

# Product data sheet

Specifications



## Contactor coil, TeSys Deca, LX1D6, 440V AC 50/60Hz for 80 and 95A contactor

LX1D6R7

### Main

|                              |                   |
|------------------------------|-------------------|
| Range                        | TeSys             |
| Product or component type    | Contactor coil    |
| Device short name            | LX1D6             |
| Control circuit type         | AC at 50/60 Hz    |
| [Uc] control circuit voltage | 440 V AC 50/60 Hz |
| Average resistance           | 410 Ohm at 20 °C  |
| Inductance of closed circuit | 27 H              |
| Product compatibility        | LC1D80<br>LC1D95  |
| Mechanical durability        | 4 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 <55 °C)<br>Operational: 0.8...1.1 Uc at 50 Hz (at <55 °C)<br>Operational: 0.85...1.1 Uc at 60 Hz (at <55 °C) |
| Inrush power in VA              | 245 VA 60 Hz cos phi 0.75 (at 20 °C)<br>245 VA 50 Hz cos phi 0.75 (at 20 °C)                                                                        |
| Hold-in power consumption in VA | 26 VA 60 Hz cos phi 0.3 (at 20 °C)<br>26 VA 50 Hz cos phi 0.3 (at 20 °C)                                                                            |
| Heat dissipation                | 6...10 W at 50/60 Hz                                                                                                                                |

### Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...60 °C |
| Product weight                        | 0.28 kg    |

### Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 5.500 cm  |
| Package 1 Width              | 9.000 cm  |
| Package 1 Length             | 12.500 cm |
| Package 1 Weight             | 312.000 g |
| Unit Type of Package 2       | S02       |

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

|                              |           |
|------------------------------|-----------|
| Number of Units in Package 2 | 16        |
| Package 2 Height             | 15.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 5.315 kg  |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 8 kg CO2 eq.                                  |
| Carbon footprint of the manufacturing phase [A1 to A3] | 2 kg CO2 eq.                                  |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0.1 kg CO2 eq.                                |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 5 kg CO2 eq.                                  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.7 kg CO2 eq.                                |
| 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                                                                                                                                                                                                                                                       |
| SCIP Number                            | 33f78681-eb6b-4762-93e0-d91a4cabd5c8                                                                                                                                                                                                                      |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                 |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</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> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Recyclability potential, in %   | 76                                       |
| End of life manual availability | No need of specific recycling operations |
| Take-back                       | No                                       |