



IEC contactor, TeSys Deca, nonreversing, 40A resistive, 4 pole, 4 NO, 125VDC coil, open style

LC1DT40GD

Product availability: Stock - Normally stocked in distribution facility

Price*: 245.70 USD

Main

Range	TeSys TeSys Deca	
Range of Product	TeSys Deca	
Product or Component Type	Contactor	
Device short name	LC1D	
contactor application	Resistive load	
Utilisation category	AC-1 AC-3 AC-3e AC-4	
poles description	4P	
[Ue] rated operational voltage	al voltage Power circuit <= 690 V AC 25400 Hz Power circuit <= 300 V DC	
[le] rated operational current	tional current 40 A (at <140 °F (60 °C)) at <= 440 V AC AC-1 for power circuit	
[Uc] control circuit voltage	oltage 125 V DC	

Complementary

Compatibility code	e LC1D	
Pole contact composition	4 NO	
Protective cover	With	
[Ith] conventional free air thermal current	10 A (at 140 °F (60 °C)) for signalling circuit 40 A (at 140 °F (60 °C)) for power circuit	
Irms rated making capacity	140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1 450 A at 440 V for power circuit conforming to IEC 60947	
Rated breaking capacity	450 A at 440 V for power circuit conforming to IEC 60947	
[lcw] rated short-time withstand current	50 A 104 °F (40 °C) - 10 min for power circuit 120 A 104 °F (40 °C) - 1 min for power circuit 240 A 104 °F (40 °C) - 10 s for power circuit 380 A 104 °F (40 °C) - 1 s for power circuit 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit	
Associated fuse rating	10 A gG for signalling circuit conforming to IEC 60947-5-1 63 A gG at <= 690 V coordination type 1 for power circuit 40 A gG at <= 690 V coordination type 2 for power circuit	
Average impedance	2 mOhm - Ith 40 A 50 Hz 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.

Power circuit 600 V U.L.	Power dissipation per pole	3.2 W AC-1	
Signaling circuit 600 V ICL 60047-1 Signaling circuit 600 V SCA SCA Signaling circuit 600 V SCA SCA Signaling circuit 600 V SCA	[Ui] rated insulation voltage		
Signaling circuit 600 V CSA Signaling circuit 600 V IL Power circuit 690 V IEC 60947.4-1 Power circuit 690 V IEC 60947.4-1			
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Minimum switching voltage	17 V for signalling circuit	
Minimum switching current	5 mA for signalling circuit	
Insulation resistance	> 10 MOhm for signalling circuit	
Non-overlap time	1.5 ms on de-energisation between NC and NO contact 1.5 ms on energisation between NC and NO contact	
Mounting Support	Rail Plate	

Environment

Standards	CSA C22.2 No 14	
	EN 60947-4-1	
	EN 60947-5-1	
	IEC 60947-4-1	
	IEC 60947-5-1	
	UL 508	
	IEC 60335-1	
Product Certifications	DNV	
	CSA	
	UL	
	GOST	
	BV	
	LROS (Lloyds register of shipping)	
	CCC	
	GL	
	RINA	
	MW	
IP degree of protection	IP20 front face IEC 60529	
Protective treatment	THIEC 60068-2-30	
Climatic withstand	IACS E10 exposure to damp heat	
	IEC 60947-1 Annex Q category D exposure to damp heat	
Permissible ambient air	-40140 °F (-4060 °C)	
temperature around the device	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)	
	Vibrations contactor closed 4 Gn, 5300 Hz)	
	Shocks contactor closed 15 Gn for 11 ms)	
	Shocks contactor open 8 Gn for 11 ms)	
Height	3.6 in (91 mm)	
Width	1.8 in (45 mm)	
Depth	4.2 in (107 mm)	
Net Weight	0.937 lb(US) (0.425 kg)	

Ordering and shipping details

Category	US10l1222355
Discount Schedule	0112
GTIN	3389110330946
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1	1
Package 1 Height	3.57 in (9.08 cm)
Package 1 Width	1.8 in (4.5 cm)
Package 1 Length	3.92 in (9.95 cm)
Package 1 Weight	15.3 oz (435.0 q)

Contractual warranty

Warranty 18 months



Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Toxic Heavy Metal Free	
Ø	Mercury Free	
Ø	Rohs Exemption Information Y	res
Ø	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	End of Life Information
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

Offer Marketing Illustration

Product benefits / Features

