

Product Specification

Number: L-KLS10-CD60-201M250V

Name: Capacitors

Customer: _____

Date: 2026-04-10

Customer Signature:



NINGBO KLS ELECTRONIC CO; LTD

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INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.

Compi	Check	Review	Approva
Jenny	Jack.C		

SPECIFICATION

Products Series: Motor Starting Capacitor (CD60)

Products specification: 250VAC 200 μ F

Products Size: ϕ 50 \times 10 mm

Test Result	
Approval Signatures	

Designed	Approved	Date

1. Applicable scope

The capacitors offered by KLS. is applied to supply the leading current to motor auxiliary winding, and switched off from the circuit when the motor is running.

2. Normal service conditions

2.1 altitude: not exceeding 2 000 m.

2.2 Operating temperature: Between -40°C to $+100^{\circ}\text{C}$

2.3 damp and heat severity: 10 days.

3. Preferred capacitance deviation: $\pm 10\%$.

4. over load

4.1 Maximum Permissible Voltage

The maximum permissible voltage measured at the terminals during the starting period up to the instant at which the capacitor is switched out of the circuit shall not exceed $1.2U_n$

4.2 Maximum Permissible Current

Capacitors shall be suitable for operation at an r.m.s current not exceeding 1.3 times the current which occurs at rated sinusoidal voltage and rated frequency excluding transients

4.3 The maximum Permissible reactive output

The overload resulting from operation at voltage and current exceeding the rated values shall not exceed 1.35 times the rated output

5. Capacitor drawing

Capacitors shall totally meet the product's drawing

6. The company's capacitors meet the requirements shown in below index table which is according to the related provisions of UL810 and EN 60252-2.

7. General characteristics

ITEM	Test Content
Part No	AC Motor Starting Capacitor(CD60)
Rated capacity(μF)	200 μF
Rated voltage(VAC)	250VAC
Rated Frequency	50/60Hz
Rated current:	27.5A
Capacitance change(%)	$\pm 10\%$ ($20^{\circ}\text{C}, 100\text{Hz}$)
Operating temperature range($^{\circ}\text{C}$)	$-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$
Dissipation factor($\text{tg}\delta$)	≤ 0.15
Over-Voltage	Capacitors are capable of withstanding the application of 120% of rated voltage AC rms 60Hz. for two seconds at room temperature conditions without break down or visible damage.
Case Insulation	Capacitors are capable of withstanding the application of 2,000 Volts AC rms 60Hz. for 10 seconds between the terminals and a metal foil tightly surrounding the surface of the plastic case without breakdown.
Applicable Standard	UL810、EN60252-2
damp and heat severity	10 days

8. Capacitor size

Capacitor specifications	ϕ	H	terminal
CD60-200 μ F/250VAC	50	100	

9. MARKING

Trademark names: KLS

Product type: Motor Starting Capacitor (CD60)

Capacitance: 200 μ F \pm 10%

Rated voltage: 250VAC

Duty-cycle duration:1.67/1%

Rated Frequency: 50/60Hz

Durability:electrify one second in every minute,

One second at a time ,lasts for 30000times

Certification marks: UL、TUV、CE

Climatic category: 10/55/10

Applicable Standard:

Date of manufacture: 2025.××