



### 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
Contacts operation	Instantaneous
[Ue] rated operational voltage	$\leq 690$ V AC $\leq 400$ Hz
[Ui] rated insulation voltage	690 V - for control circuit conforming to BS 5424 690 V - for control circuit conforming to IEC 60947 750 V - for control circuit conforming to VDE 0010 group C 600 V - for control circuit conforming to 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 at $\leq 690$ V AC conforming to IEC 60947
Permissible short-time rating	80 A 1 s 60 A 500 ms 110 A 100 ms
Associated fuse rating	10 A gG at $\leq 690$ V conforming to IEC 60947 10 A gG at $\leq 690$ V conforming to 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 cable(s) 0.75...4 mm<sup>2</sup>flexible without cable end  
 Screw clamp terminals 1 cable(s) 1.5...4 mm<sup>2</sup>solid  
 Screw clamp terminals 2 cable(s) 0.34...1.5 mm<sup>2</sup>flexible with cable end  
 Screw clamp terminals 2 cable(s) 0.75...4 mm<sup>2</sup>flexible without cable end  
 Screw clamp terminals 2 cable(s) 1.5...4 mm<sup>2</sup>solid

Tightening torque	1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2
Depth	35 mm
Net weight	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	-50...80 °C
Ambient air temperature for operation	-25...50 °C
Operating altitude	2000 m without derating

## Packing Units

Package 1 Weight	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> Pro-active China RoHS declaration (out of China RoHS legal scope)
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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