



Principal

Gama	TeSys
Product name	TeSys LRD
Tipo de producto o componente	Differential thermal overload relay
Device short name	LRD
Relay application	Motor protection
Compatibilidad del producto	LC1D50A LC1D40A LC1D65A
Tipo de red	AC CC
Thermal protection adjustment range	37...50 A
[Ui] rated insulation voltage	600 V power circuit conforming to CSA 600 V power circuit conforming to UL 690 V power circuit conforming to IEC 60947-4-1

Complementos

Frecuencia de red	0...400 Hz
Mounting support	Plate with specific accessories Rail with specific accessories Under contactor
Tripping threshold	1.14 +/- 0.06 I _r conforming to IEC 60947-4-1
[I _{th}] conventional free air thermal current	5 A for signalling circuit
Permissible current	0.95 A at 380 V AC-15 for signalling circuit 0.06 A at 440 V DC-13 for signalling circuit
[U _e] tensión de funcionamiento nominal	690 V AC 0...400 Hz
[U _{imp}] rated impulse withstand voltage	6 kV
Phase failure sensitivity	Tripping current 130 % of I _r on two phase, the last one at 0
Control type	Red push-button stop Blue push-button for reset mode
Temperature compensation	-20...60 °C
Conexiones - terminales	Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: flexible - without cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: flexible - with cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: solid - without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 1...35 mm ² - cable stiffness: flexible - without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 1...35 mm ² - cable stiffness: flexible - with cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 1...35 mm ² - cable stiffness: solid - without cable end
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 5 N.m - on EverLink BTR screw connectors
Altura	70 mm
Anchura	55 mm
Profundidad	123 mm
Peso del producto	0.375 kg

Ambiente

Protective treatment	TH conforming to IEC 60068
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for operation	Without derating conforming to IEC 60947-4-1
Temperatura ambiente de almacenamiento	-60...70 °C
Flame retardance	V1 conforming to UL 94
Mechanical robustness	Shocks 15 Gn for 11 ms IEC 60068-2-7 Vibrations 4 gn IEC 60068-2-6
Dielectric strength	6 kV at 50 Hz conforming to IEC 60255-5
Normas	CSA C22.2 No 14 IEC 60947-5-1 EN 60947-5-1 IEC 60947-4-1 EN 60947-4-1 ATEX D 94/9/CE UL 508
Certificaciones de producto	BV UL GL CSA LROS (Lloyds register of shipping) RINA GOST ATEX INERIS CCC DNV

Oferta sustentable

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0501 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Perfil Medioambiental
Product end of life instructions	Available Manual De Gestión Residuos

Garantía contractual

Warranty period	18 months
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