



### Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DFK
Device application	Control
Contactor application	Power factor correction
Poles description	3P
Power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit: $\leq 690$ V AC 50/60 Hz
Reactive power rating	7 kvar at 220...240 V AC 50/60 Hz 55 °C 13 kvar at 400...440 V AC 50/60 Hz 55 °C 21 kvar at 660...690 V AC 50/60 Hz 55 °C
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	24 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 2 NC instantaneous for control circuit
Electrical durability	300000 cycles at Ue 400 V 200000 cycles at Ue 690 V
Mounting support	Plate DIN rail
Standards	IEC 60947-4-1
Product certifications	CSA UL CCC
Connections - terminals	Power circuit: connector 1 2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: connector 2 1.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: connector 1 4 mm <sup>2</sup> - cable stiffness: solid without cable end Power circuit: connector 2 4 mm <sup>2</sup> - cable stiffness: solid without cable end
Tightening torque	Power circuit: 1.7 N.m - on connector
Maximum operating rate	240 cyc/h

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## 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 conforming to IEC 60529
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
Height	130 mm
Width	45 mm
Depth	117 mm
Product weight	0.53 kg

## 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>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
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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