Product datasheet

Specifications





differential thermal overload relay, TeSys K, 2.6...3.7A, class 10A

LR2K0310

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 LP1K LP4K LC1K	
Network Type	DC AC	
Thermal Overload Class	Class 10A conforming to IEC 60947-4-1	
Thermal Protection Adjustment Range	2.63.7 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

<= 400 Hz
Under contactor
Plate, with specific accessories
Rail, with specific accessories
1 NO + 1 NC
6 A for signalling circuit
<= 690 V for power circuit
690 V AC AC-15 for signalling circuit
250 V DC DC-13 for signalling circuit
6 A gG for signalling circuit conforming to VDE 0660
6 A gG for signalling circuit conforming to IEC 60947
6 kV
2 W
Yes conforming to IEC 60947-4-1
Trip indicator (yellow)
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 cable(s) 1.54 mm ² solid Screw clamp terminals 2 cable(s) 1.54 mm ² solid Screw clamp terminals 1 cable(s) 0.754 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 0.754 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 0.342.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.341.5 mm ² flexible with cable end	
Tightening Torque	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	
Height	58 mm	
Width	45 mm	
Depth	65 mm	
Net Weight	0.145 kg	

Environment

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

Packing Units

V	
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.000 cm
Package 1 Width	7.000 cm
Package 1 Length	8.500 cm
Package 1 Weight	158.400 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	41
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm

Package 2 Weight	6.731 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	656
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	115.702 kg

Contractual warranty

Warranty

18 months

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 >



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