◆ Feature

- ◇ 16A switching capacity
- ◇ Sealed relay
- ◇ Small size, PCB mounting
- ◇ Withstanding impulse current
- ◇ Excellent electric life and reliability
- ◇ Long service life
- ◇ Environmentally friendly products(Accord RoHS)
- ◇ Drawing： 25.4mm× 20.0mm×10.2mm

Contact Capacity

Type number	WJ32C
Nominal capacity(Resistive load)	16A 277VAC
Max.switching current	16A
Max.switching voltage	277VAC
Max.switching power	5540VA

◆ General Spcification

Contact Material	Silver alloy	
Contact resistance	20mΩ Max.	
Operating time	15ms. Max.	
Releasing time	15ms. Max.	
Insulation Resistance	1,000MΩ Min. (DC500V)	
Dielectric Strength	Contact-contact: 1, 000VAC; 50/60Hz 1min	
	Contact-coil： 4, 000VAC; 50/60Hz 1min	
Creepage distance	1P:500A/10ms;2P:200A/10ms	
Resistance to vibration	10~55Hz, 1.5mm DA	
Resistance to shock	Durability	10G min
	Malfunction	100G min
Service Life	Mechanical life(3600 cycles/Hour)	1,000,000 cycles
	Electrical life(360 cycles/Hour)	50,000 cycles
Ambient temperature	-40℃~+85℃	
Weight		

◆ Coil Data(at 20℃)

L-standard model

Nominal voltage (VDC)	Resistance ±10% (Ω)		Min.Set/Reset voltage (VDC)	Pulse duration (ms)	Power comsumption
	Single coil	Dual coil			
5	25	12.5 12.5	70% nominal voltage	80min	Single/Dual 1.0W/2.0W
6	36	18 18			
9	81	40.5 40.5			
12	144	72 72			
24	576	288 288			
48	2304	1152 1152			

◆ Ordering information

WJ32C	- 0	S	2	05	2	P	-XX

Special Parameter：Nil-Standard type,XX-Customized Requirement

Polarity：R-Reverse polarity, 无-Positive polarity

Contact form: 1-2A, 2-2B, 3-1A+1B

Coil Voltage(VDC): 05, 06, 09, 12, 24, 48

Coil Specification: 1-Single coil, 2-Dual coils

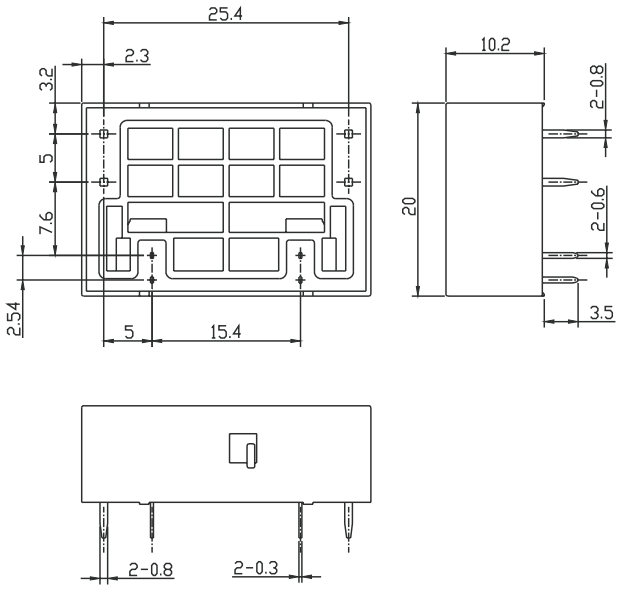
Protective Construction: S-Flux proofed, SH-Sealed type was hable

