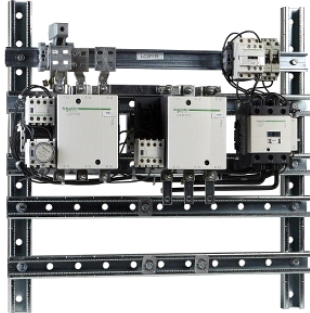


LC3F115M7

TeSys F–pokretač zvijezda-trokut–3 x 3P (3 NO)–
115 A–zavojnica 220/230 V AC



Glavno

Range	TeSys
Product name	TeSys F
Product or component type	Star delta starter
Device short name	LC3F
Contactors 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	<= 1000 V AC 16 Hz 2/3...200 Hz for power circuit
[Ie] rated operational current	115 A (<= 55 °C) AC AC-3for power circuit at <= 440 V
Motor power kW	52 kW at 220/230 V AC 50/60 Hz 85 kW at 380/400 V AC 50/60 Hz 102 kW at 415 V AC 50/60 Hz 102 kW at 440 V AC 50/60 Hz
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	
[Uimp] rated impulse withstand voltage	8 kV
[Ui] rated insulation voltage	1000 V conforming to IEC 60947-4-1 1500 V conforming to VDE 0110 group C
Interlocking type	Without start delta mechanical interlock
Mounting support	Plate
Standards	EN 60947-1 EN 60947-4-1 IEC 60947-1 IEC 60947-4-1 JIS C8201-4-1
Product certifications	ABS CCC CSA DNV LROS (Lloyds register of shipping) RINA RMRoS UL CB

Komplementarno

[Ith] conventional free air thermal current	200 A at <= 40 °C
Irms rated making capacity	1150 A conforming to IEC 60947-4-1
Rated breaking capacity	920 A conforming to IEC 60947-4-1
[Icw] rated short-time withstand current	1100 A at <= 40 °Cfor 10 s 640 A at <= 40 °Cfor 30 s 520 A at <= 40 °Cfor 1 min 400 A at <= 40 °Cfor 3 min 320 A at <= 40 °Cfor 10 min
Associated fuse rating	125 A aM at <= 440 V 200 A gG at <= 440 V
Connections - terminals	Screw clamp terminalsfor control circuit 1 1...4 mm ² flexible without cable end Screw clamp terminalsfor control circuit 2 1...4 mm ² 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 poplunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

Screw clamp terminals for control circuit 1 1...4 mm² flexible with cable end
 Screw clamp terminals for control circuit 2 1...2.5 mm² flexible with cable end
 Screw clamp terminals for control circuit 1 1...4 mm² solid without cable end
 Screw clamp terminals for control circuit 2 1...4 mm² solid without cable end
 Bar for power circuit 2 20 x 3 mm
 Bolted connection for power circuit
 Lugs-ring terminals for power circuit 1 95 mm²
 Connector for power circuit 1 95 mm²

Bolt diameter	M6
Tightening torque	1.2 N.m for control circuit 10 N.m for power circuit
Operating time	23...35 ms closing 5...15 ms opening
Mechanical durability	10 Mcycles
Operating rate	2400 cyc/h at ≤ 55 °C
Starting time	20 s
Control circuit voltage limits	0.85...1.1 U _c at 55 °C operational 50/60 Hz 0.35...0.55 U _c at 55 °C drop-out 50/60 Hz
Inrush power in VA	550 VA at 20 °C 0.3 50 Hz 660 VA at 20 °C 0.3 60 Hz
Hold-in power consumption in VA	45 VA at 20 °C 0.3 50 Hz 55 VA at 20 °C 0.3 60 Hz
Heat dissipation	12...16 W

Okolina

IP degree of protection	IP20 front face with shrouds conforming to IEC 60529 IP20 front face with shrouds conforming to VDE 0106
protective treatment	TH
ambient air temperature for storage	-60...80 °C
ambient air temperature for operation	-40...70 °C at U _c -5...55 °C
operating altitude	3000 m without derating in temperature
mechanical robustness	Vibrations contactor open 2 Gn, 5...300 Hz Shocks contactor closed 15 Gn for 11 ms Vibrations contactor closed 6 Gn, 5...300 Hz Shocks contactor open 9 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