



Kaubanduslik olek

Tootmine lõpetatud: 30 september 2020

Teeninduse lõpp: 10 oktoober 2020

⚠ Tootmisest maas

Main

Range of product	TeSys K
Range	TeSys
Product or component type	Contactors
Device short name	LP4K
Contactors application	Resistive load
Utilisation category	AC-1
Poles description	4P
Pole contact composition	4 NO
[Ie] rated operational current	20 A (at ≤ 50 °C) at ≤ 440 V AC AC-1 for power circuit 16 A (at ≤ 70 °C) at 690 V AC AC-1 for power circuit

Complementary

Coil technology	Built-in bidirectional peak limiting diode suppressor
Control circuit voltage limits	Operational 0.7...1.30 U _c 50 °C) Drop-out 0.1...0.7 U _c 50 °C)
[Ui] rated insulation voltage	Power circuit: 600 V conforming to UL 508 Power circuit 690 V IEC 60947-4-1 Power circuit: 600 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	8 kV
Overvoltage category	III
Mounting support	Plate Rail
Flame retardance	V1 UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz
[Ith] conventional free air thermal current	20 A (at 50 °C) for power circuit
Irms rated making capacity	110 A AC for power circuit conforming to NF C 63-110

110 A AC for power circuit conforming to IEC 60947

Rated breaking capacity	110 A at 415 V conforming to IEC 60947 110 A at 440 V conforming to IEC 60947 80 A at 500 V conforming to IEC 60947 110 A at 220...230 V conforming to IEC 60947 110 A at 380...400 V conforming to IEC 60947 70 A at 660...690 V conforming to IEC 60947
Associated fuse rating	25 A gG at <= 440 V for power circuit 25 A aM for power circuit
Average impedance	3 mOhm - lth 20 A 50 Hz for power circuit
Inrush power in W	1,8 W 20 °C)
Hold-in power consumption in W	1,8 W 20 °C
Operating time	30...40 ms coil energisation and NO closing 10 ms coil de-energisation and NO opening
Safety reliability level	B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1
Mechanical durability	30 Mcycles
Maximum operating rate	3600 cyc/h
Height	58 mm
Width	45 mm
Depth	57 mm
Net weight	0,235 kg

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...50 °C
Ambient air temperature for storage	-50...80 °C
Operating altitude	2000 m without derating

Packing Units

Osa tüüp pakil 1	PCE
Osade arv pakis 1	1
Pakk 1 kaal	227 g
Pakk 1 kõrgus	6,5 cm
Pakk 1 laius	6,2 cm
Pakk 1 pikkus	5 cm

Offer Sustainability

Jätksuutliku pakkumise olek	Green Premium toode
REACH-määrus	REACH-deklaratsioon
Ilma SVHC REACH-ta	Jah
ELi RoHS direktiiv	Vastavus ELi RoHS deklaratsioon
Mürgiste raskemetallideta	Jah
Elavhõbedavaba	Jah
RoHS eranditeave	Jah
Hiina EoHS regulatsioon	Hiina RoHS deklaratsioon Ennetav Hiina RoHS deklaratsioon (ei kuulu Hiina RoHS-i õigussfääri)
Keskkonnaalane avaldus	Toote keskkonnaprofiil
Ringlusprofiil	Kasutuselt kõrvaldamise teave
WEEE	Tootest tuleb Euroopa Liidu turgudel vabaneda vastavuses erijäätmeseadustele ning see ei tohi sattuda olmeprügi sekka.

Contractual warranty

Garantii	18 months
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LP4K090043BW3 asendatakse järgmisega:



Contactors LP4K09004BW3

TeSys K contactor - 4P (4 NO) - AC-1 = 440 V 20 A - 24 V DC coil

Kogus 1

Partial substitution, LP4K09004BW3 is with screw clamp terminals, please check compatibility