# Product data sheet

Specifications





## Differential thermal overload relays, TeSys K, 0.23 to 0.36A, class 10A

LR2K0303

Product availability: Stock - Normally stocked in distribution facility

#### Price\*: 59.00 USD

### Main

Range	TeSys	
Product Name	TeSys LRK	
Product Or Component Type	Differential thermal overload relay	
Device Short Name	LR2K	
Relay Application	Motor protection	
Product Compatibility	LC7K LC1K LP1K LP4K	
Network Type	AC DC	
Thermal Overload Class	Class 10A IEC 60947-4-1	
Thermal Protection Adjustment Range	0.230.36 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
Phase Failure Sensitivity	Yes IEC 60947-4-1
Local Signalling	Trip indicator Yellow)

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

Control Type	Ded puck button trip test function	
	Red push-button trip test function	
	Blue push-button stop and manual reset	
	selector switch manual or automatic reset	
Connections - Terminals	screw clamp terminals 1 0.000.01 in <sup>2</sup> (1.54 mm <sup>2</sup> )solid	
	screw clamp terminals 2 0.000.01 in <sup>2</sup> (1.54 mm <sup>2</sup> )solid	
	screw clamp terminals 1 0.000.01 in <sup>2</sup> (0.754 mm <sup>2</sup> )flexible without cable end	
	screw clamp terminals 2 0.000.01 in <sup>2</sup> (0.754 mm <sup>2</sup> )flexible without cable end	
	screw clamp terminals 1 0.000.00 in <sup>2</sup> (0.342.5 mm <sup>2</sup> )flexible with cable end	
	screw clamp terminals 2 0.000.00 in² (0.341.5 mm²)flexible with cable end	
Tightening Torque	11.51 lbf.in (1.3 N.m) screw clamp terminals Philips No 2	
	11.51 lbf.in (1.3 N.m) screw clamp terminals flat Ø 6 mm	
	11.51 lbf.in (1.3 N.m) screw clamp terminals pozidriv No 2	
Height	2.28 in (58 mm)	
Width	1.77 in (45 mm)	
Depth	2.56 in (65 mm)	
Net Weight	0.32 lb(US) (0.145 kg)	

### Environment

Standards	NF C 63-650 IEC 60947 VDE 0660 BS 4941	
Product Certifications	UL CSA UKCA	
Protective Treatment	TC IEC 60068 TC DIN 50016	
Ip Degree Of Protection	IP2X conforming to IEC 60529	
Ambient Air Temperature For Operation	-4131 °F (-2055 °C) without derating IEC 60947 -22140 °F (-3060 °C) with derating IEC 60947	
Ambient Air Temperature For Storage	-40158 °F (-4070 °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, 5300 Hz IEC 60068-2-6 Vibrations NC contact2 Gn, 5300 Hz IEC 60068-2-6	

# Ordering and shipping details

Category	US10I1222324	
Discount Schedule	0112	
Gtin	3389110230376	
Returnability	Yes	
Country Of Origin	CZ	

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.97 in (5.000 cm)

Package 1 Width	2.76 in (7.000 cm)	
Package 1 Length	3.35 in (8.500 cm)	
Package 1 Weight	5.50 oz (156.000 g)	
Unit Type Of Package 2	\$02	
Number Of Units In Package 2	41	
Package 2 Height	5.91 in (15.000 cm)	
Package 2 Width	11.81 in (30.000 cm)	
Package 2 Length	15.75 in (40.000 cm)	
Package 2 Weight	14.62 lb(US) (6.631 kg)	
Unit Type Of Package 3	P06	
Number Of Units In Package 3	656	
Package 3 Height	29.53 in (75.000 cm)	
Package 3 Width	31.50 in (80.000 cm)	
Package 3 Length	23.62 in (60.000 cm)	
Package 3 Weight	251.54 lb(US) (114.096 kg)	

### **Contractual warranty**

Warranty

18 months

# Sustainability Screen Premium

**Green Premium<sup>TM</sup> 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-CO<sub>2</sub> products.

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

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Mercury Free

Rohs Exemption Information

### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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
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