

# Product datasheet

Specifications



## TeSys K contactor - 3P - AC-3 <= 440 V 6 A - 1 NC aux. - 380...400 V AC coil

LC1K06015Q7

⚠ Discontinued on: 10 Oct 2020

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EAN Code: 3389110488319

## Main

Range of product	TeSys K
Range	TeSys
Product or component type	Contacteur
Contacteur application	Motor control
Utilisation category	AC-3 AC-4
Poles description	3P
Pole contact composition	3 NO
[Ie] rated operational current	6 A at <= 440 V AC AC-3 for power circuit
Auxiliary contact composition	1 NC

## Complementary

Control circuit type	AC at 50/60 Hz
Motor power kW	1.5 kW at 220...230 V AC 50/60 Hz AC-3 2.2 kW at 380...415 V AC 50/60 Hz AC-3 3 kW at 440/690 V AC 50/60 Hz AC-3 1.5 kW at 220...230 V AC 50/60 Hz AC-3e 2.2 kW at 380...415 V AC 50/60 Hz AC-3e 3 kW at 440/690 V AC 50/60 Hz AC-3e 1.5 kW at 400 V AC 50/60 Hz AC-4
Auxiliary contacts type	type instantaneous 1 NC
[Uc] control circuit voltage	380...400 V AC 50/60 Hz
Control circuit voltage limits	Operational: 0.8...1.15 U <sub>c</sub> (at <50 °C) Drop-out: 0.2...0.75 U <sub>c</sub> (at <50 °C)
Overvoltage category	III
Standards	EN/IEC 60947-4-1 GB/T 14048.4 UL 60947-4-1 CSA C22.2 No 60947-4-1 JIS C8201-4-1
Protective treatment	TC conforming to IEC 60068 TC conforming to DIN 50016
Flame retardance	V1 conforming to UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102
Connections - terminals	Solder pins - busbar cross section: 1.5 x 0.9 mm
[I <sub>th</sub> ] conventional free air thermal current	20 A (at 50 °C) for power circuit 10 A (at 50 °C) for signalling circuit

<b>Rms rated making capacity</b>	110 A AC for power circuit conforming to NF C 63-110 110 A AC for power circuit conforming to IEC 60947 110 A AC for signalling circuit conforming to IEC 60947
<b>Rated breaking capacity</b>	110 A at 415 V conforming to IEC 60947 110 A at 440 V conforming to IEC 60947 80 A at 500 V conforming to IEC 60947 110 A at 220...230 V conforming to IEC 60947 110 A at 380...400 V conforming to IEC 60947 70 A at 660...690 V conforming to IEC 60947
<b>Associated fuse rating</b>	25 A gG at <= 440 V for power circuit 25 A aM for power circuit 10 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 0660
<b>Average impedance</b>	3 mOhm - lth 20 A 50 Hz for power circuit
<b>Inrush power in VA</b>	30 VA (at 20 °C)
<b>Hold-in power consumption in VA</b>	4.5 VA (at 20 °C)
<b>Heat dissipation</b>	1.3 W
<b>Operating time</b>	10...20 ms coil de-energisation and NO opening 10...20 ms coil energisation and NO closing
<b>Safety reliability level</b>	B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1
<b>Maximum operating rate</b>	3600 cyc/h
<b>Minimum switching current</b>	5 mA for signalling circuit
<b>Minimum switching voltage</b>	17 V for signalling circuit
<b>Insulation resistance</b>	> 10 MOhm for signalling circuit

## Environment

<b>Product certifications</b>	CB Scheme CCC UL CSA EAC CE UKCA
<b>Operating altitude</b>	2000 m without derating

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.8 cm
<b>Package 1 Width</b>	6.2 cm
<b>Package 1 Length</b>	6.6 cm
<b>Package 1 Weight</b>	210 g

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

EU RoHS Directive

[Compliant](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins