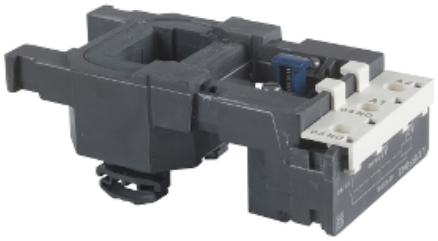
# Product datasheet
## Characteristics

# LX1FF500
## TeSys F - contactor coil - LX1FF - 500 V AC 50 Hz

Green Premium™

Price* : 89.33 GBP



## Main

| | |
|---|---|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1FF |
| Range compatibility | TeSys F LC1F contactor |
| Product compatibility | LC1F115<br>LC1F150 |
| Control circuit type | AC at 50 Hz |
| [Uc] control circuit voltage | 500 V AC 50 Hz |
| Average resistance | 141 Ohm at 20 °C |
| Inductance of closed circuit | 17 H |
| Operating time | 23...35 ms closing<br>5...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)<br>Operational: 0.85...1.1 Uc 50/60 Hz (at 55 °C) |
| Inrush power in VA | 550 VA 50 Hz cos phi 0.3 (at 20 °C) |
| Hold-in power consumption in VA | 45 VA 50 Hz cos phi 0.3 (at 20 °C) |
| Heat dissipation | 12…16 W at 50 Hz |

## Environment

| | |
|---|---|
| Ambient air temperature for operation | -5…55 °C |
| Product weight | 0.43 kg |

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

## 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)<br>EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| 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 |