

Product datasheet

Specifications



Capacitor contactor, TeSys D, 63 kVAR at 400 V/50 Hz, coil 240 V AC 50/60 Hz

Local distributor code: 402839303 LC1DWK12U7

Main

Range	TeSys
Product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DWK
Device application	Control
Contactor application	Power factor correction
Utilisation category	AC-6b
Poles description	3P
Power pole contact composition	3 NO
Device location in system	Inside delta interruption Line interruption
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz
Reactive power rating	35 kvar at 230 V AC 50 Hz 60 °C 63 kvar at 400 V AC 50 Hz 60 °C 67 kvar at 440 V AC 50 Hz 60 °C 104 kvar at 690 V AC 50 Hz 60 °C 30 kvar at 230 V AC 60 Hz 60 °C 60 kvar at 460 V AC 60 Hz 60 °C 80 kvar at 575 V AC 60 Hz 60 °C
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	240 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 UL 60947-4-1 CSA C22.2 No 60947-4-1
Product certifications	IECEE CB Scheme UL CSA UKCA
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: connector 1 4...50 mm² - cable stiffness: solid
 Power circuit: connector 2 4...25 mm² - cable stiffness: solid
 Power circuit: connector 1 4...50 mm² - cable stiffness: flexible without cable end
 Power circuit: connector 2 4...25 mm² - cable stiffness: flexible without cable end
 Power circuit: connector 1 4...50 mm² - cable stiffness: flexible with cable end
 Power circuit: connector 2 4...16 mm² - cable stiffness: flexible with cable end

Tightening torque	Power circuit: 9 N.m - on connector Control circuit: 1.7 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	180 mm
---------------	--------

Width	85 mm
--------------	-------

Depth	154 mm
--------------	--------

Net weight	1.65 kg
-------------------	---------

Packing Units

Unit Type of Package 1	PCE
-------------------------------	-----

Number of Units in Package 1	1
-------------------------------------	---

Package 1 Weight	1.815 kg
-------------------------	----------

Package 1 Height	13 cm
-------------------------	-------

Package 1 width	17.4 cm
------------------------	---------

Package 1 Length	19 cm
-------------------------	-------

Unit Type of Package 2	S03
-------------------------------	-----

Number of Units in Package 2	4
-------------------------------------	---

Package 2 Weight	7.973 kg
-------------------------	----------

Package 2 Height	30 cm
-------------------------	-------

Package 2 width	30 cm
------------------------	-------

Package 2 Length	40 cm
-------------------------	-------

Offer Sustainability

Sustainable offer status	Green Premium product
---------------------------------	-----------------------

REACH Regulation	REACH Declaration
-------------------------	-----------------------------------

REACH free of SVHC	Yes
---------------------------	-----

EU RoHS Directive	Compliant EU RoHS Declaration
--------------------------	--

Toxic heavy metal free	Yes
-------------------------------	-----

Mercury free	Yes
---------------------	-----

RoHS exemption information	Yes
-----------------------------------	---------------------

China RoHS Regulation	China RoHS declaration
------------------------------	--

Environmental Disclosure

[Product Environmental Profile](#)

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
