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## Main

Range	TeSys TeSys Deca
Product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DMK
Device application	Control
Contactors application	Power factor correction
Utilisation category	AC-6b
Poles description	3P
Power pole contact composition	3 NO
Device location in system	Line interruption Inside delta interruption
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz
Reactive power rating	14 Kvar at 230 V AC 50 Hz 60 °C 25 Kvar at 400 V AC 50 Hz 60 °C 27 Kvar at 440 V AC 50 Hz 60 °C 42 kvar at 690 V AC 50 Hz 60 °C
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	220 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 2 NC instantaneous
Electrical durability	300000 Cycles at Ue 400 V 200000 cycles at Ue 690 V
Mounting support	DIN rail Plate
Standards	EN/IEC 60947-1 EN/IEC 60947-4-1 IEC 60335-1
Product certifications	IECEE CB Scheme UKCA
Connections - terminals	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
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 2.5 N.m - on screw clamp terminals
Maximum operating rate	240 cyc/h

## Complementary

Auxiliary contacts type

Type mechanically linked 1 NO + 2 NC conforming to IEC 60947-5-1






## Environment

IP degree of protection	IP20 front face conforming to IEC 60529
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	0...3000 m
Height	125 mm
Width	45 mm
Depth	127 mm
Net weight	0.63 kg

## Packing Units

Unit Type of Package 1	PCE
Package 1 Length	22.5 cm
Number of Units in Package 1	1
Package 3 Width	60 cm
Package 3 Weight	43.388 kg
Package 2 Width	30 cm
Package 2 Height	30 cm
Package 2 Weight	4.075 kg
Number of Units in Package 3	48
Unit Type of Package 3	P06
Package 3 Height	75 cm
Package 3 Length	80 cm
Package 1 Width	19.5 cm
Package 1 Height	6.6 cm
Package 1 Weight	608 g
Number of Units in Package 2	6
Unit Type of Package 2	S03
Package 2 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	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

Warranty	18 months
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