

Product data sheet

Specifications



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

LC1DFK11N7

⚠ 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	415 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
Mounting Support	Plate Rail
Standards	VDE 0560 NF C 54-100 IEC 60831 IEC 60070
Product Certifications	CSA UL
Connections - terminals	Power circuit: connector 1 0.004 in ² (2.5 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 1 0.006 in ² (4 mm ²) - cable stiffness: solid with cable end Power circuit: connector 2 0.002 in ² (1.5 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 2 0.006 in ² (4 mm ²) - 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.

Protective treatment	TH IEC 60068-2-30
Ambient Air Temperature for Operation	23...140 °F (-5...60 °C)
Ambient Air Temperature for Storage	-76...176 °F (-60...80 °C)
Operating altitude	0...9842.52 ft (0...3000 m)
Height	5.1 in (130 mm)
Width	1.8 in (45 mm)
Depth	4.6 in (117 mm)
Net Weight	0.95 lb(US) (0.43 kg)

Ordering and shipping details

Category	18400-WORLD SERVICE PARTS(CONTACTORS)
Discount Schedule	CP10
GTIN	3389110056495
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1

Contractual warranty

Warranty (in months)	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.