

# LC1D800046P7

Contacteur, TeSys Deca, 4P(4NO), AC-1 ,  
≤440V, 125A, 230V AC 50/60Hz coil, ring-lug  
terminals



## Galvenā

Diapazons	TeSys
Produkta sērija	TeSys Deca
Produkta vai sastāvdaļas veids	Contacteur
Ieīces īsais nosaukums	LC1D
Contacteur application	Resistive load
Utilisation category	AC-1 AC-3 AC-3e AC-4
Polu skaits	4P
[Ue] nominālais darbības spriegums	Strāvas ķēde: ≤ 300 V DC 25...400 Hz Strāvas ķēde: ≤ 690 V AC
[Ie] rated operational current	125 A (at <60 °C) at ≤ 440 V AC AC-1 for strāvas ķēde 80 A (at <60 °C) at ≤ 440 V AC AC-3 for strāvas ķēde 80 A (at <60 °C) at ≤ 440 V AC AC-3e for strāvas ķēde 55 A (at <60 °C) at ≤ 400 V AC AC-4 for strāvas ķēde
[Uc] control circuit voltage	230 V AC 50/60 Hz

## Papildinošs

Motor power kW	22 kW at 220...230 V AC 50/60 Hz 37 kW at 380...400 V AC 50/60 Hz 45 kW at 660...690 V AC 50/60 Hz 55 kW at 500 V AC 50/60 Hz 45 kW at 415...440 V AC 50/60 Hz
Compatibility code	LC1D
Pole contact composition	4 NO
Protective cover	Without
[Ith] conventional free air thermal current	125 A (at 60 °C) for strāvas ķēde
Irms rated making capacity	1100 A at 440 V for strāvas ķēde conforming to IEC 60947
Rated breaking capacity	1100 A at 440 V for strāvas ķēde conforming to IEC 60947
[Icw] rated short-time withstand current	640 A 40 °C - 10 s for strāvas ķēde 990 A 40 °C - 1 s for strāvas ķēde 135 A 40 °C - 10 min for strāvas ķēde 320 A 40 °C - 1 min for strāvas ķēde
Associated fuse rating	200 A gG at ≤ 690 V coordination type 1 for strāvas ķēde 160 A gG at ≤ 690 V coordination type 2 for strāvas ķēde
Average impedance	0,8 mhm - Ith 125 A 50 Hz for strāvas ķēde
Power dissipation per pole	12,5 W AC-1
[Ui] rated insulation voltage	Strāvas ķēde 600 V CSA[RETURN]Strāvas ķēde 600 V UL[RETURN]Strāvas ķēde 1000 V IEC 60947-4-1
Pārsprieguma kategorija	III
Piesārņojuma pakāpe	3
[Uimp] rated impulse withstand voltage	8 kV IEC 60947
Safety reliability level	B10d = 1369863 cikli contacteur with nominal load EN/ISO 13849-1 B10d = 20000000 cikli contacteur with mechanical load EN/ISO 13849-1

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Mehāniskā izturība	4 M cikli
Electrical durability	0,8 M cikli 125 A AC-1 <= 440 V
Control circuit type	AC 50/60 Hz
Coil technology	Without built-in suppressor module
Control circuit voltage limits	0.85...1.1 Uc -40...55 °C operational AC 60 Hz 0.3...0.6 Uc -40...70 °C drop-out AC 50/60 Hz 0.8...1.1 Uc -40...55 °C operational AC 50 Hz 1...1.1 Uc 55...70 °C operational AC 50/60 Hz
Inrush power in VA	245 VA 60 Hz cos phi 0,75 (at 20 °C) 245 VA 50 Hz cos phi 0,75 (at 20 °C)
Hold-in power consumption in VA	26 VA 60 Hz cos phi 0,3 (at 20 °C) 26 VA 50 Hz cos phi 0,3 (at 20 °C)
Heat dissipation	6...10 W at 50/60 Hz
Operating time	20...35 ms closing 6...20 ms opening
Maximum operating rate	3600 cikls/h 60 °C
Connections - terminals	Control circuit: lugs-ring terminals - external diameter: 8 mm
Tightening torque	Control circuit 1,2 N.m lugs-ring terminals flat Ø 6 mm M3.5 Control circuit 1,2 N.m lugs-ring terminals Philips No 2 M3.5 Strāvas ķēde 5 N.m lugs-ring terminals flat Ø 8 mm M6 Strāvas ķēde 5 N.m lugs-ring terminals hexagonal 10 mm M6 Strāvas ķēde 5 N.m bars flat Ø 8 mm M6 Strāvas ķēde 5 N.m bars hexagonal 10 mm M6 Control circuit 1,2 N.m lugs-ring terminals pozidriv No 2 M3.5
Montāžas stiprinājums	Plāksne Rail

## Vide

Standards	CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508
Produkta sertifikācija	GOST[RETURN]CCC[RETURN]DNV[RETURN]UL[RETURN]RINA[RETURN]CSA[RETURN]BVI[RETURN]
IP degree of protection	IP20 priekšpuse IEC&nbsp;60529
Protective treatment	THIEC 60068-2-30
Climatic withstand	IACS E10 exposure to damp heat
Permissible ambient air temperature around the device	-40...60 °C 60...70 °C with derating
Operating altitude	0...3000 m
Fire resistance	850 °C IEC 60695-2-1
Flame retardance	V1 UL 94
Mechanical robustness	Vibrations contactor open 2 Gn, 5...300 Hz) Shocks contactor open 8 Gn for 11 ms) Vibrations contactor closed 3 Gn, 5...300 Hz) Shocks contactor closed 10 Gn for 11 ms)
Augstums	127 mm
Platums	96 mm
Dziļums	125 mm
Neto svars	1,76 kg

## Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	15,5 cm
1. iepakojuma platums	13,5 cm
1. iepakojuma garums	11,0 cm
1. iepakojuma svars	1,705 kg

## Piedāvājiēt ilgtspēju

Ilgtspējīgs 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	<a href="#">Jā</a>
Vides informācijas publicēšana	<a href="#">Produkta Ietekme Uz Vidi</a>
Cirkularitātes profils	Nav jāveic īpašas darbības, lai nodotu otrreizējai pārstrādei
WEEE	Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs.
Nesatur PVH	Jā

## Līguma garantija

Garantija	18 months
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