



## Galvenā

Diapazons	TeSys
Produkta vai sastāvdaļas veids	Contactora
Ierīces īsais nosaukums	LP1K
Contactora application	Motor control Resistive load

## Papildinošs

Utilisation category	AC-3 AC-3e AC-1 AC-4
Polu skaits	3P
Power pole contact composition	3 NO
[Ue] nominālais darbības spriegums	Strāvas ķēde: $\leq 690$ V AC $\leq 400$ Hz Signalling circuit: $\leq 690$ V AC $\leq 400$ Hz
[Ie] rated operational current	9 A (at $\leq 60$ °C) at $\leq 440$ V AC AC-3 for strāvas ķēde 9 A (at $\leq 60$ °C) at $\leq 440$ V AC AC-3e for strāvas ķēde 20 A (at $\leq 60$ °C) at $\leq 690$ V AC AC-1 for strāvas ķēde
Control circuit type	DC standard
[Uc] control circuit voltage	24 V DC
Motor power kW	2,2 kW 220...230 V AC 50/60 Hz AC-3 4 kW 380...415 V AC 50/60 Hz AC-3 4 kW 440/690 V AC 50/60 Hz AC-3 2,2 kW 220...230 V AC 50/60 Hz AC-3e 4 kW 380...415 V AC 50/60 Hz AC-3e 4 kW 440/690 V AC 50/60 Hz AC-3e 2,2 kW 220...230 V AC 50/60 Hz AC-4 4 kW 380...415 V AC 50/60 Hz AC-4 4 kW 440/690 V AC 50/60 Hz AC-4
Papildkontakta veids	1 NO
[Uimp] rated impulse withstand voltage	8 kV
Pārsprieguma kategorija	III
[Ith] conventional free air thermal current	20 A (at 60 °C) for strāvas ķēde 10 A (at 50 °C) for signalling circuit
Irms rated making capacity	110 A AC for strāvas ķēde conforming to IEC 60947 110 A AC for signalling circuit conforming to IEC 60947
Rated breaking capacity	110 A at 220...230 V conforming to IEC 60947 110 A at 380...400 V conforming to IEC 60947 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 70 A at 660...690 V conforming to IEC 60947

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[Icw] rated short-time withstand current	90 A 50 °C - 1 s for strāvas ķēde 85 A 50 °C - 5 s for strāvas ķēde 80 A 50 °C - 10 s for strāvas ķēde 60 A 50 °C - 30 s for strāvas ķēde 45 A 50 °C - 1 min for strāvas ķēde 40 A 50 °C - 3 min for strāvas ķēde 20 A 50 °C - >= 15 min for strāvas ķēde 80 A - 1 s for signalling circuit 90 A - 500 ms for signalling circuit 110 A - 100 ms for signalling circuit
Associated fuse rating	25 A gG at <= 440 V for strāvas ķēde 25 A aM for strāvas ķēde 10 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 0660
Average impedance	3 mhm - Ith 20 A 50 Hz for strāvas ķēde
[Ui] rated insulation voltage	Strāvas ķēde 600 V UL 508 Strāvas ķēde 690 V IEC 60947-4-1 Signalling circuit 690 V IEC 60947-4-1 Signalling circuit 690 V IEC 60947-5-1 Signalling circuit 600 V UL 508 Strāvas ķēde 600 V CSA C22.2 No 14 Signalling circuit 600 V CSA C22.2 No 14
Insulation resistance	> 10 MOhm for signalling circuit
Inrush power in W	3 W 20 °C)
Hold-in power consumption in W	3 W 20 °C
Heat dissipation	1,3 W
Control circuit voltage limits	Operational: 0.8...1.15 Uc (at <50 °C) Drop-out: >= 0.10 Uc (at <50 °C)
Connections - terminals	Screw clamp terminals 1 1,5...4 mm <sup>2</sup> ciets Screw clamp terminals 1 0,75...4 mm <sup>2</sup> elastīgs without cable end Screw clamp terminals 1 0,34...2,5 mm <sup>2</sup> elastīgs with cable end Screw clamp terminals 2 1,5...4 mm <sup>2</sup> ciets Screw clamp terminals 2 0,75...4 mm <sup>2</sup> elastīgs without cable end Screw clamp terminals 2 0,34...1,5 mm <sup>2</sup> elastīgs with cable end Strāvas ķēde screw clamp terminals 2 1,5 mm <sup>2</sup> elastīgs with cable end
Maximum operating rate	3600 cikls/h
Auxiliary contacts type	Instantaneous 1 NO
Minimum switching current	5 mA for signalling circuit
Minimum switching voltage	17 V for signalling circuit
Montāžas stiprinājums	Rail Plāksne
Tightening torque	0,8...1,3 N.M screw clamp terminals Philips No 2 0,8...1,3 N.M screw clamp terminals flat Ø 6 mm 0,8...1,3 N.m screw clamp terminals pozidriv No 2
Operating time	30...40 ms coil energisation and NO closing 10 ms coil de-energisation and NO opening
Safety reliability level	B10d = 1369863 cikli contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cikli contactor with mechanical load EN/ISO 13849-1
Mehāniskā izturība	10 M cikli
Electrical durability	1,3 M cikli 9 A AC-3 <= 440 V 1,3 M cikli 9 A AC-3e <= 440 V 0,16 M cikli 20 A AC-1 <= 690 V 0,02 M cikli 54 A AC-4 <= 440 V
Augstums	58 mm
Platums	45 mm
Dziļums	57 mm
Neto svars	0,225 kg

## Vide

Standards	EN/IEC 60947-4-1 EN/IEC 60947-5-1 UL 60947-4-1 UL 60947-5-1 CSA C22.2 No 60947-4-1 CSA C22.2 No 60947-5-1 GB/T 14048.4
Produkta sertifikācija	CB Scheme[RETURN]CCC[RETURN]UL[RETURN]CSA[RETURN]EAC[RETURN]CE[RETURN]UL
IP degree of protection	IP2X
Ambient air temperature for operation	-25...50 °C
Apkārtējā gaisa temperatūra uzglabāšanai	-50...80 °C
Operating altitude	2000 m without derating
Flame retardance	V1 UL 94 Requirement 2 NF F 16-101 Requirement 2 NF F 16-102

## Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	5,000 cm
1. iepakojuma platums	6,000 cm
1. iepakojuma garums	6,500 cm
1. iepakojuma svars	223,000 g
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	40
2. iepakojuma augstums	15,000 cm
2. iepakojuma platums	30,000 cm
2. iepakojuma garums	40,000 cm
2. iepakojuma svars	9,168 kg
Trešā iepakojuma vienības tips	P06
Vienību skaits 3. iepakojumā	640
3. iepakojuma augstums	75,000 cm
3. iepakojuma platums	80,000 cm
3. iepakojuma garums	60,000 cm
3. iepakojuma svars	154,688 kg

## Piedāvājiēt ilgtspēju

Ilgspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	 <a href="#">REACH Deklarācija</a>
Nesatur REACH SVHC	Jā
ES RoHS direktīva	Atbilstīgs  <a href="#">ES RoHS Deklarācija</a>
Nesatur toksiskus smagos metālus	Jā
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	 <a href="#">Ķīnas RoHS Deklarācija</a>
Informācija par RoHS izņēmumiem	 Jā
Vides informācijas publicēšana	 <a href="#">Produkta letekme Uz Vidi</a>
Cirkularitātes profils	 <a href="#">Informācija Par Eksploatācijas Izbeigšanu</a>
WEEE	Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs.

## Līguma garantija

Garantija	18 months
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