



Product features

- > Load 2Z 7A; 4Z 5A
- > Various specifications, equipped with LED indicator device
- > With mechanical indicator window
- > Plug-in installation

Model Number Structure

Contact form(Riveted contact)

2Z: 2 changeover

3Z: 3 changeover

4Z: 4 changeover

Z: Product type

Type

J: Welding type

L: LED

LD: LED with Built-in diode

Coil voltage

6~200VDC

6~380VAC



Specifications

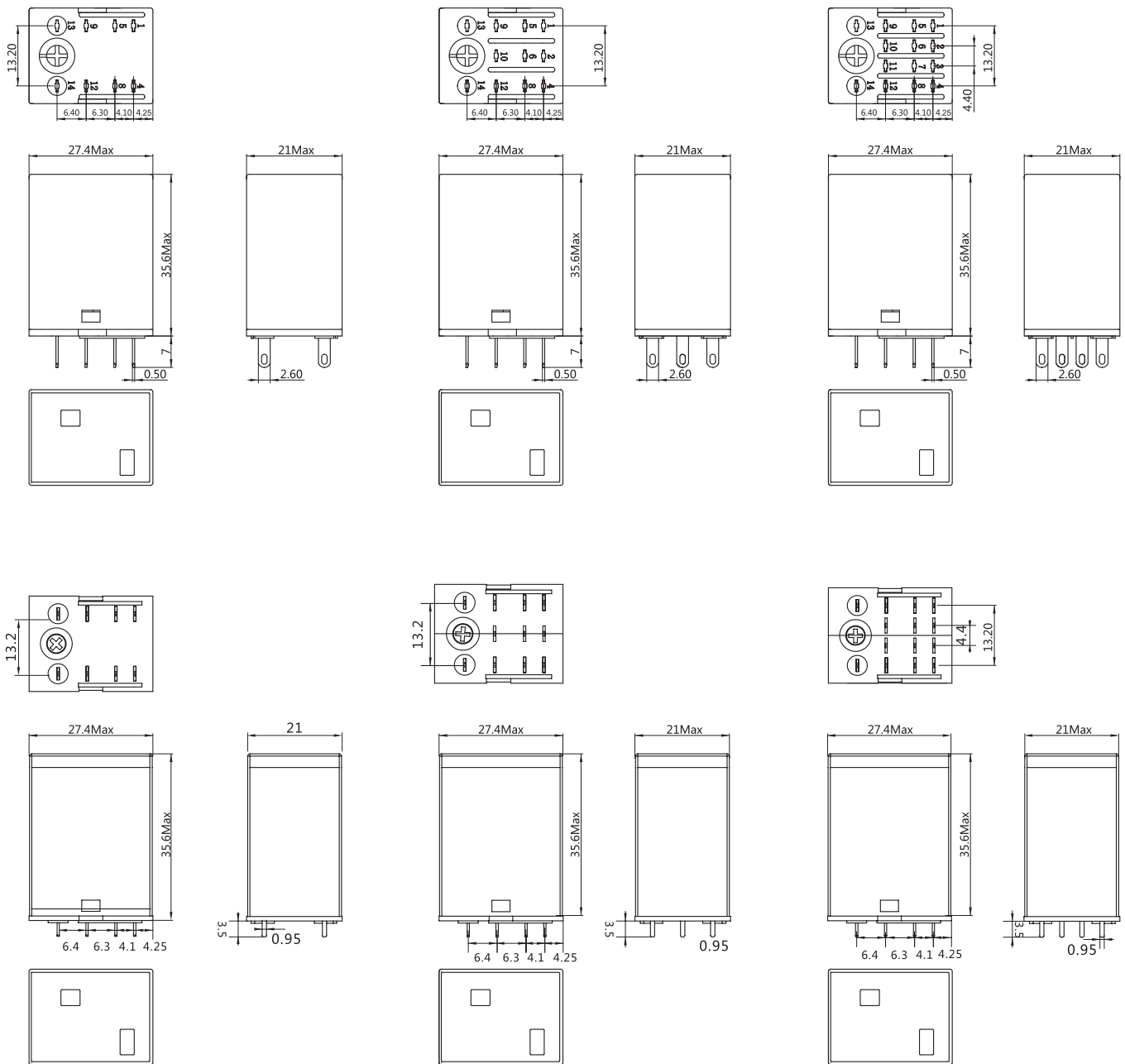
Contact Ratings	Contact form	2Z,3Z	4Z	
	Rated load(Resistive load)	7A / 250VAC, 30VDC	5A / 250VAC, 30VDC	
	Switching power(Resistive load)	2000VA,240W	1250VA,150W	
	Contact resistance(initial)	≤50mΩ		
	Contact materials	Ag alloy		
	Electrical life	1×10 ⁵ cycles		
	Mechanical life	AC:	2×10 ⁷ cycles	
		DC:	5×10 ⁷ cycles	
	Pull-in voltage (23°C)	DC: ≤75% (rated voltage), AC: ≤80% (rated voltage) 50/60Hz (rated voltage)		
	Release voltage (23°C)	DC: ≥10% (rated voltage), AC: ≥30% (rated voltage) 50/60Hz (rated voltage)		
Maximum voltage (23°C)	110% (rated voltage)			
Performance parameter	Coil power consumption	DC(W)	Approx. 0.9	
		AC(VA)	Approx. 1.2	
	Pull-in time (rated voltage)	≤20ms		
	Release time (rated voltage)	AC	≤25ms	
		DC	≤15ms, Built in freewheeling diode type: ≤25ms	
	Insulation resistance	≥1000MΩ(500VDC)		
		Between contacts of same polarity	1000VAC/1min	
		Dielectric Strength	Between contacts of different polarity	2Z: 2000VAC/1min(Leakage current 1mA)
	Between contact and coil		4Z: 1500VAC/1min(Leakage current 1mA)	
	Ambient temperature	-40~70°C		
Ambient humidity	5%~85%RH			
Atmospheric pressure	86~106KPa			
Shock resistance	stability	98m/S ²		
	strength	980m/S ²		
Vibration resistance	10~55Hz double amplitude: 1mm			
Installation mode	Plug-In type			
Packaging form	Dust-proof cover			
Weight	Approx. 32g			

