



### 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	1 NO + 1 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	BS 5424 IEC 60947 NF C 63-110 VDE 0660
Product certifications	CSA UL
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	00785901883678
Nbr. of units in pkg.	1
Package weight(Lbs)	7.0000000000000007E-2
Returnability	Y
Country of origin	ID

## Contractual warranty

Warranty period	18 months
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