



TeSys F - contactor coil - LX4FF - 110 V DC wide range

LX4FF090

! To be discontinued on: 31-Dec-2028

! To be discontinued

Main

| Range | TeSys | |
|------------------------------|---|--|
| Product or component type | Contactor coil | |
| Device short name | LX4FF | |
| Range compatibility | TeSys TeSys F LC1F contactor | |
| Product compatibility | LC1F150 LC1F115 | |
| Control circuit type | DC wide range | |
| [Uc] control circuit voltage | 110 V DC | |
| Inductance of closed circuit | 121 H | |
| Average resistance | 13.2 Ohm inrush at 20 °C 1970 Ohm holding at 20 °C | |
| Operating time | 3040 ms closing 3050 ms opening | |
| Mechanical durability | durability 1 Mcycles | |
| Maximum operating rate | 60 cyc/h 70 °C | |

Complementary

| Coil technology | Without built-in suppressor module | |
|--------------------------------|---|--|
| Control circuit voltage limits | Operational: 0.71.25 Uc (at 70 °C) Drop-out: 0.20.45 Uc (at 70 °C) | |
| Inrush power in W | 560 W (at 20 °C) | |
| Hold-in power consumption in W | 4.5 W at 20 °C | |

Environment

| Ambient air temperature for operation | -5570 °C |
|---------------------------------------|----------|
| Net weight | 0.43 kg |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|---------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.4 cm |
| Package 1 Width | 18.0 cm |
| Package 1 Length | 10.6 cm |

| Package 1 Weight | 508.0 g |
|------------------------------|----------|
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 14 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 7.625 kg |

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

| Ø | Reach Free Of Svhc | |
|----------|----------------------------|-----|
| Ø | Toxic Heavy Metal Free | |
| 9 | Mercury Free | |
| ⊘ | Rohs Exemption Information | Yes |

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|--|
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |