Product data sheet

Specifications





() Discontinued

TeSys F contactor - 3P (3 NO) -AC-3 - <= 440 V 330 A - coil 380 V AC

LC1F330Q7

() Discontinued on: Jun 15, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	TeSys
Range Of Product	TeSys F
Product Or Component Type	Contactor
Device Short Name	LC1F
Contactor Application	Motor control Resistive load
Utilisation Category	AC-4 AC-1 AC-3
Poles Description	3P
[Ue] Rated Operational Voltage	<= 1000 V AC 50/60 Hz <= 460 V DC
[Uc] Control Circuit Voltage	380 V AC 40400 Hz
[Ie] Rated Operational Current	400 A (at <104 °F (40 °C)) at <= 440 V AC AC-1 330 A (at <131 °F (55 °C)) at <= 440 V AC AC-3

Complementary

[Uimp] Rated Impulse Withstand Voltage	8 kV
[Ith] Conventional Free Air Thermal Current	400 A (at 104 °F (40 °C))
Rated Breaking Capacity	2640 A conforming to IEC 60947-4-1
[Icw] Rated Short-Time Withstand Current	2650 A 104 °F (40 °C) - 10 s 1800 A 104 °F (40 °C) - 30 s 1300 A 104 °F (40 °C) - 1 min 900 A 104 °F (40 °C) - 3 min 750 A 104 °F (40 °C) - 10 min
Associated Fuse Rating	400 A aM at <= 440 V 500 A gG at <= 440 V
Average Impedance	0.28 mOhm - Ith 400 A 50 Hz
[Ui] Rated Insulation Voltage	1000 V IEC 60947-4-1 1500 V VDE 0110 group C
Power Dissipation Per Pole	44 W AC-1 31 W AC-3
Overvoltage Category	III
Power Pole Contact Composition	3 NO

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

189 kW at 415 V AC 2006 Hz (AC-3) 200 kW at A0 V AC 2006 Hz (AC-3) 200 kW at 200 V AC 5060 Hz (AC-3) 201 kW at 200 V AC 5060 Hz (AC-3) 201 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-3) 100 kW at 200 V AC 5060 Hz (AC-4) Maximum Operating Rate 200 cych 131 °F (55 °C) Operating Time 4065 ms obeging 100170 ms opening Control circuit screw clamp terminals 1 0.00001 in* (14 mm*)flexible without cable end Control circuit screw clamp terminals 1 0.00001 in* (14 mm*)flexible with cable end Control circuit screw clamp terminals 1 0.00001 in* (14 mm*)flexible with cable end Control circuit screw clamp terminals 1 0.00001 in* (14 mm*)flexible with cable end Control circuit screw clamp terminals 1 0.00001 in* (14 mm*)flexible with cable end Control circuit screw clamp terminals 1 0.00001 in		
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LROS (Lloyds register of shipping) DNV UKCA Compatibility Code LC1F		
DNV UKCA Compatibility Code LC1F		
UKCA Compatibility Code LC1F		
Control Circuit Type AC 40400 Hz	Compatibility Code	LC1F
AC 40400 Hz		
	Control Circuit Type	AU 40400 MZ

Environment

Ip Degree Of Protection	IP20 front face with shrouds IEC 60529 IP20 front face with shrouds VDE 0106
Protective Treatment	тн
Ambient Air Temperature For Operation	23131 °F (-555 °C)
Ambient Air Temperature For Storage	-76176 °F (-6080 °C)

Permissible Ambient Air Temperature Around The Device	-40158 °F (-4070 °C)
Height	8.11 in (206 mm)
Width	8.39 in (213 mm)
Depth	8.62 in (219 mm)
Operating Altitude	9842.52 ft (3000 m) without derating
Net Weight	18.96 lb(US) (8.6 kg)

Ordering and shipping details

Category	US10I1222336
Discount Schedule	0112
Gtin	3389110460278
Returnability	No
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.04 in (25.5 cm)
Package 1 Width	9.37 in (23.8 cm)
Package 1 Length	11.54 in (29.3 cm)
Package 1 Weight	20.52 lb(US) (9.307 kg)
Unit Type Of Package 2	P06
Number Of Units In Package 2	10
Package 2 Height	30.31 in (77.0 cm)
Package 2 Width	31.50 in (80.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	223.99 lb(US) (101.6 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

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

Mercury Free

Rohs Exemption Information
 Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov