

# Product data sheet

Specifications



## TeSys SK mini contactor - 4P (4 NO) - AC-1 - 690 V 20 A - 120 V AC coil

LC1SKGC400G7

! Discontinued

### Main

Range	TeSys
Product Name	TeSys SK
Product Or Component Type	Mini contactor
Device Short Name	LC1SKGC
Contactor Application	Resistive load
Utilisation Category	AC-1
Power Pole Contact Composition	4P
Pole Contact Composition	4 NO
[Ie] Rated Operational Current	20 A (at <122 °F (50 °C)) AC AC-1
[Ue] Rated Operational Voltage	Power circuit 690 V AC 50/60 Hz

### Complementary

Control Circuit Type	AC 50/60 Hz
[Uc] Control Circuit Voltage	120 V AC 50/60 Hz
[Ith] Conventional Free Air Thermal Current	20 A (at 131 °F (55 °C)) for power circuit
Irms Rated Making Capacity	85 A AC conforming to NF C 63-110 85 A AC conforming to IEC 60947
Rated Breaking Capacity	68 A at <= 400 V conforming to NF C 63-110 68 A at <= 400 V conforming to IEC 60947
[Icw] Rated Short-Time Withstand Current	60 A 131 °F (55 °C) for power circuit
Associated Fuse Rating	20 A gl at <= 440 V for power circuit
Average Impedance	4 mOhm - Ith 20 A 50 Hz for power circuit
[Ui] Rated Insulation Voltage	Power circuit 690 V BS 5424 Power circuit 690 V IEC 60947 Power circuit 690 V UL 508 Power circuit 690 V VDE 0110 group C Power circuit 690 V CSA C22.2 No 14
Mounting Support	Rail Panel
Standards	EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product Certifications	CB Scheme CE UKCA EAC cULus
Connections - Terminals	connector 1 0.00...0.01 in² (1.5...6 mm²)solid connector 2 0.00...0.01 in² (1.5...4 mm²)solid connector 1 0.00...0.01 in² (0.5...6 mm²)flexible without cable end connector 2 0.00...0.00 in² (0.35...2.5 mm²)flexible without cable end connector 1 0.00...0.01 in² (0.35...6 mm²)flexible with cable end connector 2 0.00...0.00 in² (0.35...1.5 mm²)flexible with cable end
Tightening Torque	Power circuit 7.08 lbf.in (0.8 N.m) connector pozidriv No 1
Operating Time	6...8 ms coil de-energisation and NO opening 7...14 ms coil energisation and NO closing
Mechanical Durability	10 Mcycles
Maximum Operating Rate	1200 cyc/h
Control Circuit Voltage Limits	Operational: 0.85...1.1 Uc at 50/60 Hz (at <131 °F (55 °C)) Drop-out: 0.2...0.75 Uc at 50/60 Hz (at <131 °F (55 °C))
Inrush Power In Va	23 VA 50/60 Hz (at 68 °F (20 °C))
Hold-In Power Consumption In Va	4.9 VA 50/60 Hz (at 68 °F (20 °C))
Heat Dissipation	1.5 W 50/60 Hz

## Environment

Ip Degree Of Protection	IP2X VDE 0106
Protective Treatment	TC IEC 60068 TC DIN 50015
Ambient Air Temperature For Operation	-4...122 °F (-20...50 °C)
Ambient Air Temperature For Storage	-58...158 °F (-50...70 °C)
Operating Altitude	6561.68 ft (2000 m) without derating
Height	2.28 in (58 mm)
Width	1.77 in (45 mm)
Depth	2.20 in (56 mm)
Net Weight	0.39 lb(US) (0.175 kg)

## Ordering and shipping details

Category	18400-WORLD SERVICE PARTS(CONTACTORS)
Discount Schedule	CP10
Gtin	3389110563771
Returnability	No

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.52 in (6.4 cm)
Package 1 Width	2.36 in (6 cm)
Package 1 Length	1.89 in (4.8 cm)
Package 1 Weight	0.39 lb(US) (0.175 kg)

# Contractual warranty

Warranty	18 months
----------	-----------