# Product data sheet
## Characteristics

# LX1FJ380
## TeSys F - contactor coil - LX1FJ - 380...400V AC 40...400 Hz



## Main

| | |
|---|---|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1FJ |
| Range compatibility | TeSys TeSys F LC1F contactor |
| Product compatibility | LC1F400 |
| Control circuit type | AC at 40...400 Hz |
| [Uc] control circuit voltage | 380...400 V AC 40...400 Hz |
| Inductance of closed circuit | 15.8 H |
| Average resistance | 120 Ohm inrush at 20 °C<br>3310 Ohm holding at 20 °C |
| Operating time | 100...170 ms opening<br>40...75 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 | Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C)<br>Drop-out: 0.3...0.5 Uc 40...400 Hz (at 55 °C) |
| Inrush power in VA | 1075 VA 40...400 Hz cos phi 0.9 (at 20 °C) |
| Hold-in power consumption in VA | 15 VA 40...400 Hz cos phi 0.3 (at 20 °C) |
| Heat dissipation | 14 W at 40...400 Hz |

## Environment

| | |
|---|---|
| Ambient air temperature for operation | -5…55 °C |
| Net weight | 1 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 | 18.500 Cm |
| Package 1 Weight | 1.073 Kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 30.000 Cm |

| | |
|---|---|
| Package 2 Width | 30.000 Cm |
| Package 2 Length | 40.000 Cm |
| Package 2 Weight | 7.276 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 95 |
| Total lifecycle Carbon footprint | 70 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.9122731131826548 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.9 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.049774529084509175 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0003999825873412172 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 68.82266544572599 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 69 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.28693227533080673 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.3 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 70 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | 975ba4d0-bc82-40e2-8faa-6f6819f63b0c |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| End of life manual availability | End Of Life Information |
| Take-back | No |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

Product Life Status : End of commerc. announced