

# Product data sheet

Specifications



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

LC1DGKM7

### Main

<b>Range</b>	TeSys TeSys Deca
<b>Product name</b>	TeSys LC1D.K TeSys Deca
<b>Product or component type</b>	Capacitor duty contactor
<b>Device short name</b>	LC1DGK
<b>Device application</b>	Control
<b>Contactor application</b>	Power factor correction
<b>Utilisation category</b>	AC-6b
<b>Poles description</b>	3P
<b>Power pole contact composition</b>	3 NO
<b>[Ue] rated operational voltage</b>	Power circuit: 690 V AC 50/60 Hz
<b>Reactive power rating</b>	9.5 kvar at 230 V AC 50 Hz 60 °C 16.7 kvar at 400 V AC 50 Hz 60 °C 18 kvar at 440 V AC 50 Hz 60 °C 28.5 kvar at 690 V AC 50 Hz 60 °C
<b>Control circuit type</b>	AC at 50/60 Hz
<b>[Uc] control circuit voltage</b>	220 V AC 50/60 Hz
<b>Auxiliary contact composition</b>	1 NO + 2 NC instantaneous
<b>Electrical durability</b>	300000 cycles at Ue 400 V 200000 cycles at Ue 690 V
<b>Mounting support</b>	DIN rail Plate
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-4-1 IEC 60335-1
<b>Product certifications</b>	IECEE CB Scheme UKCA
<b>Connections - terminals</b>	Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: solid Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: solid Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 2.5...16 mm <sup>2</sup> - cable stiffness: solid Power circuit: screw clamp terminals 2 2.5...6 mm <sup>2</sup> - cable stiffness: solid Power circuit: screw clamp terminals 1 1.5...10 mm <sup>2</sup> - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 2 1.5...6 mm <sup>2</sup> - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 1...10 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: flexible with cable end
<b>Tightening torque</b>	Control circuit: 1.7 N.m - on screw clamp terminals

Maximum operating rate	240 cyc/h
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## Complementary

Auxiliary contacts type	type mechanically linked 1 NO + 2 NC conforming to IEC 60947-5-1
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## Environment

IP degree of protection	IP20 front face conforming to IEC 60529
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Ambient air temperature for operation	-5...60 °C
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Ambient air temperature for storage	-60...80 °C
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Operating altitude	0...3000 m
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Height	125 mm
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Width	45 mm
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Depth	127 mm
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Net weight	0.6 kg
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## Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Weight	600 g
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Package 1 Height	19.5 cm
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Package 1 width	22.6 cm
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Package 1 Length	6.2 cm
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Unit Type of Package 2	P06
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Number of Units in Package 2	48
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Package 2 Weight	41.3 kg
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Package 2 Height	77 cm
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Package 2 width	80 cm
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Package 2 Length	60 cm
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Unit Type of Package 3	S03
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Number of Units in Package 3	6
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Package 3 Weight	4.088 kg
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Package 3 Height	30 cm
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Package 3 width	30 cm
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Package 3 Length	40 cm
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## Offer Sustainability

Sustainable offer status	Green Premium product
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REACH Regulation	<a href="#">REACH Declaration</a>
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REACH free of SVHC	Yes
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EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
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Toxic heavy metal free	Yes
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<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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