

Features

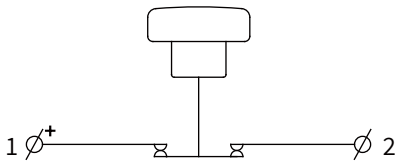
- 1. Continuous 125A load, contact rated voltage $\leq 72V$.
- 2. It has one set of normally closed contact.
- 3. The insulation resistance reaches 100M Ω (500VDC), and the withstand voltage between the load contacts is 1.5kV.
- 4. IP protection level: IP40.
- 5. Compliant with IEC 60664-1, GB/T14048.1 and GB/T14048.4 requirements.
- 6. Compliant with RoHS (2015/863/EU) and REACH (1907/2006/EC) requirements.
- 7. Safety certificate: CE, RoHS.



Performance Parameters (at23°C)

Contact Arrangement		1B (1NC)
Contact Resistance		$\leq 0.5m\Omega$
Contact Voltage Drop		$\leq 80mV$ (at 100A)
Overload Current		$\leq 7I_e, \geq 1s$
Temperature		-40°C~85°C
Load Terminal		M8 Internal Thread
Vibration		2.5g,5-50Hz,1/2 Sine Wave (Power On)
Relative Humidity		5%-95%RH
Dimension		55.5x43.5x110mm
Operating Duty		Continuous
Electrical Durability with Load (Resistive)		$\geq 6,000$ Times
Closing Pulling Force		$20N \leq F_1 \leq 50N$
Disconnecting Pushing Force		$20N \leq F_2 \leq 50N$
Normal Closing Time		$\leq 100ms$
Normal Disconnecting Time		$\leq 50ms$
Dielectric Strength Between Main Contacts		50Hz/60Hz 1500VAC/1min
Insulation Resistance	Initial State	100M Ω 1min
	After Electrical Life	50M Ω 1min
Shock	Stability	20g (Power On)
	Strength	50g
Mechanical Durability		$\geq 50,000$ Times
Mounting Screw Torque M5		3-4N.m
Load Wiring Torque M8		8-10N.m

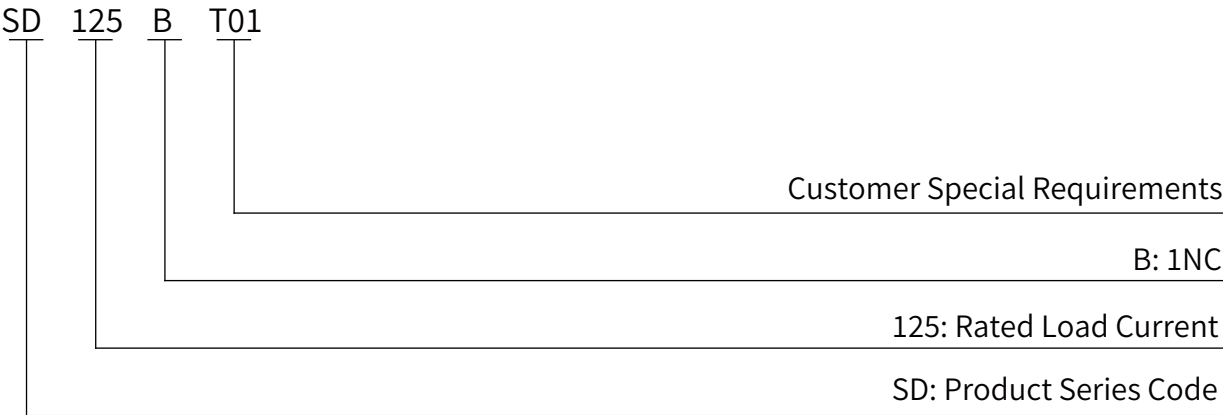
Wiring Diagram



1,2 Contact Terminals

Wiring Diagram

Model Coding



Outline Installation Dimension Drawing

