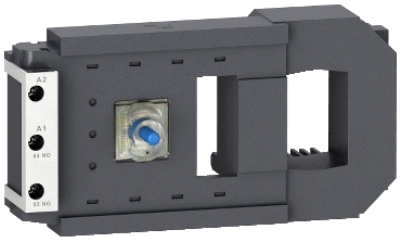
*Product datasheet*
*Characteristics*

# LX1FL220

TeSys F - contactor coil - LX1FL - 220...240 V AC 40...400 Hz



## Main

| | |
|---|---|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1FL |
| Range compatibility | TeSys F LC1F contactor |
| Product compatibility | LC1F630<br>LC1F1250 |
| Control circuit type | AC 40...400 Hz |
| [Uc] control circuit voltage | 220...240 V AC 40...400 Hz |
| Average resistance | 25.5 Ohm inrush at 20 °C<br>730 Ohm holding at 20 °C |
| Inductance of closed circuit | 3.35 H |
| Operating time | 100...200 ms opening<br>40...80 ms closing |
| Mechanical durability | 5 Mcycles |
| Operating rate | <= 1200 cyc/h at <= 55 °C |

## Complementary

| | |
|---|---|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | 0.85...1.1 Uc at 55 °C operational 40...400 Hz<br>0.25...0.5 Uc at 55 °C drop-out 40...400 Hz |
| Inrush power in VA | 1650 VA at 20 °C (cos f 0.9) 40...400 Hz |
| Hold-in power consumption in VA | 22 VA at 20 °C (cos f 0.3) 40...400 Hz |
| Heat dissipation | 20 W at 40...400 Hz |

## Environment

| | |
|---|---|
| ambient air temperature for operation | > -5...55 °C |
| product weight | 1.5 kg |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0830 - Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |