



Main

Range	TeSys
Product name	TeSys LRD
Product or component type	Differential thermal overload relay
Device short name	LRD
Relay application	Motor protection
Network type	DC
Thermal protection adjustment range	5.5...8 A

Complementary

Tripping threshold	1.14 +/- 0.06 I _r conforming to IEC 60947-4-1
Permissible current	3 A at 120 V AC-15 for signalling circuit 0.22 A at 125 V DC-13 for signalling circuit
[U _e] rated operational voltage	690 V
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
Height	137 mm

Environment

protective treatment	TH conforming to IEC 60068
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
dielectric strength	6 kV at 50 Hz conforming to IEC 60255-5
standards	ATEX D 94/9/CE EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14
product certifications	ATEX INERIS BV CCC CSA DNV GL GOST LROS (Lloyds register of shipping) RINA UL

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0630 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

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