Product data sheet
Characteristics

LC1DPKU7
Capacitor contactor, Tesys Deca, 30kVAR at 400/415V 50Hz, 240V AC 50/60Hz coil, EverLink BTR screw terminals



Main

Range	TeSys TeSys Deca
Product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DPK
Device application	Control
Contactor application	Power factor correction
Utilisation category	AC-6b
Poles description	3P
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	17 Kvar at 230 V AC 50 Hz 60 °C 30 Kvar at 400 V AC 50 Hz 60 °C 32 Kvar at 440 V AC 50 Hz 60 °C 50 Kvar at 690 V AC 50 Hz 60 °C 16.5 Kvar at 230 V AC 60 Hz 60 °C 33.3 Kvar at 460 V AC 60 Hz 60 °C 40 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 IEC 60335-1
Product certifications	IECEE CB Scheme[RETURN]UL[RETURN]CSA[RETURN]UKCA

Connections - terminals	Control circuit: screw clamp terminals 1 1…4 mm² - cable stiffness: solid Control circuit: screw clamp terminals 2 1…4 mm² - cable stiffness: solid Control circuit: screw clamp terminals 1 1…4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1…4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1…4 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1…2.5 mm² - cable stiffness: flexible with cable end Power circuit: EverLink BTR screw connectors 1 1…35 mm² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 2 1…25 mm² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 1 1…35 mm² - cable stiffness: flexible with or witho Power circuit: EverLink BTR screw connectors 2 1…25 mm² - cable stiffness: flexible with or witho
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 5 N.m - on EverLink BTR screw connectors - cable 1…25 mm² Power circuit: 8 N.m - on EverLink BTR screw connectors - cable 35 mm²
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	6.900 Cm
Package 1 Width	20.100 Cm
Package 1 Length	22.800 Cm
Package 1 Weight	1.106 Kg

Offer Sustainability

Recyclability potential, in %	67
Total lifecycle Carbon footprint	0 kg CO2 eq.
REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxi
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

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised