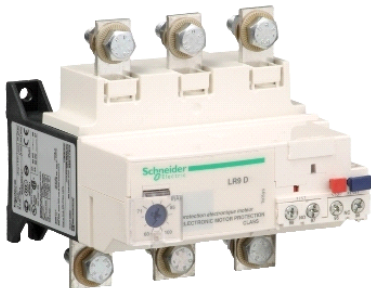


## LR9D5567

releji za toplinsko preopterećenje TeSys LRD –  
60...100 A – klasa 20



### Glavno

Range	TeSys
Product name	TeSys LRD
Product or component type	Electronic thermal overload relay
Device short name	LR9D
Relay application	Motor protection
Product compatibility	LC1D115 LC1D150 NSX circuit breaker
Network type	AC
Signalling function	Alarm
Thermal protection adjustment range	60...100 A
[Ui] rated insulation voltage	1000 V power circuit conforming to IEC 60947-4-1 600 V power circuit conforming to CSA 600 V power circuit conforming to UL

### Komplementarno

Network frequency	50...60 Hz
[Us] rated supply voltage	24 V DC
Supply voltage limits	17...32 V
Mounting support	Rail Under contactor
Tripping threshold	1.05 +/- 0.06 In alarm conforming to IEC 60947-4-1 1.12 +/- 0.06 In de-energisation conforming to IEC 60947-4-1
[Ith] conventional free air thermal current	5 A for signalling circuit
[Ue] rated operational voltage	690 V 50...60 Hz
Associated fuse rating	5 A gG for signalling circuit
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 61000-4-5
Phase failure sensitivity	Tripping in 4 s +/- 20 % conforming to IEC 60947-4-1
Control type	Red push-button stop Blue push-button for reset mode
Temperature compensation	-20...60 °C
Switching capacity in mA	0...150 mA
Voltage drop	<= 2.5 V closed state
Connections - terminals	Power circuit: bars Control circuit: screw clamp terminals 1 cable(s) 0.5...1.5 mm <sup>2</sup> flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 0.5...1.5 mm <sup>2</sup> flexible without cable end Alarm circuit: screw clamp terminals 1 cable(s) 0.5...1.5 mm <sup>2</sup> flexible without cable end
Tightening torque	Alarm circuit: 0.45 N.m on screw clamp terminals Power circuit: 18 N.m on bars screw : M8 Control circuit: 1.2 N.m on screw clamp terminals
Depth	132 mm
Product weight	0.885 kg

### Okolina

protective treatment	TH conforming to IEC 60068
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Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

IP degree of protection	IP20 conforming to IEC 60529
ambient air temperature for operation	-20...60 °C without derating conforming to IEC 60947-4-1
ambient air temperature for storage	-60...70 °C
operating altitude	<= 2000 m without derating
mechanical robustness	Vibrations 2 Gn, 5...300 Hz IEC 60068-2-6 Shocks 13 Gn for 11 ms IEC 60068-2-7
dielectric strength	6 kV at 50 Hz conforming to IEC 60255-5
standards	EN 60947-4-1 IEC 255-17 IEC 255-8 IEC 60947-4-1 VDE 0660
product certifications	CSA 22-2 UL 508

### Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1001 - Schneider Electric declaration of conformity	Compliant - since 1001 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

### Contractual warranty

Warranty period	18 months
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