Outside Construction: 1-Manual switch, 0-No manual switch

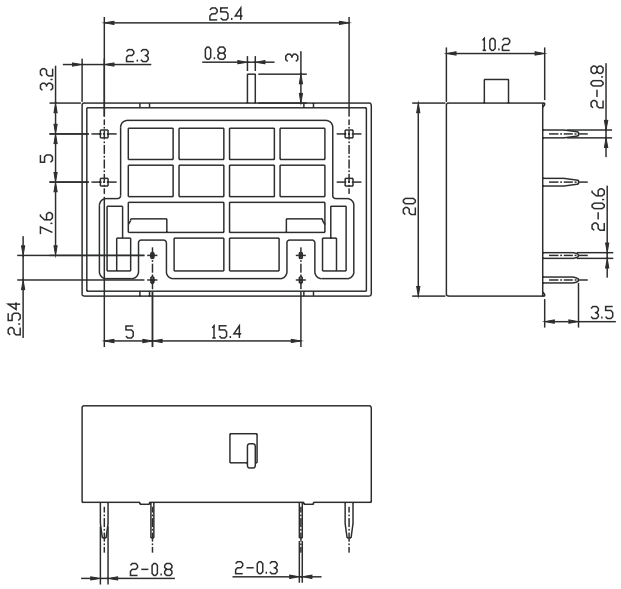
Type Designation :WJ32C

◆ Demension(Unit：mm)

WJ32C



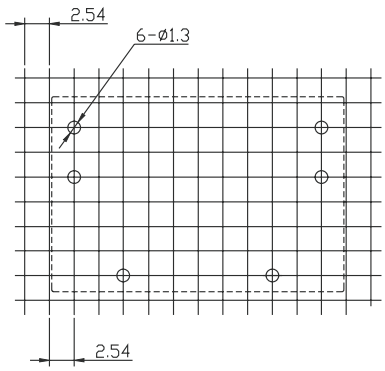
WJ32C-1



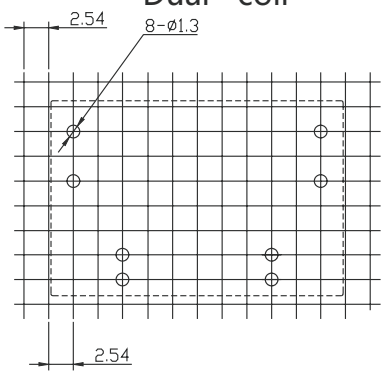
Remark：Unless otherwise specified，
＜1mm：±0.2mm；
1-5mm：±0.3mm；
＞5mm：±0.4mm。

◆ Installation Diagram (Unit：mm)

Single coil



Dual coil

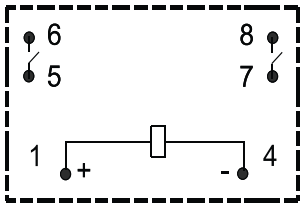


◆ Typical Application

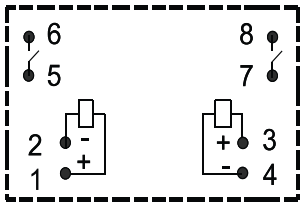
◇ Intelligent switch ◇electric control

◆ Wiring Diagram

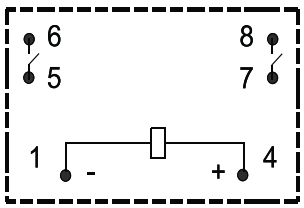
Single coil(face-bonding)



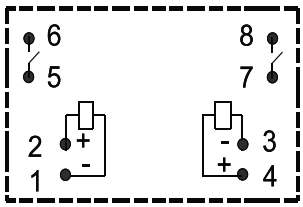
Dual coil(face-bonding)



Single coil(transposition)

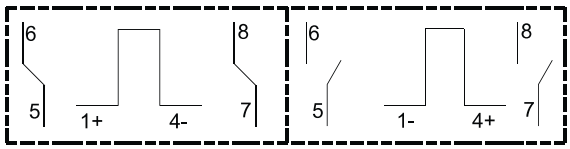


Dual coil(transposition)



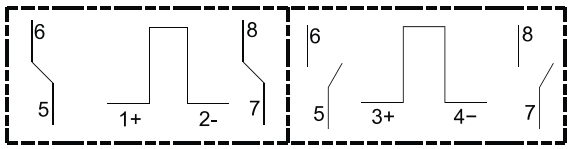
2A

Single coil(face-bonding)



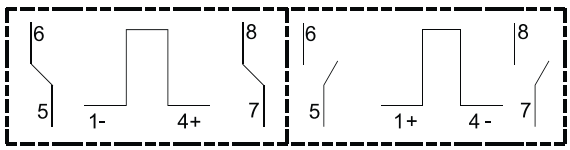
movement reset

Dual coil(face-bonding)



