Product data sheet

Characteristics

LC1DGKB7



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 14 mm² - cable stiffness: solid Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible withcable end Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible-with cable end Power circuit: screw clamp terminals 1 2.516 mm² - cable stiffness: solid Power circuit: screw clamp terminals 2 2.56 mm² - cable stiffness: flexible-without cable end Power circuit: screw clamp terminals 2 1.56 mm² - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 110 mm² - cable stiffness: flexible withcable end Power circuit: screw clamp terminals 1 110 mm² - cable stiffness: flexible withcable end Power circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible withcable 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	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherended as a substitute for and is not to be used for determining suitability or reliability of these products by specific user applications. It is the dourn arise and entiregrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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
Ambient air temperature for operation	-560 °C
Ambient air temperature for storage	-6080 °C
Operating altitude	03000 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 E EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	China RoHS Declaration	

Contractual warranty

141	40 "
Warranty	18 months
	To months

Product Life Status : Commercialised