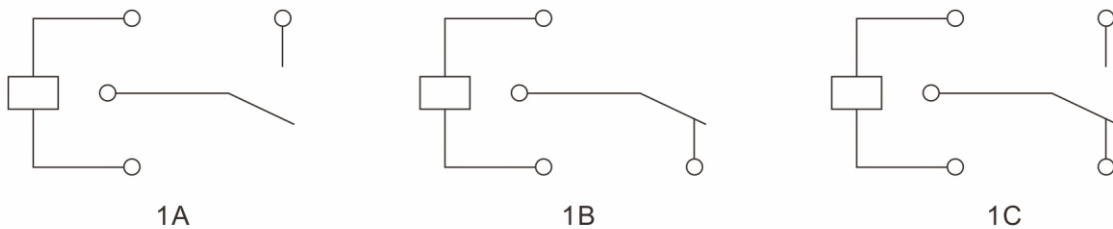
Outline Dimensions



PCB Layout (Bottom View)



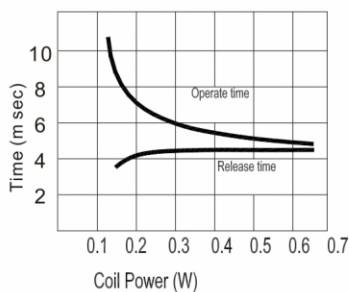
Wiring Diagram(Bottom View)



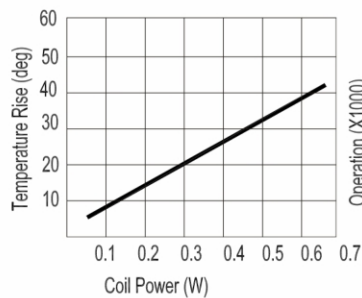
Remarks: (1) In case of no tolerance shown in outline dimension: outline dimension \leq 1mm, tolerance should be \pm 0.2mm; outline dimension $>$ 1mm and \leq 5mm, tolerance should be \pm 0.3mm; outline dimension $>$ 5mm, tolerance should be \pm 0.4mm.
 (2) The tolerance without indicating for PCB layout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

Engineering Data

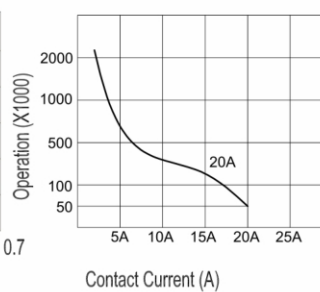
Operation Time



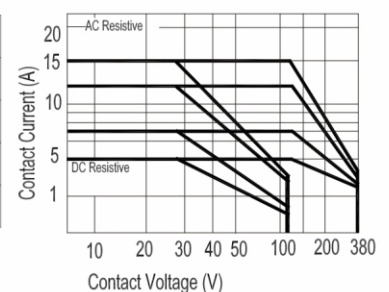
Coil Temp Rise



Life expectancy



Contact switching capacity



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