

## Product data sheet

### Characteristics

## LXD1B7

TeSys Deca - contactor coil - LXD1 - 24 V AC  
50/60 Hz for 9... 38 A contactor



### Main

|                              |                                       |
|------------------------------|---------------------------------------|
| Range                        | TeSys                                 |
| Product or component type    | Contactor coil                        |
| Device short name            | LXD1                                  |
| Control circuit type         | AC at 50/60 Hz                        |
| [Uc] control circuit voltage | 24 V AC 50/60 Hz                      |
| Average resistance           | 5.37 Ohm at 20 °C                     |
| Inductance of closed circuit | 0.22 H                                |
| Product compatibility        | LC1D09...D38<br>CAD<br>LC1DT20...DT40 |
| Mechanical durability        | 15 Mcycles                            |
| Maximum operating rate       | 3600 cyc/h 60 °C                      |

### Complementary

|                                 |                                                                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Coil technology                 | Without built-in suppressor module                                                                                                                  |
| Control circuit voltage limits  | Drop-out: 0.3...0.6 Uc at 50/60 Hz (at <60 °C)<br>Operational: 0.8...1.1 Uc at 50 Hz (at <60 °C)<br>Operational: 0.85...1.1 Uc at 60 Hz (at <60 °C) |
| Inrush power in VA              | 70 VA 60 Hz cos phi 0.75 (at 20 °C)<br>70 VA 50 Hz cos phi 0.75 (at 20 °C)                                                                          |
| Hold-in power consumption in VA | 7.5 VA 60 Hz cos phi 0.3 (at 20 °C)<br>7 VA 50 Hz cos phi 0.3 (at 20 °C)                                                                            |
| Heat dissipation                | 2...3 W at 50/60 Hz                                                                                                                                 |

### Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...60 °C |
| Net weight                            | 0.07 kg    |

### Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 74.0 g   |
| Package 1 Height             | 4.0 cm   |
| Package 1 width              | 4.5 cm   |
| Package 1 Length             | 6.3 cm   |
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 100      |
| Package 2 Weight             | 7.744 kg |
| Package 2 Height             | 15.0 cm  |
| Package 2 width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |

## Offer Sustainability

|                            |                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                              |
| REACH Regulation           | <a href="#"> REACH Declaration</a>                                                                |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <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>                                                          |
| PVC free                   | Yes                                                                                                                                                                                |

## Contractual warranty

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