

# Product data sheet

Specifications



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

LXD1B7

### 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 Height             | 4.500 cm |
| Package 1 Width              | 6.300 cm |
| Package 1 Length             | 4.000 cm |
| Package 1 Weight             | 74.000 g |

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

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 2       | S02       |
| Number of Units in Package 2 | 100       |
| Package 2 Height             | 15.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 7.744 kg  |

## Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint  |                                               |
|--------------------------|-----------------------------------------------|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                           |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                       |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                       |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                |
| SCIP Number                            | A530c666-91dd-4119-8d61-f1c22a361ecb                                                                                                                                                                                                                      |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                         |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| PVC free                               | Yes                                                                                                                                                                                                                                                       |

Use Again

| Repack and remanufacture        |                                         |
|---------------------------------|-----------------------------------------|
| End of life manual availability | <a href="#">End of Life Information</a> |
| Take-back                       | No                                      |