Product data sheet

Specification





IEC contactor, TeSys Deca, nonreversing, 95A, 60HP at 480VAC, 3 phase, 3 pole, 3 NO, 120VAC 50/60Hz coil, open style

LC1D95G7

Product availability: Stock - Normally stocked in distribution facility

Price*: 437.00 USD

Main

Range	TeSys
Range Of Product	TeSys Deca
Product Or Component Type	Contactor
Device Short Name	LC1D
Contactor Application	Resistive load Motor control
Utilisation Category	AC-3 AC-3e AC-4 AC-1
Poles Description	3P
[Ue] Rated Operational Voltage	Power circuit <= 690 V AC 25400 Hz
[le] Rated Operational Current	95 A (at <140 °F (60 °C)) at <= 440 V AC-3 for power circuit 125 A (at <140 °F (60 °C)) at <= 690 V AC-1 for power circuit 95 A (at <140 °F (60 °C)) at <= 440 V AC-3e for power circuit
[Uc] Control Circuit Voltage	120 V AC 50/60 Hz

Complementary

Motor Power Kw	25 kW at 220230 V AC 50 Hz (AC-3)
	45 kW at 380400 V AC 50 Hz (AC-3)
	45 kW at 415440 V AC 50 Hz (AC-3)
	55 kW at 500 V AC 50 Hz (AC-3)
	45 kW at 660690 V AC 50 Hz (AC-3)
	15 kW at 400 V AC 50 Hz (AC-4)
	25 kW at 220230 V AC 50 Hz (AC-3e)
	45 kW at 380400 V AC 50 Hz (AC-3e)
	45 kW at 415440 V AC 50 Hz (AC-3e)
	55 kW at 500 V AC 50 Hz (AC-3e)
	45 kW at 660690 V AC 50 Hz (AC-3e)
Maximum Horse Power Rating	7.5 hp at 120 V AC 60 Hz for 1 phase motors
	15 hp at 230/240 V AC 60 Hz for 1 phase motors
	30 hp at 200/208 V AC 60 Hz for 3 phase motors
	30 hp at 230/240 V AC 60 Hz for 3 phase motors
	60 hp at 460/480 V AC 60 Hz for 3 phase motors
	60 hp at 575/600 V AC 60 Hz for 3 phase motors
Compatibility Code	LC1D
Pole Contact Composition	3 NO
Protective Cover	With
[Ith] Conventional Free Air	10 A (at 140 °F (60 °C)) for signalling circuit
Thermal Current	125 A (at 140 °F (60 °C)) for power circuit

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

1100 A at 440 V AC for power circuit conforming to IEC 60947
140 A AC for signalling circuit conforming to IEC 60947-5-1
250 A DC for signalling circuit conforming to IEC 60947-5-1
1100 A at 440 V for power circuit conforming to IEC 60947
1100 A 104 °F (40 °C) - 1 s for power circuit
800 A 104 °F (40 °C) - 10 s for power circuit
400 A 104 °F (40 °C) - 1 min for power circuit
135 A 104 °F (40 °C) - 10 min for power circuit
140 A - 100 ms for signalling circuit
120 A - 500 ms for signalling circuit
100 A - 1 s for signalling circuit
10 A gG for signalling circuit conforming to IEC 60947-5-1
200 A gG at <= 690 V coordination type 1 for power circuit
160 A gG at <= 690 V coordination type 2 for power circuit
0.8 mOhm - Ith 125 A 50 Hz for power circuit
12.5 W AC-1
7.2 W AC-3
7.2 W AC-3e
Power circuit 1000 V IEC 60947-4-1
Power circuit 600 V CSA
Power circuit 600 V UL
Signalling circuit 690 V IEC 60947-1
Signalling circuit 600 V CSA
Signalling circuit 600 V UL
III
III 3
III 3 8 kV IEC 60947 B10d = 1.3 Mcycles contactor with nominal load EN/ISO 13849-1
III 3 8 kV IEC 60947 B10d = 1.3 Mcycles contactor with nominal load EN/ISO 13849-1 B10d = 20 Mcycles contactor with mechanical load EN/ISO 13849-1 4 Mcycles
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III 3 8 kV IEC 60947 B10d = 1.3 Mcycles contactor with nominal load EN/ISO 13849-1 B10d = 20 Mcycles contactor with mechanical load EN/ISO 13849-1 4 Mcycles 1.2 Mcycles 95 A AC-3 1.3 Mcycles 125 A AC-1 1.2 Mcycles 95 A AC-3e AC 50/60 Hz Without built-in suppressor module 0.81.1 Uc -40131 °F (-4055 °C) operational AC 50 Hz 0.851.1 Uc -40131 °F (-4055 °C) operational AC 60 Hz 0.30.6 Uc -40158 °F (-4070 °C) drop-out AC 50/60 Hz 11.1 Uc 131158 °F (5570 °C) operational AC 50/60 Hz 245 VA 60 Hz cos phi 0.75 (at 68 °F (20 °C)) 245 VA 50 Hz cos phi 0.3 (at 68 °F (20 °C)) 26 VA 50 Hz cos phi 0.3 (at 68 °F (20 °C)) 610 W at 50/60 Hz

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Jun 12, 2024	Life Is On Schneider	3

IP20 front face IEC 60529

IACS E10 exposure to damp heat

THIEC 60068-2-30

Ip Degree Of Protection

Protective Treatment

Climatic Withstand

Permissible Ambient Air Temperature Around The Device	-40140 °F (-4060 °C) 140158 °F (6070 °C) with derating
Operating Altitude	09842.52 ft (03000 m)
Fire Resistance	1562 °F (850 °C) IEC 60695-2-1
Flame Retardance	V1 conforming to UL 94
Mechanical Robustness	Vibrations contactor open 2 Gn, 5300 Hz) Shocks contactor open 8 Gn for 11 ms) Vibrations contactor closed 3 Gn, 5300 Hz) Shocks contactor closed 10 Gn for 11 ms)
Height	5.00 in (127 mm)
Width	3.35 in (85 mm)
Depth	5.12 in (130 mm)
Net Weight	3.55 lb(US) (1.61 kg)

Ordering and shipping details

Category	US10l1222359
Discount Schedule	0112
Gtin	3389110451269
Returnability	Yes
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.10 in (15.5 cm)
Package 1 Width	3.74 in (9.5 cm)
Package 1 Length	5.31 in (13.5 cm)
Package 1 Weight	3.53 lb(US) (1.6 kg)

Contractual warranty

Warranty 18 months



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc
Ø	Toxic Heavy Metal Free
Ø	Mercury Free
Ø	Rohs Exemption Information Yes
②	Pvc Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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.
Circularity Profile	No need of specific recycling operations
California Proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov