

Product datasheet

Specifications



TeSys F - contactor coil - LX1FG - 220...230 V AC 50 Hz - 265...277 V AC 60 Hz

LX1FG220

⚠ Discontinued on: 31 Dec 2020

⚠ End-of-service on: 8 Oct 2021

⚠ Discontinued

Main

| | |
|------------------------------|--|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1FG |
| Range compatibility | TeSys TeSys F LC1F contactor |
| Product compatibility | LC1F185 LC1F225 |
| Control circuit type | AC at 50/60 Hz |
| [Uc] control circuit voltage | 220...230 V AC 50 Hz 265...277 V AC 60 Hz |
| Inductance of closed circuit | 2.59 H |
| Average resistance | 16.5 Ohm at 20 °C |
| Operating time | 20...35 ms closing 7...15 ms opening |
| 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 50/60 Hz (at 55 °C) Operational: 0.85...1.1 Uc 50/60 Hz (at 55 °C) |
| Inrush power in VA | 805 VA 50 Hz cos phi 0.3 (at 20 °C) 970 VA 60 Hz cos phi 0.3 (at 20 °C) |
| Hold-in power consumption in VA | 55 VA 50 Hz cos phi 0.3 (at 20 °C) 66 VA 60 Hz cos phi 0.3 (at 20 °C) |
| Heat dissipation | 18...24 W at 50/60 Hz |

Environment

| | |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Net weight | 0.55 kg |

Packing Units

| | |
|------------------------------|-----|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|------------------|-------|
| Package 1 Height | 7 cm |
| Package 1 Width | 8 cm |
| Package 1 Length | 16 cm |
| Package 1 Weight | 545 g |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 12 months |
|----------|-----------|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Packaging

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)