



Principal

Gama	TeSys
Product name	TeSys LRK
Tipo de producto o componente	Differential thermal overload relay
Device short name	LR2K
Relay application	Motor protection
Compatibilidad del producto	LP1K LP4K LC7K LC1K
Tipo de red	AC CC
Thermal overload class	Class 10A conforming to IEC 60947-4-1
Thermal protection adjustment range	8...11.5 A
[Ui] rated insulation voltage	600 V power circuit conforming to CSA C22.2 No 14 690 V power circuit conforming to BS 4941 690 V power circuit conforming to IEC 60947 750 V power circuit conforming to VDE 0110 group C

Complementos

Frecuencia de red	<= 400 Hz
Mounting support	Plate with specific accessories Rail with specific accessories Under contactor
Auxiliary contact composition	1 NO + 1 NC
[Ith] conventional free air thermal current	6 A for signalling circuit
[Ue] tensión de funcionamiento nominal	<= 690 V for power circuit 690 V AC AC-15 para signalling circuit 250 V CC DC-13 para 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
Señalizaciones en local	Trip indicator (yellow)
Control type	Red push-button trip test function Blue push-button stop and manual reset Selector switch manual or automatic for reset mode
Conexiones - terminales	Screw clamp terminals 1 cable(s) 1.5...4 mm ² - cable stiffness: solid Screw clamp terminals 1 cable(s) 0.75...4 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable(s) 0.34...2.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable(s) 1.5...4 mm ² - cable stiffness: solid Screw clamp terminals 2 cable(s) 0.75...4 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 0.34...1.5 mm ² - cable stiffness: 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
Altura	58 mm
Anchura	45 mm
Profundidad	65 mm
Peso del producto	0.145 kg

Ambiente

Normas	IEC 60947 NF C 63-650 BS 4941 VDE 0660
Certificaciones de producto	CSA UL
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	-20...55 °C without derating conforming to IEC 60947 -30...60 °C with derating conforming to IEC 60947
Temperatura ambiente de almacenamiento	-40...70 °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, 5...300 Hz conforming to IEC 60068-2-6 Vibrations NC contact 2 Gn, 5...300 Hz conforming to IEC 60068-2-6

Garantía contractual

Warranty period	18 months
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