Product data sheet
Characteristics

LA1KN40
TeSys K - Auxiliary contact block - 4 NO - screw-clamps terminals

Main

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 NO
Connections - terminals	Screw clamp terminals 2 cable 1.5...4 mm² - cable stiffness: solid Screw clamp terminals 2 cable 0.75...4 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 0.34...1.5 mm² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 1.5...4 mm² - cable stiffness: solid Screw clamp terminals 1 cable 0.75...4 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 0.34...1.5 mm² - cable stiffness: flexible - with cable end

Complementary

Mounting location	Front
[Ui] rated insulation voltage	600 V - for control circuit - conforming to CSA C22.2 750 V - for control circuit - conforming to VDE 0010 group C 690 V - for control circuit - conforming to IEC 60947 690 V - for control circuit - conforming to BS 5424
[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	110 A 100 ms 60 A 500 ms 80 A 1 s
Associated fuse rating	VDE 0660 IEC 60947
Minimum switching current	5 mA
Minimum switching voltage	17 V
Non overlap distance	0.5 mm
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

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	-25...50 °C
Ambient air temperature for storage	-50...80 °C
Operating altitude	2000 m without derating in temperature