



### Main

Range	TeSys
Range of product	TeSys K TeSys K control relay
Device short name	LA1
Product or component type	Auxiliary contact block
Mounting location	Front
Pole contact composition	1 NO + 1 NC
Auxiliary contacts operation	Instantaneous
[Ue] rated operational voltage	<= 690 V AC <= 400 Hz
[Ui] rated insulation voltage	690 V control circuit BS 5424 690 V control circuit IEC 60947 750 V control circuit VDE 0010 group C 600 V control circuit CSA C22.2
[Ith] conventional free air thermal current	10 A (at 50 °C)
Standards	VDE 0660 BS 5424 IEC 60947 NF C 63-110
Product certifications	CSA UL

### Complementary

Irms rated making capacity	110 A <= 690 V AC IEC 60947
Permissible short-time rating	80 A 1 s 60 A 500 ms 110 A 100 ms
Associated fuse rating	10 A gG <= 690 V IEC 60947 10 A gG <= 690 V VDE 0660
Minimum switching current	5 MA
Minimum switching voltage	17 V
Non overlap distance	0.5 Mm
Insulation resistance	> 10 MOhm for control circuit
Connections - terminals	Screw clamp terminals 1 cable(s) 0.34...1.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )flexible without cable end Screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> )solid Screw clamp terminals 2 0.00...0.00 in <sup>2</sup> (0.34...1.5 mm <sup>2</sup> )flexible with cable end Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )flexible without cable end Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> )solid
Tightening torque	1.3 N.M - on screw clamp terminals - with screwdriver Philips No 2
Depth	1.38 In (35 mm)
Net weight	0.10 Lb(US) (0.045 kg)

## Environment

Environmental characteristic	Normal environment
IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TC conforming to IEC 60068
Ambient air temperature for storage	-58...176 °F (-50...80 °C)
Ambient air temperature for operation	-13...122 °F (-25...50 °C)
Operating altitude	2000 m without derating

## Packing Units

Package 1 Weight	0.07 Lb(US) (0.032 kg)
Package 1 Height	0.350 Dm
Package 1 width	0.350 Dm
Package 1 Length	0.400 Dm

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**