Product datasheet

Specification





TeSys K - differential thermal overload relays - 0.36...0.54 A - class 10A

LR2K0304

Price: 49,655.46 NGN

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	LP1K LC7K LP4K LC1K
Network Type	AC DC
Thermal Overload Class	Class 10A conforming to IEC 60947-4-1
Thermal Protection Adjustment Range	0.360.54 A
[Ui] Rated Insulation Voltage	Power circuit: 690 V conforming to BS 4941 Power circuit: 690 V conforming to IEC 60947 Power circuit: 750 V conforming to VDE 0110 group C Power circuit: 600 V conforming to 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 for signalling circuit
[Ue] Rated Operational Voltage	<= 690 V for power circuit
	690 V AC AC-15 for signalling circuit
	250 V DC DC-13 for 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 conforming to IEC 60947-4-1
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

Screw clamp terminals 1 cable(s) 1.54 mm²solid Screw clamp terminals 2 cable(s) 1.54 mm²solid Screw clamp terminals 1 cable(s) 0.754 mm²flexible without cable end Screw clamp terminals 2 cable(s) 0.754 mm²flexible without cable end Screw clamp terminals 1 cable(s) 0.342.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 0.341.5 mm²flexible with cable end
1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2 1.3 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm 1.3 N.m - on screw clamp terminals - with screwdriver pozidriv No 2
58 mm
45 mm
65 mm
0.145 kg

Environment

Standards	IEC 60947	
	NF C 63-650	
	VDE 0660	
	BS 4941	
	DO 4941	
Product Certifications	UL	
	CSA	
	UKCA	
	ONOA	
Protective Treatment	TC conforming to IEC 60068	
	TC conforming to DIN 50016	
	<u> </u>	
Ip Degree Of Protection	IP2X conforming to IEC 60529	
Ambient Air Temperature For	-2055 °C without derating conforming to IEC 60947	
Operation	-3060 °C with derating conforming to IEC 60947	
	-5050 G with defating comorning to IEG 60547	
Ambient Air Temperature For	-4070 °C	
Storage		
Operating Altitude	2000 m without derating	
Fire Resistance	850 °C conforming to 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	
	Requirement 2 conforming to NF F 16-102	
Mechanical Robustness	Shocks NO contact: 10 Gn for 11 ms conforming to IEC 60068-2-27	
	Shocks NC contact: 10 Gn for 11 ms conforming to IEC 60068-2-27	
	Vibrations NO contact: 2 Gn, 5300 Hz conforming to IEC 60068-2-6	
	, g	
	Vibrations NC contact: 2 Gn, 5300 Hz conforming to IEC 60068-2-6	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	7.2 cm
Package 1 Length	4.8 cm
Package 1 Weight	156.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	41
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm

Package 2 Weight 6.742 kg

Contractual warranty

Warranty 18 months

Sustainability Green 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 >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

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