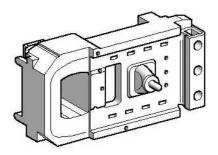
Product data sheet Characteristics

LX1FX415

coil LX1-F - TeSys F - 415...480 V AC 40/400Hz



Main

| Range of product | TeSys F |
|------------------------------|---|
| Product or component type | Contactor coil |
| Product compatibility | LC1F780 |
| Control circuit type | AC |
| Coil type | Standard |
| [Uc] control circuit voltage | 415480 V AC 50/60 Hz 440 V AC 50/60 Hz |

Complementary

| Auxiliary contact composition | 1 NO |
|---------------------------------|--|
| Average resistance | 3340 Ohm at 20 °C sealed |
| | 74.3 Ohm at 20 °C inrush |
| Inrush power in VA | 19002300 VA at 20 °C (cos ? 0.9) |
| Hold-in power consumption in VA | 4555 VA at 20 °C (cos ? 0.9) 50/60 Hz |
| Operating time | 130230 ms opening |
| | 4080 ms closing |
| Mechanical durability | 10000000 cycles |
| Operating rate | 600 cyc/mn at <= 55 °C |
| Connections - terminals | Connector control circuit: 1 cable 14 mm² - cable stiffness: flexible - with cable end |
| | Connector control circuit: 1 cable 14 mm² - cable stiffness: flexible - without cable end |
| | Connector control circuit: 1 cable 14 mm² - cable stiffness: solid - without cable end |
| | Connector control circuit: 2 cable 12.5 mm ² - cable stiffness: flexible - with cable end |
| | Connector control circuit: 2 cable 14 mm² - cable stiffness: flexible - without cable end |
| Tightening torque | 1.2 N.m control circuit: - on connector |
| Product weight | 3 kg |

Environment

| Ambient air temperature for operation | <= 55 °C |
|---------------------------------------|--------------------------------------|
| Heat dissipation | 44 W at 50/60 Hz for control circuit |