



Glavno

Range	TeSys
Product name	TeSys Integral 63
Product or component type	Contacteur breaker
Device short name	LD4LD

Komplementarno

Utilisation category	AC-1 AC-43
Poles description	3P
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Ie] rated operational current	63 A AC AC-1 63 A AC AC-43
[Ith] conventional free air thermal current	63 A at <= 40 °C
Motor power kW	15 kW at 220...240 V AC 50/60 Hz 33 kW at 440 V AC 50/60 Hz 37 kW at 500 V AC 50/60 Hz 30 kW at 400 V AC 50/60 Hz 33 kW at 415 V AC 50/60 Hz 55 kW at 660 V AC 50/60 Hz
[Uc] control circuit voltage	230...240 V AC 60 Hz
Test function	Self test
Control type	Knob emergency stop red front conforming to CNOMO
Irms rated making capacity	756 A conforming to IEC 60947-4 946 A conforming to IEC 60947-4
[Ipk] rated peak withstand current	105 kA conforming to IEC 60947-2
Breaking capacity	Icu 10 kA at 600...690 V (cos φ 0.5) conforming to IEC 60947-2 Icu 30 kA at 480...525 V (cos φ 0.25) conforming to IEC 60947-2 Icu 50 kA at <= 440 V (cos φ 0.25) conforming to IEC 60947-2
[Ics] rated service breaking capacity	10 kA at 600...690 V conforming to IEC 60947-2 35 kA at 480...525 V conforming to IEC 60947-2 50 kA at <= 440 V conforming to IEC 60947-2
Maximum breaking time	<= 4 ms
Thermal stress limit	300000 A ² .s
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-4
Control circuit voltage limits	0.25...0.7 Uc drop-out at <= 55 °C 0.85...1.1 Uc operation at <= 55 °C
[Ui] rated insulation voltage	690 V conforming to IEC 60947-1
Inrush power in VA	450 VA at 20 °C 60 Hz
Hold-in power consumption in VA	25 VA at 20 °C
Heat dissipation	11 W at 60 Hz for control circuit 5 W at 32 A per pole, hot state for power circuit 7 W at 50 A per pole, hot state for power circuit 9 W at 63 A per pole, hot state for power circuit 4.4 W at 25 A per pole, hot state for power circuit 5.8 W at 40 A per pole, hot state for power circuit
Operating time	12...35 ms AC network closing at 20 °C for control circuit 7...20 ms AC network opening at 20 °C for control circuit

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.
Niti društvo Schneider Electric, Industries SAS niti bilo koje od njegovih povezanih podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

Electrical durability	1 Mcycles on AC-3 - Icu 3 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.9 Mcycles on AC-3 - Icu 10 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.6 Mcycles on AC-3 - Icu 25 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.5 Mcycles on AC-3 - Icu 35 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.2 Mcycles on AC-3 - Icu 50 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc
Mechanical durability	1.2 Mcycles
Connections - terminals	Power circuit: screw clamp terminals 1 cable 6...50 mm ² - cable stiffness: flexible - without cable end Power circuit: screw clamp terminals 2 cable 6...25 mm ² - cable stiffness: flexible - without cable end Power circuit: screw clamp terminals 1 cable 6...25 mm ² - cable stiffness: flexible - with cable end Power circuit: screw clamp terminals 2 cable 6...25 mm ² - cable stiffness: flexible - with cable end Power circuit: screw clamp terminals 1 cable 6...50 mm ² - cable stiffness: solid
Tightening torque	Power circuit: 6 N.m - on screw clamp terminals
Width	90 mm
Height	243 mm
Depth	192 mm
Product weight	3.8 kg

Okolina

standards	BS 4752 BS 4941 BS 5424 IEC 60158-1 IEC 60204-1 IEC 60204-2 IEC 60364 IEC 60947-1 IEC 60947-2 IEC 60947-4 NBN NEN NF C 20-040 NF C 63-110 NF C 63-120 NF C 63-130 NF C 63-650 NF C 79-100 VDE 0100 VDE 0110 VDE 0113 VDE 0170 VDE 0171 VDE 0660 VDE 471
product certifications	ASE ASEFA ASTA BV CSA DEMKO DNV GL LROS (Lloyds register of shipping) NEMKO NKK OVE RINA SCC SETI UL USSR
protective treatment	TH
ambient air temperature for operation	-20...60 °C
ambient air temperature for storage	-40...80 °C
mechanical robustness	Vibrations de-energised state 3 Gn, 1...300 Hz Vibrations energised state 3 Gn, 1...300 Hz Shocks de-energised state 8 Gn for 11 ms Shocks energised state 8 Gn for 11 ms
IP degree of protection	IP20 B conforming to IEC 60144

operating altitude	3000 m without derating
--------------------	-------------------------

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0839 - Schneider Electric declaration of conformity	Compliant - since 0839 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available