# LC1DT80AEHE

## Schneider Electric LC1DT80AEHE - Contactor, TeSys Deca Advanced, 4P(4NO), AC-1, <=440V, 80A, 48...130V AC/DC coil, EverLink BTR screws

**BRAND**
Schneider Electric

**PRODUCT FAMILY**
TeSys Deca

**SUPPLY BASIS**
RFQ / on request - no stock claim

**ORDER CODE / PRODUCT REFERENCE**
LC1DT80AEHE

**CATEGORY**
Contactor

**RECORD IDENTITY**
Catalog identity matched

### PRODUCT DESCRIPTION

TeSys D contactor, 4 poles (4NO), for non-inductive load applications up to 80A/690V AC-1. It provides a low consumption 48-130V AC/DC coil with electronic control, 1NO+1NC built-in auxiliary contacts (NC mirror certified), power connection by EverLink BTR screw connectors, control connection by screw clamp terminals. For operating rates until 3600 cycles/hour and environments until 60°C, it procures high reliability and durability. Compact (70mm width), DIN-rail mounting or screw fixing. Multi standards certified (IEC, UL, CSA, CCC, EAC, Marine), Green Premium compliant (RoHS/REACh). Schneider Electric LC1DT80AEHE is the exact active commercial reference for Contactor, TeSys Deca Advanced, 4P(4NO), AC-1, <=440V, 80A, 48...130V AC/DC coil, EverLink BTR screws in the TeSys Deca range for industrial motor and load control. This contactor supports industrial motor starters, process equipment, pumps, compressors, HVAC installations and heavy-duty electrical panels. Official Schneider characteristics include Range of product: TeSys Deca Advanced; Product or component type: Contactor; Device short name: LC1D; Contactor application: Resistive load; Utilisation category: AC-1; Poles description: 4P; [Ue] rated operational voltage: Power circuit: <= 690 V AC 25...400 Hz; [Ie] rated operational current: 80 A (at <60 °C) at <= 440 V AC-1 for power circuit. The reference appears in Schneider Electric TeSys catalog MKTED210011EN version 17.1 and its exact regional product page confirms cu

### RECORDED SPECIFICATIONS

| | |
|---|---|
| **Protective cover** | With |
| **Range of product** | TeSys Deca Advanced |
| **Device short name** | LC1D |
| **Poles description** | 4P |
| **Compatibility code** | LC1D |
| **Official lifecycle** | Current official manufacturer lifecycle evidence |
| **Utilisation category** | AC-1 |
| **Contactor application** | Resistive load |
| **Rated breaking capacity** | 1000 A at 440 V for power circuit conforming to IEC 60947 |
| **Manufacturer part number** | LC1DT80AEHE |

## ADDITIONAL SPECIFICATIONS

| | |
|---|---|
| **Pole contact composition** | 4 NO |
| **Product or component type** | Contactor |
| **Irms rated making capacity** | |
| **[Uc] control circuit voltage** | 48...130 V AC 50/60 Hz 48...130 V DC |
| **[Ie] rated operational current** | 80 A (at <60 °C) at <= 440 V AC-1 for power circuit |
| **[Ue] rated operational voltage** | Power circuit: <= 690 V AC 25...400 Hz |
| **[Icw] rated short-time withstand current** | |
| **[Ith] conventional free air thermal current** | 80 A (at 60 °C) for power circuit 10 A (at 60 °C) for signalling circuit |

## MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.