

Contact type	One pair of bridge type moving open (NO) contacts	Instantaneous maxi (closing) current	7Ie,≤1s
Rated voltage of contacts (DC)	≤80V	Insulation resistance(MΩ)	≥100
Rated current of contacts (A)	100	Dielectric withstand voltage	1500V,p.f. 1min, no breakdown
Voltage drop on contacts(mV)	≤80	Electric cycles (10 <sup>4</sup> )	≥2
Coil voltage specification(DC)	12V, 24V, 48V, 72V etc	Mechanical cycles (10 <sup>4</sup> )	≥30
DC power consumption of coil (W)	≤7.0	Temperature rise on outgoing terminal	≤65
Pickup voltage(DC)	≤75%Us	Temperature rise of coil(K)	≤85
Release voltage(DC)	≥5%Us;≤40%Us	Insulation grade of enameled wire	Class B (130°C)
Pickup time(ms)	≤30	Material of contact	AgCuO(10)/Cu
Release time(ms)	≤50	Working duty	Continuous operating duty

Mechanical/Ambient Conditions

Torque of outgoing terminal on contact M6(N.m)	≥4.5N appropriate	Protection grade	IP50
Torque of outgoing terminal on coil M4(N.m)	≥1.2N appropriate	Mounting methods	Freely
Working temperature	(-25~+55)°C	Vibration	Sine shock: 2.5g, (5~50) Hz
Mounting altitude	≤2Km	Impact	50g,11ms(Half sine)

Conversion Table for Coil Specification(20°C)

Voltage(V)	Coil resistance(1±10%)Ω	Voltage(V)	Coil resistance(1±10%)Ω
12	22.5	60	532.8
24	86	72	797.5
48	352	80	984.6