



### Main

Range of product	TeSys K TeSys K control relay
Range	TeSys
Device short name	LA1
Product or component type	Auxiliary contact block
Auxiliary contacts operation	Instantaneous
Pole contact composition	2 NO + 2 NC
Connections - terminals	Screw clamp terminals 1 cable 0...0 in <sup>2</sup> (0.34...1.5 mm <sup>2</sup> ) - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0...0 in <sup>2</sup> (0.34...1.5 mm <sup>2</sup> ) - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> ) - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 0...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> ) - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 0...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> ) - cable stiffness: solid Screw clamp terminals 2 cable 0...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> ) - cable stiffness: solid

### Complementary

Mounting location	Front
[Ui] rated insulation voltage	600 V - for control circuit - conforming to CSA C22.2 690 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
System Voltage	<= 690 V AC <= 400 Hz
[Ith] conventional free air thermal current	10 A at <= 122 °F (50 °C)
Irms rated making capacity	110 A at <= 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 <= 690 V IEC 60947 10 A gG <= 690 V VDE 0660
Minimum switching current	5 mA

Minimum switching voltage	17 V
Non overlap distance	0.02 in (0.5 mm)
Insulation resistance	> 10 MOhm control circuit
Tightening torque	11.5 lbf.in (1.3 N.m) - on screw clamp terminals - with screwdriver Philips No 2
Depth	1.38 in (35 mm)
Product weight	0.1 lb(US) (0.045 kg)

## Environment

Environmental characteristic	Normal environment
Standards	NF C 63-110 VDE 0660 IEC 60947 BS 5424
Product certifications	UL CSA
IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TC conforming to IEC 60068
Ambient air temperature for operation	-13...122 °F (-25...50 °C)
Ambient air temperature for storage	-58...176 °F (-50...80 °C)
Operating altitude	6561.68 ft (2000 m) without derating in temperature

## Ordering and shipping details

Category	22341 - CONTACTOR,D,K,&F ACCESS
Discount Schedule	I12
GTIN	00785901883289
Nbr. of units in pkg.	1
Package weight(Lbs)	8.0000000000000002E-2
Returnability	Y
Country of origin	ID

## Contractual warranty

Warranty period	18 months
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