

# Product data sheet

Specifications



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

LP1SK0600BD

Product availability: Stock - Normally stocked in distribution facility

**Price\*: 95.00 USD**

## 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
[Ie] Rated Operational Current	12 A (at <131 °F (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 131 °F (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 131 °F (55 °C) for power circuit
Associated Fuse Rating	16 A gI 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 IEC 60947 690 V VDE 0110 group C 690 V BS 5424 690 V UL 508 690 V 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 0.00...0.01 in <sup>2</sup> (0.35...6 mm <sup>2</sup> )flexible with cable end Power circuit connector 1 0.00...0.01 in <sup>2</sup> (0.5...6 mm <sup>2</sup> )flexible without cable end Power circuit connector 1 0.00...0.01 in <sup>2</sup> (1.5...6 mm <sup>2</sup> )solid Power circuit connector 2 0.00...0.00 in <sup>2</sup> (0.35...1.5 mm <sup>2</sup> )flexible with cable end Power circuit connector 2 0.00...0.00 in <sup>2</sup> (0.35...2.5 mm <sup>2</sup> )flexible without cable end Power circuit connector 2 0.00...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> )solid

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

<b>Tightening Torque</b>	7.08 lbf.in (0.8 N.m) connector pozidriv No 1
<b>Operating Time</b>	4...6 ms coil de-energisation and NO opening 8...12 ms coil energisation and NO closing
<b>Mechanical Durability</b>	10 Mcycles
<b>Maximum Operating Rate</b>	1200 cyc/h

## Complementary

<b>Control Circuit Voltage Limits</b>	Operational: 0.85...1.1 Uc (at <122 °F (50 °C)) Drop-out: 0.1...0.75 Uc (at <122 °F (50 °C))
<b>Inrush Power In W</b>	2.2 W 68 °F (20 °C))
<b>Hold-In Power Consumption In W</b>	2.2 W 68 °F (20 °C)
<b>Heat Dissipation</b>	2.2 W

## Environment

<b>Ip Degree Of Protection</b>	IP2X VDE 0106
<b>Protective Treatment</b>	TC IEC 60068 TC DIN 50015
<b>Ambient Air Temperature For Operation</b>	-4...122 °F (-20...50 °C)
<b>Ambient Air Temperature For Storage</b>	-58...158 °F (-50...70 °C)
<b>Operating Altitude</b>	6561.68 ft (2000 m) without derating
<b>Height</b>	2.20 in (56 mm)
<b>Width</b>	1.06 in (27 mm)
<b>Depth</b>	2.19 in (55.5 mm)
<b>Net Weight</b>	0.29 lb(US) (0.132 kg)

## Ordering and shipping details

<b>Category</b>	39997-CANADIAN PRODUCTS
<b>Discount Schedule</b>	NET
<b>Gtin</b>	3389110563931
<b>Returnability</b>	No
<b>Country Of Origin</b>	CZ

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	1.30 in (3.3 cm)
<b>Package 1 Width</b>	2.32 in (5.9 cm)
<b>Package 1 Length</b>	2.64 in (6.7 cm)
<b>Package 1 Weight</b>	4.30 oz (122.0 g)
<b>Unit Type Of Package 2</b>	S01
<b>Number Of Units In Package 2</b>	40
<b>Package 2 Height</b>	5.91 in (15.0 cm)
<b>Package 2 Width</b>	5.91 in (15.0 cm)

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<b>Package 2 Length</b>	15.75 in (40.0 cm)
<b>Package 2 Weight</b>	11.41 lb(US) (5.174 kg)

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## **Contractual warranty**

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<b>Warranty</b>	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)


[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

 Mercury Free

 RoHS Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu RoHS Directive Compliant with Exemptions

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.

Circularity Profile [End of Life Information](#)