



Coil Data

Nominal Voltage	: 12V DC
Coil Resistance	: Refer to coil data chart
Operate Voltage	: Refer to coil data chart
Release Voltage	: Refer to coil data chart
Coil Power	: 1.5W (12V)

Contact Data

Contact Form	: C-1 form C
Contact Material	: Ag Alloy
Contact Rating	

Type		12V DC Coil Voltage
Rating (Resistive Load)	Contact Rating	NO : 35A 14V DC NC : 20A 14V DC
	85°C Switching Current	NO : 20A (14V DC) NC : 10A (14V DC)

Max. Switching Power	: 490W (12V coil voltage)
Contact Resistance	: 50mΩ (6V DC 1A)

Life

Electrical	: 100,000 operations
Mechanical	: 10,000,000 operations

General Data

Min. Insulation Resistance	: 20MΩ 500V DC
Dielectric Strength	: 500V AC, 1 min between open contacts 500V AC, 1 min between coil and contacts
Max. Operate Time	: 10 ms
Max. Release Time	: 10 ms
Operate Temperature	: -40°C to +85°C

Shock Resistance

Endurance	: 1,000 m/s ²
Mis-operation	: 100 m/s ²

Vibration Resistance

Endurance	: 10-55 Hz, double amplitude 1.5 mm
Mis-operation	: 10-55 Hz, double amplitude 1.5 mm
Weight	: Approximately 18g

Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance Ω ±10%	Shunt-wound Resistance (Ω)	Operate Voltage ≤V DC	Release Voltage ≥V DC	Coil Power mW
12	96	680	7.2	1.2	1,500

