

Product data sheet

Specifications



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



LX1FH2202

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 40...400 Hz |
| [Uc] control circuit voltage | 220...230 V AC 40...400 Hz |
| Average resistance | 70.6 Ohm inrush at 20 °C 1578 Ohm holding at 20 °C |
| Operating time | 100...170 ms opening 40...65 ms closing |
| Mechanical durability | 10 Mcycles |
| Maximum operating rate | 2400 cyc/h 55 °C |

Complementary

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|---------------------------------|--|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | Drop-out: 0.35...0.55 Uc 40...400 Hz (at 55 °C) Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C) |
| Inrush power in VA | 650 VA 40...400 Hz cos phi 0.9 (at 20 °C) |
| Hold-in power consumption in VA | 10 VA 40...400 Hz cos phi 0.3 (at 20 °C) |
| Heat dissipation | 8 W at 40...400 Hz |

Environment

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|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Net weight | 0.75 kg |

Packing Units

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|------------------------------|-----|
| 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 |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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