# Product data sheet
## Characteristics

# LX9FJ931
## TeSys F - specific contactor coil - 220...230 V AC 40...400 Hz low consumption

## Main

| | |
|---|---|
| Range | TeSys |
| Product or Component Type | Specific contactor coil |
| Device short name | LX9FJ |
| Range compatibility | TeSys (TeSys F) LC1F contactor<br>TeSys (TeSys F) DR5TE rectifier |
| Product Compatibility | LC1F400<br>DR5TE |
| Control circuit type | AC 40...400 Hz low consumption<br>DC low consumption |
| [Uc] control circuit voltage | 220...230 V AC 40...400 Hz<br>220...230 V DC |
| Inductance of closed circuit | 5 H |
| Average resistance | 99.5 Ohm inrush 68 °F (20 °C)<br>919 Ohm holding 68 °F (20 °C) |
| Operating time | 60 ms opening<br>50 ms closing |
| Mechanical durability | 10 Mcycles |
| Maximum operating rate | 3600 cyc/h 158 °F (70 °C) |

## Complementary

| | |
|---|---|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | Operational 0.85...1.1 Uc 131 °F (55 °C))<br>Drop-out 0.3...0.5 Uc 131 °F (55 °C)) |
| Inrush power in VA | 500 VA 40...400 Hz 68 °F (20 °C)) |
| Hold-in power consumption in VA | 23 VA 40...400 Hz 68 °F (20 °C)) |
| Heat dissipation | 11.4…13.9 W |

## Environment

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|---|---|
| Ambient Air Temperature for Operation | 23…131 °F (-5…55 °C) |
| Net Weight | 2.14 lb(US) (0.97 kg) |

## Ordering and shipping details

| | |
|---|---|
| Category | 22341-CONTACTOR,D,K,&F ACCESS |
| Discount Schedule | I12 |
| GTIN | 3389110083880 |
| Returnability | No |
| Country of origin | CZ |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.74 in (9.5 cm) |
| Package 1 Width | 4.13 in (10.5 cm) |
| Package 1 Length | 7.32 in (18.6 cm) |
| Package 1 Weight | 2.47 lb(US) (1.12 kg) |
| Unit Type of Package 2 | S03 |

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| | |
|---|---|
| Number of Units in Package 2 | 6 |
| Package 2 Height | 11.81 in (30.0 cm) |
| Package 2 Width | 11.81 in (30.0 cm) |
| Package 2 Length | 15.75 in (40.0 cm) |
| Package 2 Weight | 16.57 lb(US) (7.518 kg) |

## Offer Sustainability

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