



Main

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| Range of product | TeSys D |
| Device short name | LR2D |
| Product or component type | Thermal overload relay |
| Relay application | Motor protection |
| Protection type | GG fuse 5 A - for control circuit GB2 circuit breaker 5 A - for control circuit BS fuse 5 A - for control circuit |
| Connections - terminals | Control circuit: screw clamp terminals 2 cable 1...2.5 mm ² - cable stiffness: solid - without cable end Control circuit: screw clamp terminals 2 cable 1...2.5 mm ² - cable stiffness: flexible - without cable end Control circuit: screw clamp terminals 2 cable 1...2.5 mm ² - cable stiffness: flexible - with cable end Control circuit: screw clamp terminals 1 cable 1...2.5 mm ² - cable stiffness: flexible - without cable end Control circuit: screw clamp terminals 1 cable 1...2.5 mm ² - cable stiffness: flexible - with cable end |
| Quantity per set | Set of 10 |

Complementary

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| Network frequency | 50/60 Hz |
| Mounting support | Rail with EverLink power terminal block Plate with EverLink power terminal block |
| Tripping threshold | 1.14 +/-0.06 I _n A conforming to IEC 60947-4-1 |
| Surge withstand | 6 kV conforming to IEC 60801-5 |
| [U _e] rated operational voltage | 690 V AC 50/60 Hz for power circuit conforming to IEC 60947-4-1 |
| Phase failure sensitivity | Tripping current I 30 % of I _r on one phase, the others at I _r conforming to IEC 60947-4-1 |
| Tightening torque | Control circuit: 1.7 N.m - on screw clamp terminals |
| Height | 121 mm |
| Width | 75 mm |
| Depth | 100 mm |

Environment

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|---------------------------------------|---|
| Standards | CSA C22-2 No 14 Directive ATEX 94/9/EC EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508 |
| Product certifications | ATEX INERIS BV CCC CSA DNV GL GOST LROS (Lloyds register of shipping) RINA UL |
| Protective treatment | TH conforming to IEC 60068 |
| IP degree of protection | IP2x conforming to VDE 0106 |
| Ambient air temperature for operation | -20...60 °C conforming to IEC 60947-4-1 |
| Fire resistance | 850 °C conforming to IEC 60695-2-1 |

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|----------------------|---|
| Shock resistance | 15 gn 11 ms conforming to IEC 60068-2-7 |
| Vibration resistance | 6 gn on plate conforming to IEC 60068-2-6 |
| Dielectric strength | 6 kV at 50 Hz conforming to IEC 60255-5 |