

## ISTEK C111-200B Contactor Specifications

### ● General

This model of contactor has a set of double make contacts (Normally Close) with rated current up to 200A.

### ● Environment of Operations

**Temperature:**  $-60 \sim 70^{\circ}\text{C}$ ; **Relative Humidity:** 98% at  $40^{\circ}\text{C}$ ; **Low Pressure:** 2.5kPa  
**Vibration:**  $98\text{m/s}^2$ , 5~200Hz; **Impact:**  $98\text{m/s}^2$ ; **Acceleration:**  $78.4\text{m/s}^2$

### ● Main Technical Data

Coil Power Consumption (W): $\leq 5.3$ (Stable)	Range of Contact Rated Load: 20~200A 0~110Vdc 0~220Vac
Contact Type: 1 Double Make	
Contact Resistance: Initial $\leq 50$ (m $\Omega$ ) Post Life Test $\leq 200$	
Insulation Resistance (M $\Omega$ ): Normal Conditions $\geq 100$ ; High humidity and post life $\geq 10$	Max Switching Load (Resistive): 9600W, 23000VA
Dielectric Strength: Normal Pressure 1500 (Vr.m.s., 50Hz); Low Pressure 350	Contact Life Times - Rated Load: 200A, 48Vd.c., $6 \times 10^3$ times 200A, 115Va.c., 400Hz, $6 \times 10^3$ times 100A, 220Va.c., 50Hz, $6 \times 10^3$ times
Pick-up time (ms): $\leq 35$	
Release time (ms): $\leq 20$	Weight (g): $\leq 520$

### ● Coil Parameters

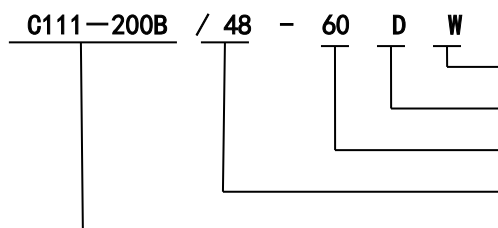
Spec No.	Coil Voltage		25 $^{\circ}\text{C}$					Vdc		
	Rated	Max	Resistance $\pm 10\% \Omega$		Act Voltage max	Keep Voltage max	Release Voltage min	Act max	Keep max	Release min
			Sustain	Start						
048	48	53.0	420.0	28.0	33.6	14.4	4.8	38.4	24.0	2.4

**Note:** Don't test coil resistance on finished product - provided here for reference only.

### ● Standards met

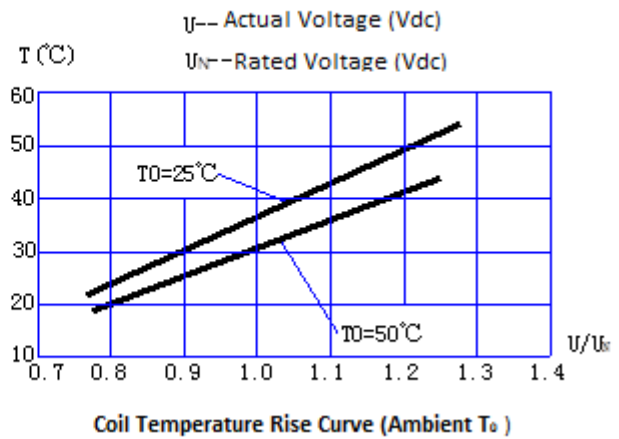
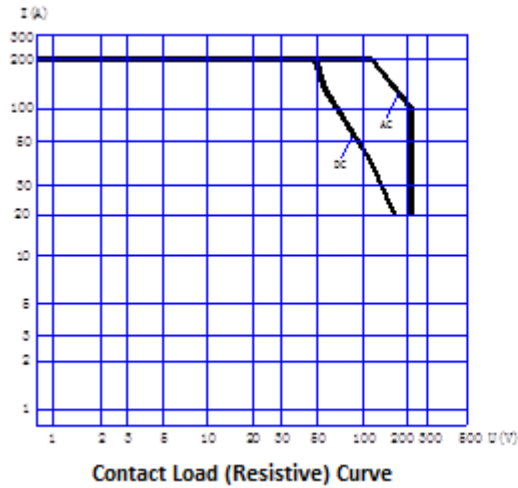
- GB14048.4-2003/IEC60947-4-1:2000 《Low Voltage Switchgear and Control Equipment》  
《Electromechanical Contactors and Motor Starters》;
- Company Standard: Q/RJ177-2007; 3. RoHS Compliant

### ● Product Mark (Example)



W: Curved Install Plate; Z: Straight Install Plate  
D: Single Coil (S: Double Coil)  
Contact Voltage (48Vdc; 60Vdc; 72Vdc...)  
Coil Voltage (12Vdc; 24Vdc; 48Vdc; 60Vdc; 72Vdc)  
Contactor Model (B-Normal Close; H-Normal Open)

● Contact Load and Coil Temperature Rise Curves



● Outline Dimension and Installation/Connection Diagram

