



### Main

|                              |  |
|------------------------------|--|
| Range                        | TeSys  |
| Product or component type    | Contactor coil                                       |
| Device short name            | LX1FH  |
| Range compatibility          | TeSys F LC1F contactor                               |
| Product compatibility        | LC1F265<br>LC1F330                                   |
| Control circuit type         | AC 40...400 Hz                                       |
| [Uc] control circuit voltage | 380...415 V AC 40...400 Hz                           |
| Average resistance           | 217 Ohm inrush at 20 °C<br>4631 Ohm holding at 20 °C |
| Operating time               | 100...170 ms opening<br>40...65 ms closing           |
| Mechanical durability        | 10 Mcycles   |
| Operating rate               | <= 2400 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>0.35...0.55 Uc at 55 °C drop-out 40...400 Hz |
| Inrush power in VA              | 650 VA at 20 °C (cos f 0.9) 40...400 Hz  |
| Hold-in power consumption in VA | 10 VA at 20 °C (cos f 0.3) 40...400 Hz   |
| Heat dissipation                | 8 W at 40...400 Hz   |

### Environment

|                                       |              |
|---------------------------------------|--------------|
| Ambient air temperature for operation | > -5...55 °C |
| Product weight                        | 0.75 kg      |

### Contractual warranty

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