Product data sheet

Specifications

Non differential thermal overload relays, TeSys K, 12 to 16A, class 10A

LR7K0322

⚠ Discontinued on: Oct 8, 2021

⚠ **Discontinued**

Main

Range	TeSys
Product name	TeSys LRK
Product or Component Type	Non differential thermal overload relay
Device short name	LR7K
Relay application	Motor protection
Product Compatibility	LC7K LP1K LC1K LP4K
Network type	AC DC
Thermal overload class	Class 10A IEC 60947-4-1
Thermal protection adjustment range	12…16 A
[Ui] rated insulation voltage	Power circuit 690 V BS 4941 Power circuit 690 V IEC 60947 Power circuit 750 V VDE 0110 group C Power circuit 600 V CSA C22.2 No 14

Complementary

Network Frequency	<= 400 Hz
Mounting support	Under contactor Plate, with specific accessories Rail, with specific accessories
Auxiliary contact composition	1 NO + 1 NC
[Ith] conventional free air thermal current	6 A signalling circuit
[Ue] rated operational voltage	<= 690 V power circuit 690 V AC AC-15 signalling circuit 250 V DC DC-13 signalling circuit
Associated fuse rating	6 A gG for signalling circuit conforming to VDE 0660 6 A gG for signalling circuit conforming to IEC 60947
[Uimp] rated impulse withstand voltage	6 kV
Power dissipation per pole	2 W
Local signalling	Trip indicator Yellow)
Control type	Red push-button trip test function Blue push-button stop and manual reset selector switch manual or automatic reset

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

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Connections - terminals	screw clamp terminals 1 0.002…0.006 in² (1.5…4 mm²)solid
	screw clamp terminals 2 0.002…0.006 in² (1.5…4 mm²)solid
	screw clamp terminals 1 0.001…0.006 in² (0.75…4 mm²)flexible without cable end
	screw clamp terminals 2 0.001…0.006 in² (0.75…4 mm²)flexible without cable end
	screw clamp terminals 1 0.0005…0.004 in² (0.34…2.5 mm²)flexible with cable end
	screw clamp terminals 2 0.0005…0.002 in² (0.34…1.5 mm²)flexible with cable end
Tightening torque	11.5 lbf.in (1.3 N.m) screw clamp terminals Philips No 2
	11.5 lbf.in (1.3 N.m) screw clamp terminals flat Ø 6 mm
Height	2.3 in (58 mm)
Width	1.8 in (45 mm)
Depth	2.6 in (65 mm)
Net Weight	0.320 lb(US) (0.145 kg)

Environment

Standards	NF C 63-650
	VDE 0660
	BS 4941
	IEC 60947
Product Certifications	UL
	CSA
Protective treatment	TC IEC 60068
	TC DIN 50016
IP degree of protection	IP2X conforming to IEC 60529
Ambient air temperature for operation	-4…131 °F (-20…55 °C) without derating IEC 60947
	-22…140 °F (-30…60 °C) with derating IEC 60947
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Operating altitude	6561.68 ft (2000 m) without derating
Fire resistance	1562 °F (850 °C) IEC 60695-2-1
Flame retardance	V1 conforming to UL 94
	Requirement 2 conforming to NF F 16-101
	Requirement 2 conforming to NF F 16-102
Mechanical robustness	Shocks NO contact10 Gn for 11 ms IEC 60068-2-27
	Shocks NC contact10 Gn for 11 ms IEC 60068-2-27
	Vibrations NO contact2 Gn, 5...300 Hz IEC 60068-2-6
	Vibrations NC contact2 Gn, 5...300 Hz IEC 60068-2-6

Ordering and shipping details

Category	22314-**OBS**CTR,D-LINE,OVERLOADS
Discount Schedule	I12
GTIN	3389110705997
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.2 in (8.2 cm)
Package 1 Width	2.8 in (7.2 cm)
Package 1 Length	1.9 in (4.8 cm)
Package 1 Weight	5.4 oz (153 g)

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Contractual warranty

Warranty   18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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 ›

RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Eu Rohs Directive   Compliant

EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information.

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

California Proposition 65   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