

Product data sheet

Characteristics

LX9FG220

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 | LX9FG |
| Range compatibility | TeSys F LC1F contactor |
| Product compatibility | LC1F225 LC1F185 |
| Control circuit type | AC at 40...400 Hz low consumption |
| [Uc] control circuit voltage | 220...230 V AC 40...400 Hz |
| Average resistance | 1680 Ohm holding at 20 °C 42.1 Ohm inrush at 20 °C |
| Inductance of closed circuit | 5.84 H |
| Operating time | 130 ms opening 35 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 | Operational: 0.85...1.1 Uc (at 55 °C) Drop-out: 0.35...0.55 Uc (at 55 °C) |
| Inrush power in VA | 950...1180 VA 40...400 Hz (at 20 °C) |
| Hold-in power consumption in VA | 8.9...10.9 VA 40...400 Hz (at 20 °C) |
| Heat dissipation | 8...9.8 W |

Environment

| | |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Net weight | 0.55 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 |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

Contractual warranty

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



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