

# LX1FK600

TeSys F - contactor coil - LX1FK - 550...600 V AC  
40...400 Hz



Price\* : 231.00 GBP



## Main

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| Range                        | TeSys                                                |
| Product or component type    | Contactor coil                                       |
| Device short name            | LX1FK                                                |
| Range compatibility          | TeSys F LC1F contactor                               |
| Product compatibility        | LC1F500                                              |
| Control circuit type         | AC at 40...400 Hz                                    |
| [Uc] control circuit voltage | 550...600 V AC 40...400 Hz                           |
| Average resistance           | 232 Ohm inrush at 20 °C<br>5660 Ohm holding at 20 °C |
| Inductance of closed circuit | 23.9 H                                               |
| 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              | 1100 VA 40...400 Hz cos phi 0.9 (at 20 °C)                                                         |
| Hold-in power consumption in VA | 18 VA 40...400 Hz cos phi 0.3 (at 20 °C)                                                           |
| Heat dissipation                | 18 W at 40...400 Hz                                                                                |

## Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Product weight                        | 1.15 kg    |

## Offer Sustainability

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                             |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                 |
| REACH free of SVHC         | Yes                                                                                               |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes                                                                                               |
| Mercury free               | Yes                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                               |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                            |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                     |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                           |

## Contractual warranty

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