

# Product data sheet

Specifications



## TeSys Deca - contactor coil - LXD1 - 500 V AC 50/60 Hz for 9- 38 A contactor

LXD1S7

### Main

|                              |                                       |
|------------------------------|---------------------------------------|
| Range                        | TeSys                                 |
| Product or component type    | Contactor coil                        |
| Device short name            | LXD1                                  |
| Control circuit type         | AC 50/60 Hz                           |
| [Uc] control circuit voltage | 500 V AC 50/60 Hz                     |
| Average resistance           | 2499 Ohm 68 °F (20 °C)                |
| Inductance of closed circuit | 95 H                                  |
| Product compatibility        | CAD<br>LC1D09...D38<br>LC1DT20...DT40 |
| Mechanical durability        | 15 Mcycles                            |
| Maximum operating rate       | 3600 cyc/h 140 °F (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 <140 °F (60 °C))<br>Operational: 0.8...1.1 Uc at 50 Hz (at <140 °F (60 °C))<br>Operational: 0.85...1.1 Uc at 60 Hz (at <140 °F (60 °C)) |
| Inrush power in VA              | 70 VA 60 Hz cos phi 0.75 (at 68 °F (20 °C))<br>70 VA 50 Hz cos phi 0.75 (at 68 °F (20 °C))                                                                                     |
| Hold-in power consumption in VA | 7.5 VA 60 Hz cos phi 0.3 (at 68 °F (20 °C))<br>7 VA 50 Hz cos phi 0.3 (at 68 °F (20 °C))                                                                                       |
| Heat dissipation                | 2...3 W 50/60 Hz                                                                                                                                                               |

### Environment

|                                       |                          |
|---------------------------------------|--------------------------|
| Ambient air temperature for operation | 23...140 °F (-5...60 °C) |
| Net weight                            | 0.15 lb(US) (0.07 kg)    |

### Packing Units

|                              |                     |
|------------------------------|---------------------|
| Unit Type of Package 1       | PCE                 |
| Number of Units in Package 1 | 1                   |
| Package 1 Height             | 1.614 in (4.100 cm) |
| Package 1 Width              | 1.811 in (4.600 cm) |
| Package 1 Length             | 2.638 in (6.700 cm) |
| Package 1 Weight             | 2.469 oz (70.000 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       | S01                     |
| Number of Units in Package 2 | 30                      |
| Package 2 Height             | 5.906 in (15.000 cm)    |
| Package 2 Width              | 5.906 in (15.000 cm)    |
| Package 2 Length             | 15.748 in (40.000 cm)   |
| Package 2 Weight             | 5.258 lb(US) (2.385 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

Environmental Disclosure

[Product Environmental Profile](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

EU RoHS Directive

[Compliant](#)

REACH Regulation

[Free of Substances of Very High Concern above the threshold](#)

PVC free

Yes

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Take-back

No