

TeSys SK - mini contactor - 2P (2 NO) - AC-1 - 690 V 12 A - 24 V DC coil

Local distributor code:

386285882 LP1SK0600BD

EAN Code: 3389110563931

Main

Product or component type	Mini contactor	
Device short name	LP1SK	
Contactor application	Resistive load	
Utilisation category	AC-1	
power pole contact composition	2P	
Pole contact composition	2 NO	
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz	
[le] rated operational current	12 A (at <55 °C) AC AC-1	
Control circuit type	DC standard	
[Uc] control circuit voltage	24 V DC	
[Ith] conventional free air thermal current	12 A (at 55 °C) for power 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	
Rated breaking capacity	52 A at <= 400 V for power circuit conforming to NF C 63-110 52 A at <= 400 V for power circuit conforming to IEC 60947	
[Icw] rated short-time withstand current	50 A 55 °C for power circuit	
Associated fuse rating	16 A gl at <= 440 V for power circuit conforming to IEC 60947	
Average impedance	4 mOhm - Ith 12 A 50 Hz	
[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	
Mounting support	Rail	
Standards	EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1	
Product certifications	CB Scheme CE UKCA EAC cULus	
Connections - terminals	Power circuit: connector 1 cable(s) 0.356 mm²flexible with cable end Power circuit: connector 1 cable(s) 0.56 mm²flexible without cable end Power circuit: connector 1 cable(s) 1.56 mm²solid Power circuit: connector 2 cable(s) 0.351.5 mm²flexible with cable end Power circuit: connector 2 cable(s) 0.352.5 mm²flexible without cable end Power circuit: connector 2 cable(s) 1.54 mm²solid	
Tightening torque	0.8 N.m - on connector - with screwdriver pozidriv No 1	

Operating time	46 ms coil de-energisation and NO opening 812 ms coil energisation and NO closing	
Mechanical durability	10 Mcycles	
Maximum operating rate	1200 cyc/h	

Complementary

Control circuit voltage limits	Operational: 0.851.1 Uc (at <50 °C) Drop-out: 0.10.75 Uc (at <50 °C)
Inrush power in W	2.2 W (at 20 °C)
Hold-in power consumption in W	2.2 W at 20 °C
Heat dissipation	2.2 W

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	-2050 °C	
Ambient air temperature for storage	-5070 °C	
Operating altitude	2000 m without derating	
Height	56 mm	
Width	27 mm	
Depth	55.5 mm	
Net weight	0.132 kg	

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.3 cm
Package 1 Width	5.9 cm
Package 1 Length	6.7 cm
Package 1 Weight	122.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	40
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.174 kg

Logistical informations

Country of origin CZ

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	83
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	C39a7e5e-6a28-4540-b3bb-b5a727bdce6a
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins