



Main

Range	TeSys
Product name	TeSys SK
Product or component type	Power add-on block
Device short name	LA1SK
Utilisation category for power pole	AC-3 AC-1
Power pole contact composition	1P
Pole contact composition	1 NO
[Ue] rated operational voltage	Signalling circuit: 690 V AC ≤ 400 Hz Power circuit: 690 V AC 50/60 Hz
[Ie] rated operational current	6 A at ≤ 440 V AC AC-3 for power circuit 12 A (at ≤ 55 °C) AC AC-1 for power circuit
Auxiliary contact composition	1 NC
[Ith] conventional free air thermal current	12 A (at 55 °C) for power circuit 10 A (at 55 °C) for signalling circuit
Irms rated making capacity	66 A at 690 V AC conforming to IEC 60947 66 A at 690 V AC conforming to NF C 63-110
[Icw] rated short-time withstand current	50 A 55 °C for power circuit
Associated fuse rating	16 A gI at ≤ 440 V for power circuit conforming to IEC 60947 10 A gI for signalling circuit conforming to IEC 60947 10 A gI for signalling circuit conforming to VDE 0660
[Ui] rated insulation voltage	690 V conforming to IEC 60947 690 V conforming to VDE 0110 group C 690 V conforming to BS 5424 690 V conforming to UL 508 690 V conforming to CSA C22.2 No 14
Standards	VDE 0660 NF C 63-110 BS 5424 IEC 60947
Product certifications	CSA UL
Connections - terminals	Connector 1 cable(s) 0.35...6 mm ² flexible with cable end Connector 1 cable(s) 0.5...6 mm ² flexible without cable end Connector 1 cable(s) 1.5...6 mm ² solid Connector 2 cable(s) 0.35...1.5 mm ² flexible with cable end Connector 2 cable(s) 0.35...2.5 mm ² flexible without cable end Connector 2 cable(s) 1.5...4 mm ² solid
Tightening torque	0.8 N.m - on connector - with screwdriver pozidriv No 1

Complementary

Signalling circuit frequency	≤ 400 Hz
Net weight	0.022 kg

Environment

IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TC conforming to IEC 60068 TC conforming to DIN 50015
Ambient air temperature for operation	-20...50 °C
Ambient air temperature for storage	-50...70 °C
Operating altitude	2000 m without derating

Packing Units

Package 1 Weight	0.028 kg
Package 1 Height	0.370 dm
Package 1 width	0.550 dm
Package 1 Length	0.420 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
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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