

Product data sheet

Characteristics

LA1SK10

TeSys SK, Power add on block, 1 NO Power, 1 NO Signalling



Main

Product or component type	Power add-on block
Device short name	LA1SK
Utilisation category	AC-1 AC-3
Power pole contact composition	1P
Pole contact composition	1 NO
Auxiliary contact composition	1 NO
[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
[Ue] rated operational voltage	Signalling circuit: 690 V AC ≤ 400 Hz Power circuit: 690 V AC 50/60 Hz

Complementary

[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	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	EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1
Product certifications	CB Scheme[RETURN]CE[RETURN]UKCA[RETURN]EAC[RETURN]cULus
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
Signalling circuit frequency	≤ 400 Hz

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
Net weight	0.022 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.7 cm
Package 1 Width	4.3 cm
Package 1 Length	5.5 cm
Package 1 Weight	27 g

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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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