

# Product data sheet

Specifications



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

LX1FH2202

! To be discontinued on: 31 December 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<br>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<br>1578 Ohm holding at 20 °C |
| Operating time               | 100...170 ms opening<br>40...65 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: 0.35...0.55 Uc 40...400 Hz (at 55 °C)<br>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

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °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 |

## Offer Sustainability

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

## Contractual warranty

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

## Recommended replacement(s)