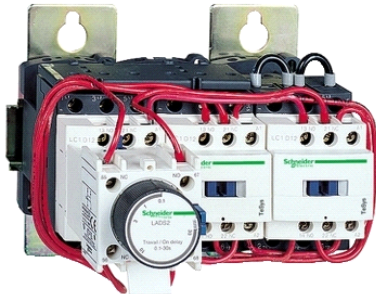


## LC3D150P7A64

TeSys D – pokretač zvijezda-trokut – 3 x 3P (3 NO) –  
150 A – Zavojnica 230 V AC



### Glavno

Range	TeSys
Product name	TeSys D
Product or component type	Star delta starter
Device short name	LC3D
Contactor application	Motor control
Utilisation category	AC-3
Device presentation	Pre-wired
Poles description	3 x 3P
Pole contact composition	3 x 3 NO
[Ue] rated operational voltage	<= 690 V AC 25...400 Hz for power circuit
[Ie] rated operational current	150 A (<= 60 °C) AC AC-3for power circuitat <= 440 V
Motor power kW	132 kW at 380/400 V AC 50/60 Hz 132 kW at 415 V AC 50/60 Hz 147 kW at 440 V AC 50/60 Hz 75 kW at 220/230 V AC 50/60 Hz
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	
Auxiliary contact composition	1 NCfor KM1 star contactor 1 NCfor KM2 line contactor 1 NOfor KM3 delta contactor
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947
Overvoltage category	III
[Ui] rated insulation voltage	600 V certifications CSA power circuit 600 V certifications UL power circuit 600 V certifications CSA signalling circuit 600 V certifications UL signalling circuit 1000 V conforming to IEC 60947-4-1 power circuit 1000 V conforming to IEC 60947-1 signalling circuit
Electrical durability	0.85 Mcycles 150 A AC-3 <= 440 V
Interlocking type	Mechanical
Mounting support	Plate
Standards	EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14
Product certifications	BV CCC CSA DNV GL GOST LROS (Lloyds register of shipping) RINA UL

### Komplementarno

Connections - terminals

Connectorfor power circuit 1 10...120 mm<sup>2</sup> flexible without cable end  
Connectorfor power circuit 2 10...50 mm<sup>2</sup> flexible without cable end

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda.  
Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene.  
Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog.  
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Connector for power circuit 1 10...120 mm<sup>2</sup> flexible with cable end  
 Connector for power circuit 2 10...50 mm<sup>2</sup> flexible with cable end  
 Connector for power circuit 1 10...120 mm<sup>2</sup> solid without cable end  
 Connector for power circuit 2 10...50 mm<sup>2</sup> solid without cable end  
 Connector for control circuit 1 1...2.5 mm<sup>2</sup> flexible without cable end  
 Connector for control circuit 2 1...2.5 mm<sup>2</sup> flexible without cable end  
 Connector for control circuit 1 1...2.5 mm<sup>2</sup> flexible with cable end  
 Connector for control circuit 2 1...2.5 mm<sup>2</sup> flexible with cable end  
 Connector for control circuit 1 1...2.5 mm<sup>2</sup> solid without cable end  
 Connector for control circuit 2 1...2.5 mm<sup>2</sup> solid without cable end

Tightening torque	12 N.m for power circuit connector flat Ø 6...8 mm 1.2 N.m for control circuit connector flat Ø 6 mm 1.2 N.m for control circuit connector Philips No 2
Mechanical durability	8 Mcycles
Operating rate	30 cyc/hat <= 60 °C
Starting time	30 s
Coil technology	Without built-in suppressor module
Control circuit voltage limits	0.3...0.5 U <sub>c</sub> at 55 °C drop-out 50/60 Hz 0.8...1.15 U <sub>c</sub> at 55 °C operational 50/60 Hz
Inrush power in VA	280...350 VA at 20 °C 0.9 60 Hz 280...350 VA at 20 °C 0.9 50 Hz
Hold-in power consumption in VA	2...18 VA at 20 °C 0.9 60 Hz 2...18 VA at 20 °C 0.9 50 Hz
Heat dissipation	3...4.5 W at 50/60 Hz
Auxiliary contacts type	Mechanically linked conforming to IEC 60947-5-1 3 x 1 NO + 1 NC Mirror contact conforming to IEC 60947-4-1 3 x 1 NC
Signalling circuit frequency	25...400 Hz
Minimum switching current	For signalling circuit
Switching voltage	17 V for signalling circuit
Non-overlap time	1.5 ms on energisation between NC and NO contact 1.5 ms on de-energisation between NC and NO contact
Width	450 mm
Height	555 mm
Depth	205 mm
Product weight	12.1 kg

## Okolina

insulation resistance	> 10 MOhm for signalling circuit
IP degree of protection	IP20 front face conforming to IEC 60529
protective treatment	TH conforming to IEC 60068-2-30
pollution degree	3
ambient air temperature for storage	-60...80 °C
ambient air temperature for operation	-40...70 °C at U <sub>c</sub>
operating altitude	3000 m without derating in temperature
fire resistance	850 °C conforming to IEC 60695-2-1
flame retardance	V1 conforming to UL 94
mechanical robustness	Vibrations contactor open 2 Gn, 5...300 Hz Vibrations contactor closed 4 Gn, 5...300 Hz Shocks contactor closed 15 Gn for 11 ms Shocks contactor open 6 Gn for 11 ms

## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1801 - Schneider Electric declaration of conformity	Compliant - since 1801 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

## Contractual warranty

