

# Product data sheet

Specifications



## Contactor coil, TeSys Deca, LX1D8, 120V AC 50/60Hz for 115 and 150A contactor

LX1D8G7

 To be discontinued on: Dec 31, 2031

 To be discontinued

### Main

|                              |                    |
|------------------------------|--------------------|
| Range                        | TeSys              |
| Product or component type    | Contactor coil     |
| Device short name            | LX1D8              |
| Control circuit type         | AC at 50/60 Hz     |
| [Uc] control circuit voltage | 120 V AC 50/60 Hz  |
| Average resistance           | 4377 Ohm at 20 °C  |
| Inductance of closed circuit | 109.69 H           |
| Product compatibility        | LC1D150<br>LC1D115 |
| Mechanical durability        | 8 Mcycles          |
| Maximum operating rate       | 1200 cyc/h 60 °C   |

### Complementary

|                                 |                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------|
| Coil technology                 | Without built-in suppressor module                                                                   |
| Control circuit voltage limits  | Drop-out: 0.3...0.5 Uc at 50/60 Hz (at <55 °C)<br>Operational: 0.8...1.15 Uc at 50/60 Hz (at <55 °C) |
| Inrush power in VA              | 280...350 VA 60 Hz cos phi 0.9 (at 20 °C)<br>280...350 VA 50 Hz cos phi 0.9 (at 20 °C)               |
| Hold-in power consumption in VA | 2...18 VA 60 Hz cos phi 0.9 (at 20 °C)<br>2...18 VA 50 Hz cos phi 0.9 (at 20 °C)                     |
| Heat dissipation                | 3...4.5 W at 50/60 Hz                                                                                |

### Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...60 °C |
|---------------------------------------|------------|

### Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 6.300 cm  |
| Package 1 Width              | 11.600 cm |
| Package 1 Length             | 17.000 cm |
| Package 1 Weight             | 294.000 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

# 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                            | 33f78681-eb6b-4762-93e0-d91a4cabd5c8                                                                                                                                                                                                                      |
| 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> |

Use Again

| Repack and remanufacture        |                                          |
|---------------------------------|------------------------------------------|
| End of life manual availability | No need of specific recycling operations |
| Take-back                       | No                                       |