# Product data sheet
## Characteristics

# LC1DTKM7C
TeSys D contactor for capacitor banks - 65.7A - coil 220 V 50/60Hz - 1NO+2NC



⚠ End of Commercialisation

## Commercial status
End of Commercialisation :

## Main

| | |
|---|---|
| Range of product | TeSys Deca |
| Product or component type | Contactor |
| Device short name | LC1D |
| Contactor application | Power factor correction |
| Control circuit type | AC |
| Coil type | AC 50/60 Hz |
| Poles description | 3P |
| Pole contact composition | 3 NO |
| Current rating code of contactor | DTK |
| Auxiliary contact composition | 1 NO + 2 NC |
| [Uc] control circuit voltage | 220 V AC 50/60 Hz |
| Reactive power rating | 25 Kvar at 220…240 V 50/60 Hz 55 °C<br>40 Kvar at 400…440 V 50/60 Hz 55 °C<br>58 Kvar at 660…690 V 50/60 Hz 55 °C |

## Complementary

| | |
|---|---|
| Auxiliary contacts type | Type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 |
| Mounting support | Plate<br>Rail |
| Tightening torque | Power circuit: 5 N.m - on connector |
| [Ue] rated operational voltage | Power circuit: <= 690 V AC 50/60 Hz |
| Height | 166 Mm |
| Width | 55 Mm |
| Depth | 156 Mm |
| Net weight | 1.3 Kg |

## Environment

| | |
|---|---|
| Standards | IEC 60947-4-1<br>IEC 60831<br>GB 14048.4<br>IEC 60070 |
| Product certifications | CCC[RETURN]CE[RETURN]UKCA |
| IP degree of protection | IP2X conforming to IEC 60529 |
| Protective treatment | TH conforming to IEC 60068-2-30 |
| Ambient air temperature for operation | -5…60 °C |
| Ambient air temperature for storage | -60…80 °C |
| Operating altitude | 3000 m without derating |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 12 Cm |
| Package 1 Width | 18 Cm |
| Package 1 Length | 18.7 Cm |
| Package 1 Weight | 1.591 Kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 30 Cm |
| Package 2 Width | 30 Cm |
| Package 2 Length | 40 Cm |
| Package 2 Weight | 6.89 Kg |
| Unit Type of Package 3 | PAL |
| Number of Units in Package 3 | 32 |
| Package 3 Height | 75 Cm |
| Package 3 Width | 60 Cm |
| Package 3 Length | 80 Cm |
| Package 3 Weight | 51.624 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 67 |
| Total lifecycle Carbon footprint | 0 kg CO2 eq. |
| REACh free of SVHC | Yes |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 1 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |

## Contractual warranty

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

Product Life Status : End of commerc. - Block