

# ZJN DC contactor



## ZJN DC contactor

Usage:

ZJN100A、200A series contactors are suitable for electric control system of electromobile, motor forklift truck, especially for the maintenance of vehicles.

Brief Technical Data:

Number	Type and parameter	Coil & rated volt of contact circuit(v)							
		12	24	30	36	40	48	72	80
1	ZJN100A coil hold current ( A )		0.83				1.65		
2	ZJN200A coil hold current ( A )		0.73				1.45		
3	ZJN100A main rated load current of contact circuit ( A )	Resistive load $\tau=1\text{ms}$ , 100A , Inductive load ( DC-5 ) 60% for resistive load Max.Rated working current of contact circuit for 400A , 10ms Max,							
4	ZJN200A main rated load current of contact circuit ( A )	Resistive load $\tau=1\text{ms}$ , 200A , Inductive load ( DC-5 ) 60% for resistive load Max.Rated working current of contact circuit for 800A , 10ms							
5	voltage	50Hz 1000V AC 1min							
6	Operating time	pickup(contact makes) 30ms : release(contact breaks) 30ms							
7	Action characteristic	pickup(contact makes) 66%Us release(contact breaks) 30%Us , 5%Us							
8	Mechanical life	1 million times							

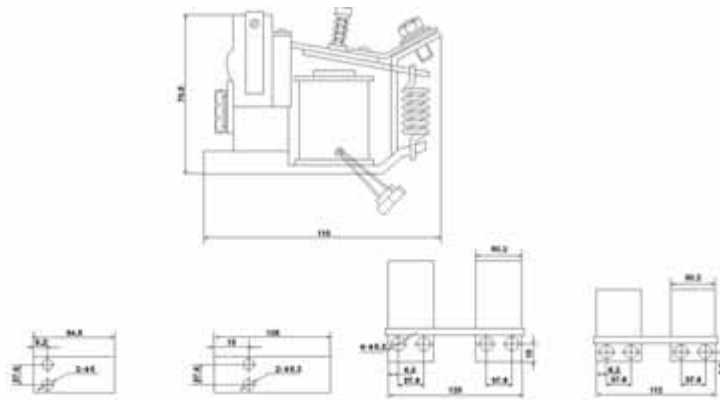
9	Electric life	Resistive load : 50000times Inductive load 60%le for resistive load 20000times
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Specifications subject to change as the custom request

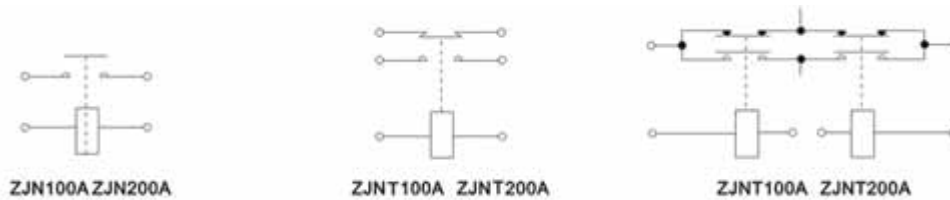
Environmental condition :

1. Ambient temperature : -25~+40
2. Altitude range : 0~2000m
3. Max.relative humidity90% at 25
4. Vibration : 10~50Hz , 10m/s<sup>2</sup>
5. Shock : 30m/s<sup>2</sup>
6. Installation method : anywhere
7. Voltage fluctuating : 0.7~1.1U<sub>e</sub>
8. Duty : 8h continuous

**Configurational mounting diagram:**



**Circuit diagram :**



**Nomination(nomogram):**

