



### Main

Range of product	TeSys K TeSys K control relay
Range	TeSys
Device short name	LA1
Product or component type	Auxiliary contact block
Product compatibility	CA2K CA3K
Auxiliary contacts operation	Instantaneous
Pole contact composition	4 NC
Shielding continuity terminal	Without
Connections - terminals	Screw clamp terminals 1 cable 0.34...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.34...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 1.5...4 mm <sup>2</sup> - cable stiffness: solid Screw clamp terminals 2 cable 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
[Ue] rated operational voltage	<= 690 V AC <= 400 Hz
[Ith] conventional free air thermal current	10 A at <= 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	0.5 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Insulation resistance	> 10 MOhm for control circuit
Tightening torque	1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2
Depth	35 mm
Product weight	0.045 kg
Compatibility code	LA1

## Environment

Environmental characteristic	Normal environment
Standards	BS 5424 IEC 60947 NF C 63-110 VDE 0660
Specific use	General
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	-25...50 °C
Ambient air temperature for storage	-50...80 °C
Operating altitude	2000 m without derating in temperature

## Contractual warranty

Warranty period	18 months
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