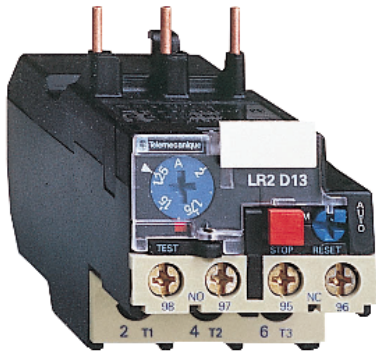


# Product datasheet

Specifications



## thermal overload relay for motor - TeSys LR.D - 5.5...8 A - class 10A

LR2D1312

⚠ Discontinued

### Main

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

### Complementary

Network frequency	50/60 Hz
Mounting support	Plate, with EverLink power terminal block Rail, with EverLink power terminal block
Tripping threshold	1.14 +/-0.06 In A conforming to IEC 60947-4-1
Surge withstand	6 kV conforming to IEC 60801-5
[Ue] 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 <sub>r</sub> on one phase, the others at I <sub>r</sub> 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

Standards	EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 CSA C22.2 No 14 Directive ATEX 94/9/EC UL 508 EN 60947-4-1
Product certifications	GL

RINA  
UL  
LROS (Lloyds register of shipping)  
CCC  
CSA  
GOST  
BV  
DNV  
ATEX INERIS

<b>Protective treatment</b>	TH conforming to IEC 60068
<b>IP degree of protection</b>	IP2x conforming to VDE 0106
<b>Ambient air temperature for operation</b>	-20...60 °C conforming to IEC 60947-4-1
<b>Fire resistance</b>	850 °C conforming to IEC 60695-2-1
<b>Shock resistance</b>	15 gn 11 ms conforming to IEC 60068-2-7
<b>Vibration resistance</b>	6 gn on plate conforming to IEC 60068-2-6
<b>Dielectric strength</b>	6 kV 50 Hz conforming to IEC 60255-5

## Packing Units

<b>Package 1 Weight</b>	0.197 kg
<b>Package 1 Height</b>	0.520 dm
<b>Package 1 width</b>	0.650 dm
<b>Package 1 Length</b>	0.950 dm

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)

LR2D1312 is replaced by:

1x



Thermal overload relay, TeSys LRD, 5.5...8 A, class 10A  
LRD12