

LP1SK0600BD

mini contactor, TeSys SK, 2P(2NO), AC-1,
690V 12A, 24V 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 <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 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 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[RETURN]CE[RETURN]UKCA[RETURN]EAC[RETURN]
Connections - terminals	Power circuit connector 1 0.00...0.01 in ² (0.35... 6 mm ²)flexible with cable end Power circuit connector 1 0.00...0.01 in ² (0.5... 6 mm ²)flexible without cable end Power circuit connector 1 0.00...0.01 in ² (1.5... 6 mm ²)solid Power circuit connector 2 0.00...0.00 in ² (0.35... 1.5 mm ²)flexible with cable end Power circuit connector 2 0.00...0.00 in ² (0.35... 2.5 mm ²)flexible without cable end Power circuit connector 2 0.00...0.01 in ² (1.5... 4 mm ²)solid
Tightening torque	7.08 lbf.in (0.8 N.m) connector 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 (at <122 °F (50 °C)) Drop-out: 0.1...0.75 Uc (at <122 °F (50 °C))
Inrush power in W	2.2 W 68 °F (20 °C))
Hold-in power consumption in W	2.2 W 68 °F (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	6561.68 ft (2000 m) without derating
Height	2.20 in (56 mm)
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	3389110563931
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
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)
Package 1 Weight	4.30 oz (122.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	40
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	11.41 lb(US) (5.174 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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