

■ DYZ1-25C
SERIES

■ Contactor Data

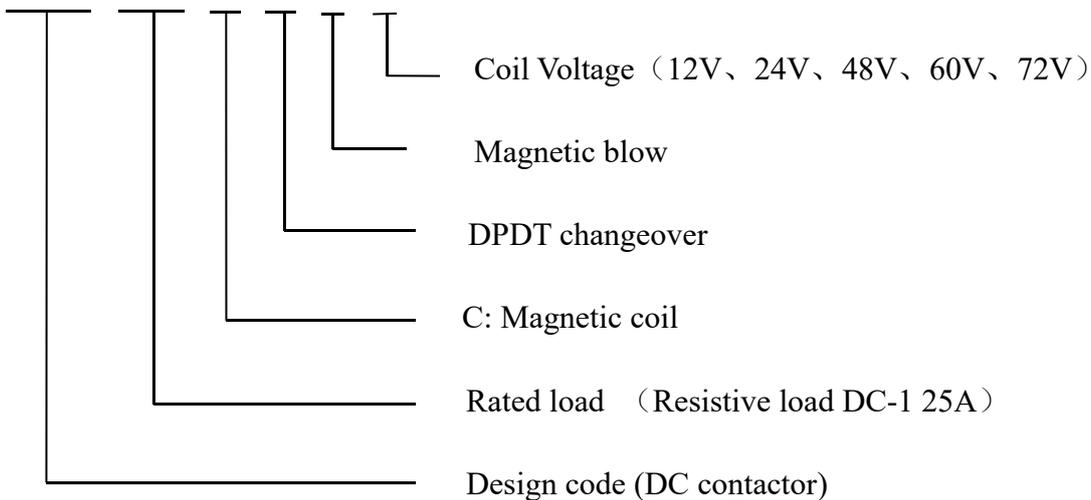
Main Part No.	DYZ1-25C/2ZB□
Contact type	Bi-stable
Rated load current of contact (Resistive load)	25A×410V DC-1
Contact voltage drop	≤40mV@25A
Insulation resistance	Min. 100MΩ at 500VDC
Dielectric strength (Between Insulated Electric Parts)	1500VAC 50 HZ/60 HZ (1 minute) Leak current < 1mA
Vibration	(10~200)HZ、≤3.5g
Shock	(60~100)ops/minute、≤4g
Pollution level	III
Working duty	Continuous

■ Coil Data

Model	Coil voltage	Coil operating voltage (V)	Pick-up voltage (V)	Drop-out voltage (V)	Start power (A)	Coil Power (W)
DYZ1-25C/2ZB□	12V	0.85U _s ~1.1U _s	20%~80%	20%~80%	≤5	50~80
	24V				≤2.5	
	48V				≤1.25	
	60V				≤1	
	72V				≤0.8	

■ Part Numbering System

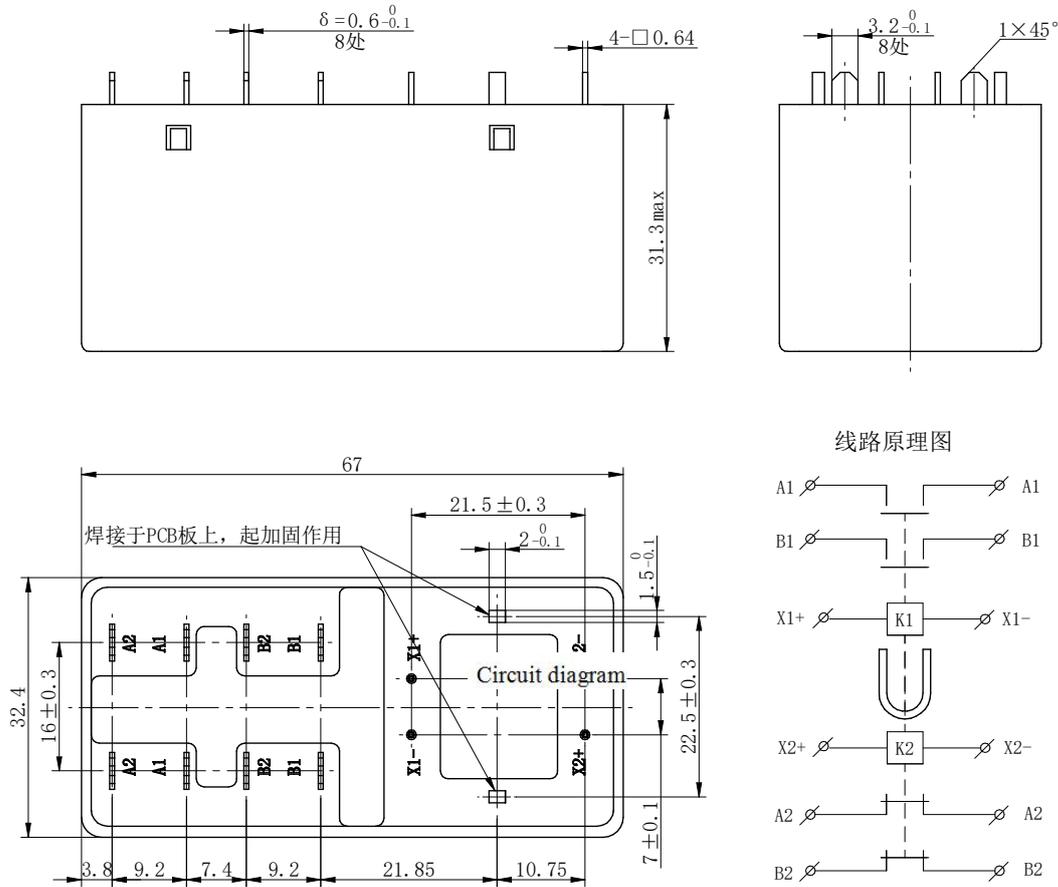
DYZ1 - 25 C / 2Z B .



Example: DYZ1-25C/2ZB24; indicates DPDT changeover Magnetic latching DC contactor, rated current at DC-1 load is 25A, coil voltage is DC24V.Products with magnetic blowing.

■ Shape installation and circuit diagram (Unit: mm)

DYZ1-25C/2ZB□



Dimension (mm)	Tolerance grade not noted (mm)
0~30	±0.3
30~60	±0.5
60~100	±1
大于 100	±2

NOTE:

1. All the leading foot ends are hanging tin;
2. The product coil adopts pulse excitation, and the excitation time is $200\text{ms} \leq T \leq 500\text{ms}$ each time. The coil shall not be continuously energized for long periods, the operating frequency shall not exceed 6 times per minute, and the pulse shall be square wave. When "X1+" and "X1-" are connected to "+" and "X1-" are connected to "-", "A1-A1" and "B1-B1" contacts close, "A2-A2" and "B2-B2" contacts are disconnected. After coil excitation, the contact state of the contactor is maintained by the permanent magnetic steel in the product. When "X2+" and "X2-" connect "+" and "X2-" connect "-", the "A1-A1" and "B1-B1" contacts are disconnected, and the "A2-A2" and "B2-B2" contacts are closed. After the coil is de-excited, the contact state of the contactor is maintained by the permanent magnetic steel in the product.