Product data sheet





TeSys

Contactor, TeSys K, 3P, AC-3, It or eq to 440V 9A, 1 NO aux., 230 to 240VAC coil

LC1K0910U7

Product availability: Stock - Normally stocked in distribution facility

Price*: 75.00 USD

Main Range

Product or Component Type	Contactor		
Device Application	Control		
contactor application	Resistive load Motor control		
Complementary			
Utilisation category	AC-3		
	AC-3e		
	AC-1		
	AC-4		
poles description	3P		
power pole contact composition	3 NO		
[Ue] rated operational voltage	Power circuit <= 690 V AC <= 400 Hz		
	Signalling circuit <= 690 V AC <= 400 Hz		
[le] rated operational current	9 A (at <140 °F (60 °C)) at <= 440 V AC AC-3 for power circuit		
	9 A (at <140 °F (60 °C)) at <= 440 V AC AC-3e for power circuit		
	20 A (at <140 °F (60 °C)) at <= 690 V AC AC-1 for power circuit		
Control circuit type	AC 50/60 Hz		
[Uc] control circuit voltage	230240 V AC 50/60 Hz		
Motor power kW	2.2 kW 220230 V AC 50/60 Hz AC-3		
	4 kW 380415 V AC 50/60 Hz AC-3		
	4 kW 440/690 V AC 50/60 Hz AC-3		
	2.2 kW 220230 V AC 50/60 Hz AC-3e		
	4 kW 380415 V AC 50/60 Hz AC-3e		
	4 kW 440/690 V AC 50/60 Hz AC-3e		
	2.2 kW 220230 V AC 50/60 Hz AC-4 4 kW 380415 V AC 50/60 Hz AC-4		
	4 kW 440/690 V AC 50/60 Hz AC-4		
Auxiliary contact composition	1 NO		
[Uimp] rated impulse withstand 8 kV voltage			
Overvoltage category	III		
[Ith] conventional free air thermal	20 A (at 140 °F (60 °C)) for power circuit		
current	10 A (at 122 °F (50 °C)) for signalling circuit		
Irms rated making capacity	110 A AC for power circuit conforming to IEC 60947		
	110 A AC for cignalling circuit conforming to IEC 60047		

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

110 A AC for signalling circuit conforming to IEC 60947

110 A at 380.400 V conforming to IEC 60947 110 A at 415 V conforming to IEC 60947 110 A at 440 V conforming to IEC 60947 110 A at 440 V conforming to IEC 60947 110 A at 460 V conforming to IEC 60947 110 A at 460 V conforming to IEC 60947 110 A at 460 V conforming to IEC 60947 110 A at 460 V conforming to IEC 60947 110 A at 460 V conforming to IEC 60947 110 A at 680690 V conforming to IEC 60947 110 A at 680690 V conforming to IEC 60947 110 A 122 °F (60 °C) - 15 for power circuit 110 A 122 °F (60 °C) - 30 for power circuit 110 A 122 °F (60 °C) - 30 for power circuit 110 A 122 °F (60 °C) - 30 for power circuit 110 A 122 °F (60 °C) - 30 for power circuit 110 A 102 °F (60 °C) - 30 for power circuit 110 A 102 °F (60 °C) - 30 for power circuit 110 A 102 °F (60 °C) - 30 for power circuit 110 A - 100 ran for signalling circuit 110 A - 100 ran for					
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110 A at 440 V conforming to IEC 60947 70 A at 690 A at 500 V conforming to IEC 60947 70 A at 6800990 V conforming to IEC 60947 70 A at 6800990 V conforming to IEC 60947 70 A at 6800990 V conforming to IEC 60947 70 A at 6800990 V conforming to IEC 60947 70 A at 6800990 V conforming to IEC 60947 70 A at 6800990 V conforming to IEC 60947 70 A at 690990 A 122 ° F (30° C) - 1 as for power circuit 85 A 122 ° F (30° C) - 30 s for power circuit 85 A 122 ° F (30° C) - 30 s for power circuit 45 A 122 ° F (30° C) - 30 s for power circuit 45 A 122 ° F (30° C) - 30 s for power circuit 45 A 122 ° F (30° C) - 30 s for power circuit 85 A 122 ° F (30° C) - 30 s for power circuit 86 A 122 ° F (30° C) - 30 s for power circuit 190 A 122 ° F (30° C) - 30 s for power circuit 190 A 50° A 500 ms for signalling circuit 190 A 50° A 500 ms for signalling circuit 190 A 50° A 50° A 120° A		· · · · · · · · · · · · · · · · · · ·			
70 A at 860980 V conforming to IEC 60947		g .			
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Insulation resistance > 10 MOhm for signalling circuit	Average impedance				
Inrush power in VA		3 mOhm - Ith 20 A 50 Hz for power circuit			
Hold-in power consumption in VA		> 10 MOhm for signalling circuit			
Control circuit voltage limits	Inrush power in VA	30 VA (at 68 °F (20 °C))			
Control circuit voltage limits Operational: 0.81.15 Uc (at <122 °F (50 °C))	Hold-in power consumption in VA	4.5 VA (at 68 °F (20 °C))			
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1020 ms coil energisation and NO closing	Minimum switching voltage	17 V for signalling circuit			
1020 ms coil energisation and NO closing	Operating time	1020 ms coil de-energisation and NO opening			
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Height 2.3 in (58 mm)		Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6			
		Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6			
Width 1.8 in (45 mm)	Height	2.3 in (58 mm)			
	Width	1.8 in (45 mm)			

Depth 2.2 in (57 mm)

Environment

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 IEC 60335-1:Clause 30.2 IEC 60335-2-40:Annex JJ UL 60335-2-40:Annex JJ		
Product Certifications	CB Scheme CCC UL CSA EAC CE		
Protective treatment	TC IEC 60068 TC DIN 50016		
Operating altitude	6561.68 ft (2000 m) without derating		
Flame retardance	V1 conforming to UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102		

Ordering and shipping details

Category	US10I1222326
Discount Schedule	0112
GTIN	3389110490343
Returnability	Yes
Country of origin	SG

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.559 in (6.500 cm)
Package 1 Width	2.441 in (6.200 cm)
Package 1 Length	1.890 in (4.800 cm)
Package 1 Weight	6.243 oz (177.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	20.653 lb(US) (9.368 kg)

Contractual warranty

Warranty	18 months		
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Sustainability Screen Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >







Sustainable Packaging Transparency RoHS/REACh

Resource performance



Sustainable Packaging

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation

Eu Rohs Directive

Compliant

EU RoHS Declaration

China Rohs Regulation

China Rohs declaration

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

Product Environmental Profile

Weee

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

Circularity Profile

End of Life Information

WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov