



Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DGK
Device application	Control
Contactor application	Power factor correction
Utilisation category	AC-6B
Poles description	3P
Pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz
Reactive power rating	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
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
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
Product certifications	IECEE CB Scheme
Connections - terminals	Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 2.5...16 mm ² - cable stiffness: solid Power circuit: screw clamp terminals 2 2.5...6 mm ² - cable stiffness: solid Power circuit: screw clamp terminals 1 1.5...10 mm ² - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 2 1.5...6 mm ² - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 1...10 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 1...4 mm ² - 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	0.6 Kg

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Contractual warranty

Warranty	18 months
----------	-----------

Product Life Status : **Commercialised**