

# Product data sheet

Specifications



## Capacitor contactor, Tesys Deca, 12.5kVAR at 400/415V 50Hz, 380V AC 50/60Hz coil

LC1DFK11Q7

⚠ Discontinued

### Main

Range	TeSys
Product name	TeSys LC1D.K TeSys Deca
Product or Component Type	Capacitor duty contactor
Device short name	LC1DFK
Contact application	Power factor correction
Poles description	3P
power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit <= 690 V AC 50/60 Hz
Reactive power rating	12.5 kvar 400...440 V AC 50/60 Hz 131 °F (55 °C) 18 kvar 660...690 V AC 50/60 Hz 131 °F (55 °C) 6.7 kvar 220...240 V AC 50/60 Hz 131 °F (55 °C)
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	380 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
Mounting Support	Plate Rail
Standards	VDE 0560 IEC 60831 IEC 60070 NF C 54-100
Product Certifications	UL CSA
Connections - terminals	Power circuit: connector 1 0.004 in <sup>2</sup> (2.5 mm <sup>2</sup> ) - cable stiffness: flexible with cable end Power circuit: connector 1 0.006 in <sup>2</sup> (4 mm <sup>2</sup> ) - cable stiffness: solid with cable end Power circuit: connector 2 0.002 in <sup>2</sup> (1.5 mm <sup>2</sup> ) - cable stiffness: flexible with cable end Power circuit: connector 2 0.006 in <sup>2</sup> (4 mm <sup>2</sup> ) - cable stiffness: solid with cable end
Tightening torque	Power circuit 10.6 lbf.in (1.2 N.m) connector

### Complementary

Auxiliary contacts type	Mechanically linked 1 NO + 1 NC IEC 60947-5-1 Mirror contact 1 NC IEC 60947-4-1
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### Environment

IP degree of protection	IP2X IEC 60529 IP2X VDE 0106
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Protective treatment</b>	TH IEC 60068-2-30
<b>Ambient Air Temperature for Operation</b>	23...140 °F (-5...60 °C)
<b>Ambient Air Temperature for Storage</b>	-76...176 °F (-60...80 °C)
<b>Operating altitude</b>	0...9842.52 ft (0...3000 m)
<b>Height</b>	2.9 in (74 mm)
<b>Width</b>	1.8 in (45 mm)
<b>Depth</b>	4.6 in (117 mm)
<b>Net Weight</b>	0.95 lb(US) (0.43 kg)

## Ordering and shipping details

<b>Category</b>	18400-WORLD SERVICE PARTS(CONTACTORS)
<b>Discount Schedule</b>	CP10
<b>GTIN</b>	3389110056556
<b>Returnability</b>	No

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1

## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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 >](#)

### Use Better



#### Materials and Substances

[EU RoHS Directive](#)

Compliant

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.