Product datasheet

Specifications





TeSys F - contactor coil - LX1FH -220...230 V AC 40...400 Hz

LX1FH2202

(!) To be discontinued on: 31-Dec-2028

(!) To be discontinued

Main

| Range | TeSys |
|------------------------------|---|
| Product or component type | Contactor coil |
| Device short name | LX1FH |
| Range compatibility | TeSys TeSys F LC1F contactor |
| Product compatibility | LC1F265 LC1F330 |
| Control circuit type | AC at 40400 Hz |
| [Uc] control circuit voltage | 220230 V AC 40400 Hz |
| Average resistance | 70.6 Ohm inrush at 20 °C 1578 Ohm holding at 20 °C |
| Operating time | 100170 ms opening 4065 ms closing |
| Mechanical durability | 10 Mcycles |
| Maximum operating rate | 2400 cyc/h 55 °C |

Complementary

| Coil technology | Without built-in suppressor module |
|---------------------------------|--|
| Control circuit voltage limits | Drop-out: 0.350.55 Uc 40400 Hz (at 55 °C) Operational: 0.851.1 Uc 40400 Hz (at 55 °C) |
| Inrush power in VA | 650 VA 40400 Hz cos phi 0.9 (at 20 °C) |
| Hold-in power consumption in VA | 10 VA 40400 Hz cos phi 0.3 (at 20 °C) |
| Heat dissipation | 8 W at 40400 Hz |

Environment

| Ambient air temperature for operation | -555 °C |
|--|---------|
| Net weight | 0.75 kg |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|-----------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.500 cm |
| Package 1 Width | 10.000 cm |
| Package 1 Length | 19.000 cm |

| Package 1 Weight | 861.000 g |
|------------------------------|-----------|
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 10.785 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 96 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 97.916 kg |

Contractual warranty

Warranty

18 months

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Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc
Toxic Heavy Metal Free
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 |