Coil Ratings (23°C)

Rated Voltage V.DC	6	12	24	48	100~110	220
Coil resistance Ω	41	165	662	2725	11440	53780
Rated Voltage V.AC	12	24	48	110~120	220~240	
Coil resistance Ω	45	180	785	4430	15900	

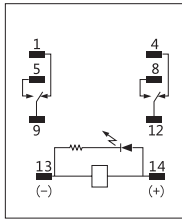
Note: Coil resistance tolerance: Nominal value of coil rated voltage < 110V±10%Ω, ≥ 110V 1±15%Ω.

Dimensions (mm)

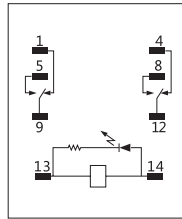


Connecting diagram

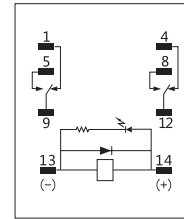
ORU2ZLDC



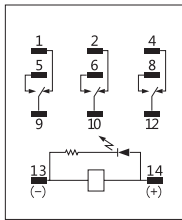
ORU2ZLAC



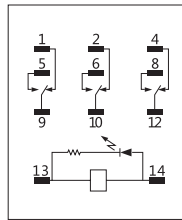
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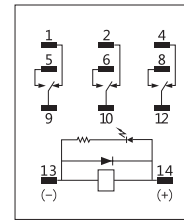
ORU3ZLDC



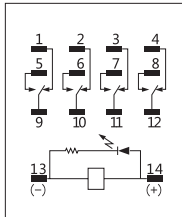
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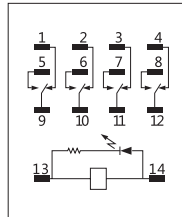
ORU3ZLDC



ORU4ZLDC



ORU4ZLAC



ORU4ZLDC

