



TeSys SK mini contactor - 2P (2 NO) - AC-3 - 690 V 6 A - 120 V AC coil

LC1SK0600G7

! Discontinued on: 1 Nov 2020

! Discontinued

Main

Range	TeSys
Product name	TeSys SK
product or component type	Mini contactor
Device short name	LC1SK
contactor application	Motor control Resistive load
Utilisation category	AC-1 AC-3
power pole contact composition	2P
Pole contact composition	2 NO
[le] rated operational current	6 A at <= 440 V AC AC-3 12 A (at <55 °C) AC AC-1
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz

Complementary

Control circuit type	AC at 50/60 Hz	
[Uc] control circuit voltage	120 V AC 50/60 Hz	
[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	
[lcw] 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 mm²flexible without cable end 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	68 ms coil de-energisation and NO opening 714 ms coil energisation and NO closing	
Mechanical durability	10 Mcycles	
Maximum operating rate	1200 cyc/h	
Control circuit voltage limits	Operational: 0.851.1 Uc (at <50 °C) Drop-out: 0.20.75 Uc (at <50 °C)	
Inrush power in VA	16 VA (at 20 °C)	
Hold-in power consumption in VA	4.2 VA (at 20 °C)	
Heat dissipation	1.4 W at 50/60 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	-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

Unit Type of Package 1	PCE
Number of Units in Package 1	

Contractual warranty

Warranty	12 months	



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Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc

Mercury Free

Rohs Exemption Information

Yes

Certifications & Standards

Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
	Product out of China RoHS scope. Substance declaration for your information
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