

Product data sheet

Specifications



TeSys LC1D.K capacitor duty contactor - 3P - 16.7 kVAR - 415 V - 220 V AC coil

LC1DGK11M7

! Discontinued on: 31 March 2021

! End-of-service on: 31 March 2021

! Discontinued

Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DGK
Contactor 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	16.7 kvar at 400...440 V AC 50/60 Hz 55 °C 24 kvar at 660...690 V AC 50/60 Hz 55 °C 8.5 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	Plate Rail
Standards	VDE 0560 NF C 54-100 IEC 60070 IEC 60831
Product certifications	UL CSA
Connections - terminals	Power circuit: connector 1 2.5 mm ² - cable stiffness: flexible with cable end Power circuit: connector 1 4 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 1.5 mm ² - cable stiffness: flexible with cable end Power circuit: connector 2 4 mm ² - cable stiffness: solid with cable end
Tightening torque	Power circuit: 1.7 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
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Environment

IP degree of protection	IP2x conforming to IEC 60529 IP2x conforming to VDE 0106
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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
Height	130 mm
Width	45 mm
Depth	122 mm
Net weight	0.45 kg

Packing Units

Package 1 Weight	0.483 kg
Package 1 Height	0.650 dm
Package 1 width	2.100 dm
Package 1 Length	1.550 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

LC1DGK11M7 is replaced by:

1x



Capacitor contactor, TeSys Deca, 16.7 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz
LC1DGKM7