



Glavno

Range	TeSys
Product name	TeSys F
Product or component type	Contactora
Device short name	LC1F
Contactora application	Resistive load
Utilisation category	AC-1
Poles description	2P
Pole contact composition	2 NO
[Ue] rated operational voltage	<= 1000 V AC 50/60 Hz <= 460 V DC
[Ie] rated operational current	700 A (<= 40 °C) at <= 440 V AC AC-1

Komplementarno

[Uimp] rated impulse withstand voltage	8 kV
Overtoltage category	III
[Ith] conventional free air thermal current	700 A at <= 40 °C
Irms rated making capacity	5000 A AC conforming to IEC 60947-4-1
Rated breaking capacity	4000 A conforming to IEC 60947-4-1
[Icw] rated short-time withstand current	4200 A <= 40 °C 10 s 3200 A <= 40 °C 30 s 2400 A <= 40 °C 1 min 1500 A <= 40 °C 3 min 1200 A <= 40 °C 10 min
Associated fuse rating	500 A aM at <= 440 V 800 A gG at <= 440 V
Average impedance	0.18 mOhm at 50 Hz - Ith 700 A
[Ui] rated insulation voltage	1000 V conforming to IEC 60947-4-1 1500 V conforming to VDE 0110 group C
Power dissipation per pole	88 W AC-1
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 BV CSA DNV LROS (Lloyds register of shipping) RINA RMRoS UL CB
Connections - terminals	Power circuit: lugs-ring terminals 2 cable(s) 240 mm ² Power circuit : bar 2 x (40 x 5 mm)
Tightening torque	Power circuit: 35 N.m

Okolina

IP degree of protection	IP20 front face with shrouds (ordered separately) conforming to IEC 60529 IP20 front face with shrouds (ordered separately) conforming to VDE 0106
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protective treatment	TH
ambient air temperature for operation	-5...55 °C
ambient air temperature for storage	-60...80 °C
permissible ambient air temperature around the device	-40...70 °C
operating altitude	3000 m without derating
mechanical robustness	Vibrations resistance contactor open 2 Gn, 5...300 Hz Shocks resistance contactor open 9 Gn for 11 ms Shocks resistance contactor closed 15 Gn for 11 ms Vibrations resistance contactor closed 4 Gn, 5...300 Hz
height	238 mm
width	233 mm
depth	232 mm
product weight	9.75 kg

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0852 - Schneider Electric declaration of conformity	Compliant - since 0852 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available