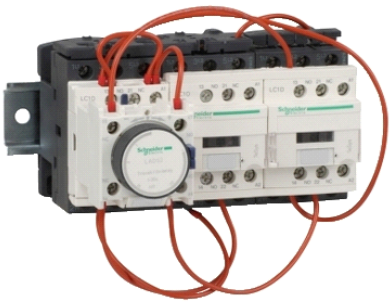
Podatkovni list proizvoda
Karakteristike

LC3D09AP7
TeSys D – pokretač zvijezda-trokut – 3 x 3P (3 NO) – 9 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	9 A (<= 60 °C) AC AC-3for power circuitat <= 440 V
Motor power kW	4 kW at 220/230 V AC 50/60 Hz 7.5 kW at 380/400 V AC 50/60 Hz 7.5 kW at 415 V AC 50/60 Hz 7.5 kW at 440 V AC 50/60 Hz
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	
Auxiliary contact composition	1 NCfor KM1 star contactor
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947
Overvoltage category	III
[Ui] rated insulation voltage	690 V conforming to IEC 60947-4-1 power circuit 600 V certifications CSA power circuit 600 V certifications UL power circuit 690 V conforming to IEC 60947-1 signalling circuit 600 V certifications CSA signalling circuit 600 V certifications UL signalling circuit
Electrical durability	2 Mcycles 9 A AC-3 <= 440 V
Provided equipment	Protective cover
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	Screw clamp terminalsfor power circuit 1 1...4 mm² flexible without cable end Screw clamp terminalsfor power circuit 2 1...4 mm² flexible without cable end Screw clamp terminalsfor power circuit 1 1...4 mm² flexible with cable end Screw clamp terminalsfor power circuit 2 1...2.5 mm² flexible with cable end

	Screw clamp terminalsfor power circuit 1 1...4 mm² solid without cable end Screw clamp terminalsfor power circuit 2 1...4 mm² solid without cable end Screw clamp terminalsfor control circuit 1 1...4 mm² flexible without cable end Screw clamp terminalsfor control circuit 2 1...4 mm² flexible without cable end Screw clamp terminalsfor control circuit 1 1...4 mm² flexible with cable end Screw clamp terminalsfor control circuit 2 1...2.5 mm² flexible with cable end Screw clamp terminalsfor control circuit 1 1...4 mm² solid without cable end Screw clamp terminalsfor control circuit 2 1...4 mm² solid without cable end
Tightening torque	1.7 N.mfor power circuit screw clamp terminals flat Ø 6 mm 1.7 N.mfor power circuit screw clamp terminals Philips No 2 1.7 N.mfor control circuit screw clamp terminals flat Ø 6 mm 1.7 N.mfor control circuit screw clamp terminals Philips No 2
Mechanical durability	15 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...0.6 Uc at 60 °C drop-out 50/60 Hz 0.8...1.1 Uc at 60 °C operational 50 Hz 0.85...1.1 Uc at 60 °C operational 60 Hz
Inrush power in VA	70 VAat 20 °C 0.75 60 Hz 70 VAat 20 °C 0.75 50 Hz
Hold-in power consumption in VA	7.5 VAat 20 °C 0.3 60 Hz 7 VAat 20 °C 0.3 50 Hz
Heat dissipation	2...3 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	5 mAfor signalling circuit
Switching voltage	17 Vfor 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	143 mm
Height	124 mm
Depth	143 mm
Product weight	1.53 kg

Okolina

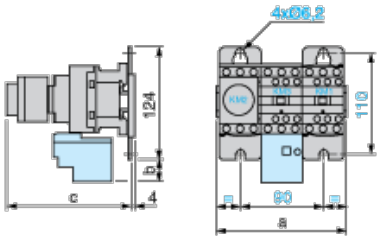
insulation resistance	> 10 MOhmfor signalling circuit
IP degree of protection	IP20 front face conforming to IEC 60529
protective treatment	TH conforming to IEC 60068-2-30
pollution degree	3
ambient air temperature for storage	-60...80 °C
ambient air temperature for operation	-40...70 °C at Uc
operating 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 open 10 Gn for 11 ms Shocks contactor closed 15 Gn for 11 ms

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0845 - Schneider Electric declaration of conformity	Compliant - since 0845 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

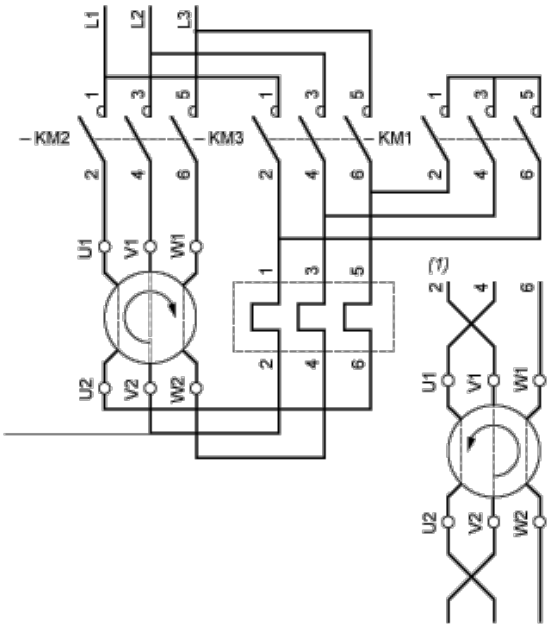
Contractual warranty

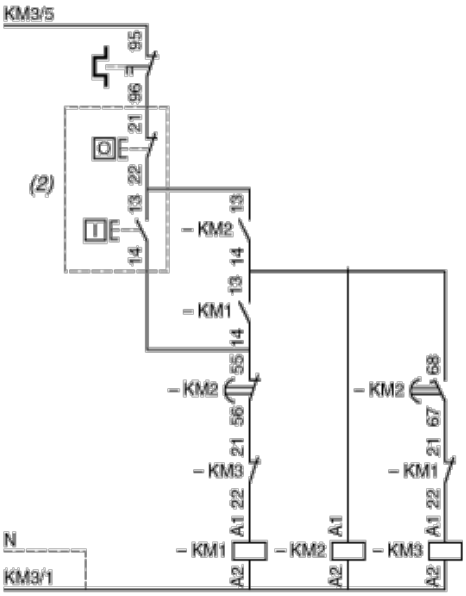
Dimensions



LC3		D09A	D12A	D18A	D32A
a		143	143	144	165
b		26.5	26.5	26.5	32.5
c	with LAD S	139	139	139	145
	with LAD S and sealing cover	143	143	143	149

Wiring





(1) Recommended cabling for reversal of motor rotation (standard motor, viewed from shaft end).

(2) Remote control.

NOTE: LC3 D09A to D18A: Mechanical interlock between KM3 and KM1.