

Product datasheet

Specifications



Capacitor contactor, TeSys D, 40 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz

Local distributor code:
398337414

LC1DTKM7

⚠ Discontinued on: 9 Feb 2023

⚠ Discontinued

EAN Code: 3606480401299

Main

Range	TeSys TeSys Deca
Product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DTK
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	Line interruption Inside delta interruption
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz
Reactive power rating	22 kvar at 230 V AC 50 Hz 60 °C 40 kvar at 400 V AC 50 Hz 60 °C 43 kvar at 440 V AC 50 Hz 60 °C 67 kvar at 690 V AC 50 Hz 60 °C 20 kvar at 230 V AC 60 Hz 60 °C 40 kvar at 460 V AC 60 Hz 60 °C 50 kvar at 575 V AC 60 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 UL 60947-4-1 CSA C22.2 No 60947-4-1 IEC 60335-1
Product certifications	IECEE CB Scheme UL CSA UKCA

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

Connections - terminals	<p>Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: solid</p> <p>Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: solid</p> <p>Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: flexible without cable end</p> <p>Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: flexible without cable end</p> <p>Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: flexible with cable end</p> <p>Control circuit: screw clamp terminals 2 1...2.5 mm² - cable stiffness: flexible with cable end</p> <p>Power circuit: EverLink BTR screw connectors 1 1...35 mm² - cable stiffness: solid</p> <p>Power circuit: EverLink BTR screw connectors 2 1...25 mm² - cable stiffness: solid</p> <p>Power circuit: EverLink BTR screw connectors 1 1...35 mm² - cable stiffness: flexible with or without cable end</p> <p>Power circuit: EverLink BTR screw connectors 2 1...25 mm² - cable stiffness: flexible with or without cable end</p>
--------------------------------	---

Tightening torque	<p>Control circuit: 1.7 N.m - on screw clamp terminals</p> <p>Power circuit: 5 N.m - on EverLink BTR screw connectors - cable 1...25 mm²</p> <p>Power circuit: 8 N.m - on EverLink BTR screw connectors - cable 35 mm²</p>
--------------------------	--

Maximum operating rate	100 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	166 mm
---------------	--------

Width	55 mm
--------------	-------

Depth	156 mm
--------------	--------

Net weight	1.3 kg
-------------------	--------

Packing Units

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

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

Package 1 Height	6.700 cm
-------------------------	----------

Package 1 Width	20.000 cm
------------------------	-----------

Package 1 Length	22.700 cm
-------------------------	-----------

Package 1 Weight	1.103 kg
-------------------------	----------

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

Number of Units in Package 2	6
-------------------------------------	---

Package 2 Height	30.000 cm
-------------------------	-----------

Package 2 Width	30.000 cm
------------------------	-----------

Package 2 Length	40.000 cm
-------------------------	-----------

Package 2 Weight	7.191 kg
-------------------------	----------

Unit Type of Package 3	P06
-------------------------------	-----

Number of Units in Package 3	48
-------------------------------------	----

Package 3 Height	75.000 cm
-------------------------	-----------

Package 3 Width	60.000 cm
-----------------	-----------

Package 3 Length	80.000 cm
------------------	-----------

Package 3 Weight	67.148 kg
------------------	-----------

Logistical informations

Country of origin	FR
-------------------	----

Contractual warranty

Warranty (in months)	18
----------------------	----



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 1

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Assembly's dimensions

