

# LP1SK0600BD

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



## 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 <=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 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 conforming to VDE 0110 group C 690 V BS 5424 690 V conforming to UL 508 690 V conforming to CSA C22.2 No 14
Mounting support	Rail
Standards	VDE 0660 BS 5424 NF C 63-110 IEC 60947
Product certifications	CSA UL
Connections - terminals	Power circuit: connector 1 cable(s) 0.35... 6 mm <sup>2</sup> flexible with cable end Power circuit: connector 1 cable(s) 0.5... 6 mm <sup>2</sup> flexible without cable end Power circuit: connector 1 cable(s) 1.5...6 mm <sup>2</sup> solid Power circuit: connector 2 cable(s) 0.35... 1.5 mm <sup>2</sup> flexible with cable end Power circuit: connector 2 cable(s) 0.35... 2.5 mm <sup>2</sup> flexible without cable end Power circuit: connector 2 cable(s) 1.5...4 mm <sup>2</sup> solid
Tightening torque	0.8 N.m - on connector - with screwdriver pozidriv No 1
Operating time	4...6 ms coil de-energisation and NO opening 8...12 ms coil energisation and NO closing
Mechanical durability	10 Mcycles
Maximum operating rate	1200 cyc/h

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## Complementary

Control circuit voltage limits	Operational 0.85...1.1 Uc 122 °F (50 °C) Drop-out: 0.1...0.75 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 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	2000 m without derating
Height	2.20 in (56 mm)
Maximum Width	1.06 in (27 mm)
Depth	2.19 in (55.5 mm)
Net Weight	0.29 lb(US) (0.132 kg)

## Ordering and shipping details

Category	39997 - CANADIAN PRODUCTS
Discount Schedule	NET
GTIN	00785901647218
Nbr. of units in pkg.	1
Package weight(Lbs)	0.27 lb(US) (0.12 kg)
Returnability	No
Country of origin	CZ

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.30 in (3.3 cm)
Package 1 width	2.32 in (5.9 cm)
Package 1 Length	2.64 in (6.7 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	40
Package 2 Weight	11.08 lb(US) (5.027 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

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Warranty	18 months
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