



Main

Range of product	TeSys F
Product or component type	Contactor coil
Product compatibility	LC1F500
Control circuit type	AC
Coil type	Low consumption
[Uc] control circuit voltage	110...120 V AC 50/60 Hz

Complementary

Auxiliary contact composition	1 NO
Average resistance	260 Ohm at 20 °C sealed 9.55 Ohm at 20 °C inrush
Inductance of closed circuit	1.25 H
Inrush power in VA	1050...1150 VA at 20 °C (cos φ 0.9)
Hold-in power consumption in VA	16...20 VA at 20 °C (cos φ 0.9) 50/60 Hz
Operating time	100...170 ms opening 40...75 ms closing
Mechanical durability	10000000 cycles
Operating rate	2400 cyc/h at ≤ 55 °C
Connections - terminals	Connector control circuit: 1 cable 1...4 mm ² - cable stiffness: flexible - with cable end Connector control circuit: 1 cable 1...4 mm ² - cable stiffness: flexible - without cable end Connector control circuit: 1 cable 1...4 mm ² - cable stiffness: solid - without cable end Connector control circuit: 2 cable 1...2.5 mm ² - cable stiffness: flexible - with cable end Connector control circuit: 2 cable 1...4 mm ² - cable stiffness: flexible - without cable end
Tightening torque	1.2 N.m control circuit: - on connector
Product weight	1.15 kg

Environment

Heat dissipation	18 W at 50/60 Hz for control circuit
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