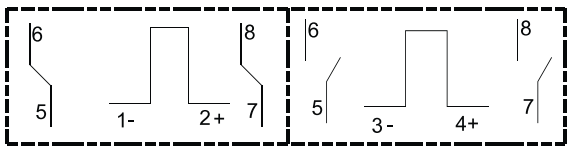
movement reset

Single coil(transposition)



movement reset

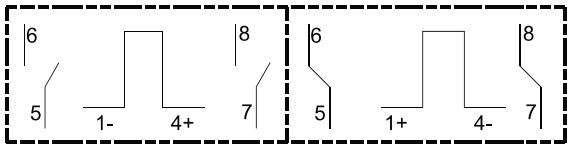
Dual coil(transposition)



movement reset

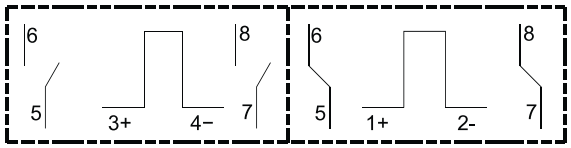
2B

Single coil(face-bonding)



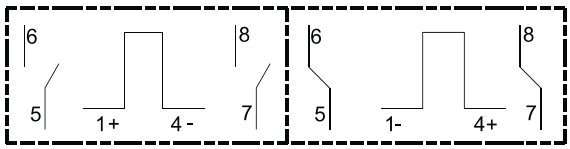
movement reset

Dual coil(face-bonding)



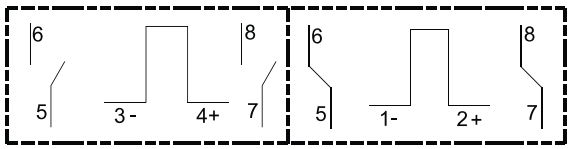
movement reset

Single coil(transposition)



movement reset

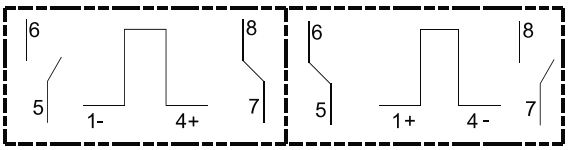
Dual coil(transposition)



movement reset

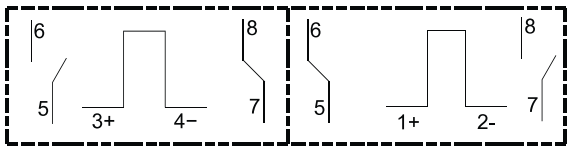
1B+1A

Single coil(face-bonding)



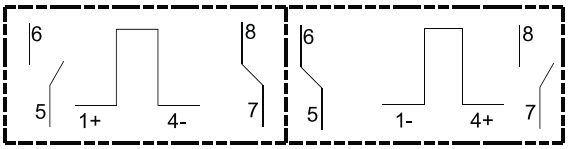
movement reset

Dual coil(face-bonding)



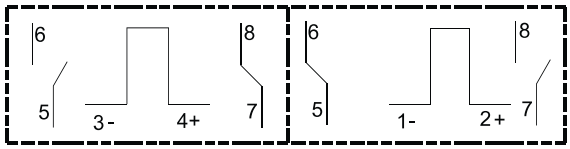
movement reset

Single coil(transposition)



movement reset

Dual coil(transposition)



movement reset

Note: The drawings above is typical terminals, it also can be designed with customer's special terminal requirements.Please contact us if other part needed.

Precautions :

1. The original position of latching relay is "closed" when shipping. It is possible that during transit or installation, the relay may change its state to be "open" position, it is recommended to set the relay in to state needed via apply voltage to the coil.
2. In order to let relay operate normally, the voltage which apply to the coil should reach to the rated voltage, the pulse width should be 50ms to 100ms; Do not energize both coil at the same time on Dual coil or energize the coil for longer than 1 minute.
3. Relay without copper wire, the terminal can not be soldered, bend, and rigid fasten both two terminals;
4. Keep away from corrosive gas and other condition which may damage the relay.