



Main

Range of product	TeSys F
Product or component type	Contacteur 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 ? 0.9)
Hold-in power consumption in VA	16...20 VA at 20 °C (cos ? 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
------------------	--------------------------------------

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.