



### Main

Range of product	TeSys F
Product or component type	Contactor coil
Product compatibility	LC1F115 LC1F150
Control circuit type	AC
Coil type	Standard
[Uc] control circuit voltage	24 V AC 50 Hz

### Complementary

Auxiliary contact composition	1 NO
Average resistance	0.27 Ohm
Inductance of closed circuit	0.04 H
Inrush power in VA	550 VA at 20 °C
Hold-in power consumption in VA	45 VA at 20 °C (cos φ 0.3) 50 Hz
Operating time	23...35 ms closing 5...15 ms opening
Mechanical durability	10000000 cycles
Operating rate	2400 cyc/h at ≤ 55 °C
Connections - terminals	Control circuit: connector 1 cable 1...4 mm <sup>2</sup> - cable stiffness: flexible - with cable end Control circuit: connector 1 cable 1...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end Control circuit: connector 1 cable 1...4 mm <sup>2</sup> - cable stiffness: solid - without cable end Control circuit: connector 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Control circuit: connector 2 cable 1...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end
Tightening torque	Control circuit: 1.2 N.m - on connector
Product weight	0.43 kg

### Environment

Ambient air temperature for operation	≤ 55 °C
Heat dissipation	12...16 W at 50 Hz for control circuit