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Product data sheet
Characteristics

LC1DFK11M7
TeSys Deca capacitor duty contactor - 3P - 12.5 kVAR - 415 V - 220 V AC coil

Commercial status
End of Commercialisation : DEC 29, 2023

⚠ End of Commercialisation

Main

Range	TeSys
Product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DFK
Contactor application	Power factor correction
Poles description	3P
Pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit: <= 690 V AC 50/60 Hz
Reactive power rating	12.5 Kvar at 400…440 V AC 50/60 Hz 55 °C 18 Kvar at 660…690 V AC 50/60 Hz 55 °C 6.7 Kvar at 220…240 V AC 50/60 Hz 55 °C
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	220 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
Mounting support	Rail Plate
Standards	IEC 60831 NF C 54-100 IEC 60070 VDE 0560
Product certifications	CSA[RETURN]UL[RETURN]UKCA
Connections - terminals	Power circuit: connector 1 2.5 mm² - cable stiffness: flexible with cable end Power circuit: connector 1 4 mm² - cable stiffness: solid with cable end Power circuit: connector 2 1.5 mm² - cable stiffness: flexible with cable end Power circuit: connector 2 4 mm² - cable stiffness: solid with cable end
Tightening torque	Power circuit: 1.2 N.m - on connector

Complementary

Auxiliary contacts type	Type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 type mirror contact 1 NC conforming to IEC 60947-4-1

Environment

IP degree of protection	IP2X conforming to IEC 60529 IP2X conforming to VDE 0106
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	0...3000 m
Height	74 Mm
Width	45 Mm
Depth	117 Mm
Net weight	0.43 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.5 Cm
Package 1 Width	21.0 Cm
Package 1 Length	15.5 Cm
Package 1 Weight	463.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	5.343 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	80
Package 3 Height	77.0 Cm
Package 3 Width	80.0 Cm
Package 3 Length	60.0 Cm
Package 3 Weight	51.244 Kg

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
End of life manual availability	No need of specific recycling operations
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block