# LC1D50AK7

## Schneider Electric LC1D50AK7 - Contactor, TeSys Deca, 3P(3 NO), AC-3/AC-3e, <=400V, 50A, 100V AC 50/60Hz coil, screw clamp terminals

**BRAND**
Schneider Electric

**PRODUCT FAMILY**
TeSys Deca

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

**ORDER CODE / PRODUCT REFERENCE**
LC1D50AK7

**CATEGORY**
Contactor

**RECORD IDENTITY**
Catalog identity matched

### PRODUCT DESCRIPTION

TeSys D contactor, 3 poles (3NO), for motor control applications up to 50A/440V AC-3/3e (22kW@400V). It provides a 100V 50/60Hz AC coil, 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 (55mm width), DIN-rail mounting or screw fixing. Multi standards certified (IEC, UL, CSA, CCC, EAC, Marine), Green Premium compliant (RoHS/REACh). Schneider Electric LC1D50AK7 is the exact active commercial reference for Contactor, TeSys Deca, 3P(3 NO), AC-3/AC-3e, <=400V, 50A, 100V AC 50/60Hz coil, screw clamp terminals 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: TeSys TeSys Deca; Range of product: TeSys Deca; Product or component type: Contactor; Device short name: LC1D; Contactor application: Resistive load Motor control; Utilisation category: AC-3 AC-3e AC-1 AC-4; Poles description: 3P; [Ue] rated operational voltage: Power circuit: Power circuit: <= 300 V DC. The reference appears in Schneider Electric TeSys catalog MKTED210011EN version 17.1 and its exact regional product page confirms current commercial availability. For an RFQ, use the complete part n

### RECORDED SPECIFICATIONS

| | |
|---|---|
| **Range** | TeSys TeSys Deca |
| **Motor power hp** | |
| **Motor power kW** | |
| **Protective cover** | With |
| **Range of product** | TeSys Deca |
| **Device short name** | LC1D |
| **Poles description** | 3P |
| **Compatibility code** | LC1D |
| **Official lifecycle** | Current official manufacturer lifecycle evidence |
| **Utilisation category** | AC-3 AC-3e AC-1 AC-4 |

## ADDITIONAL SPECIFICATIONS

| | |
|---|---|
| **Contactor application** | Resistive load Motor control |
| **Manufacturer part number** | LC1D50AK7 |
| **Pole contact composition** | 3 NO |
| **Product or component type** | Contactor |
| **[Uc] control circuit voltage** | 100 V AC 50/60 Hz |
| **[Ie] rated operational current** | 50 A (at 80 A (at 50 A (at <60 °C) at <= 440 V AC AC-3e for power circuit |
| **[Ue] rated operational voltage** | Power circuit: Power circuit: <= 300 V DC |
| **[Ith] conventional free air thermal current** | 10 A (at 60 °C) for signalling circuit 80 A (at 60 °C) for power 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.