

Product data sheet

Specifications



Contact, TeSys F, 3P(3NO), AC-3 ≤440V 265A, 380V AC coil

LC1F265Q7

⚠ Discontinued on: Jun 15, 2023

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

Main

Range	TeSys
Range of Product	TeSys F
Product or Component Type	Contact
Device short name	LC1F
Contact application	Resistive load Motor control
Utilisation category	AC-1 AC-4 AC-3
Poles description	3P
[Ue] rated operational voltage	≤ 1000 V AC-1 ≤ 690 V AC-3 ≤ 690 V AC-4 ≤ 460 V DC
[Uc] control circuit voltage	380 V AC 40...400 Hz
[Ie] rated operational current	350 A (at <104 °F (40 °C)) at ≤ 440 V AC AC-1 265 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	350 A (at 104 °F (40 °C))
Rated breaking capacity	2120 A conforming to IEC 60947-4-1
[Icw] rated short-time withstand current	2200 A 104 °F (40 °C) - 10 s 1230 A 104 °F (40 °C) - 30 s 950 A 104 °F (40 °C) - 1 min 620 A 104 °F (40 °C) - 3 min 480 A 104 °F (40 °C) - 10 min
Associated fuse rating	315 aM at ≤ 440 V 400 gG at ≤ 440 V
Average impedance	0.3 mOhm - Ith 350 A 50 Hz
[Ui] rated insulation voltage	1000 V IEC 60947-4-1 1500 V VDE 0110 group C
Power dissipation per pole	37 W AC-1 21 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.

Motor power kW	132 kW at 380...400 V AC 50/60 Hz (AC-3) 140 kW at 415 V AC 50/60 Hz (AC-3) 140 kW at 440 V AC 50/60 Hz (AC-3) 160 kW at 500 V AC 50/60 Hz (AC-3) 160 kW at 660...690 V AC 50/60 Hz (AC-3) 147 kW at 1000 V AC 50/60 Hz (AC-3) 75 kW at 220...230 V AC 50/60 Hz (AC-3) 51 kW at 400 V AC 50/60 Hz (AC-4)
Control circuit voltage limits	Operational 0.85...1.1 U _c 40...400 Hz 131 °F (55 °C)) Drop-out 0.15...0.2 U _c 40...400 Hz 131 °F (55 °C))
Mechanical durability	10 Mcycles
Inrush power in VA	650 VA, 40...400 Hz 0.9 68 °F (20 °C))
Hold-in power consumption in VA	10 VA, 40...400 Hz 0.9 68 °F (20 °C))
Maximum operating rate	2400 cyc/h 131 °F (55 °C)
Operating time	40...65 ms closing 100...170 ms opening
Connections - terminals	Control circuit screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)flexible without cable end Control circuit screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²)flexible without cable end Control circuit screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)flexible with cable end Control circuit screw clamp terminals 2 0.002...0.004 in ² (1...2.5 mm ²)flexible with cable end Control circuit screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²)solid without cable end Control circuit screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²)solid without cable end Power circuit bar 2 32 x 4 mm Power circuit lugs-ring terminals 1 0.4 in ² (240 mm ²) Power circuit connector 1 0.4 in ² (240 mm ²) Power circuit bolted connection
Tightening torque	Control circuit 10.6 lbf.in (1.2 N.m) Power circuit 309.8 lbf.in (35 N.m)
Mounting Support	Plate
Heat dissipation	8 W
Standards	IEC 60947-4-1 EN 60947-1 IEC 60947-1 JIS C8201-4-1 EN 60947-4-1
Product Certifications	ABS LROS (Lloyds register of shipping) CCC RINA DNV UL BV RMRoS CB UKCA
Compatibility code	LC1F
Control circuit type	AC 40...400 Hz

Environment

IP degree of protection	IP20 front face with shrouds IEC 60529 IP20 front face with shrouds VDE 0106
Protective treatment	TH
Ambient Air Temperature for Operation	23...131 °F (-5...55 °C)
Ambient Air Temperature for Storage	-76...176 °F (-60...80 °C)

Permissible ambient air temperature around the device	-40...158 °F (-40...70 °C)
Height	8.0 in (203 mm)
Width	7.9 in (201.5 mm)
Depth	8.4 in (213 mm)
Operating altitude	9842.52 ft (3000 m) without derating
Net Weight	16.40 lb(US) (7.44 kg)

Ordering and shipping details

Category	US1011222336
Discount Schedule	0112
GTIN	3389110351644
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	9.449 in (24.000 cm)
Package 1 Width	9.646 in (24.500 cm)
Package 1 Length	11.220 in (28.500 cm)
Package weight(Lbs)	17.756 lb(US) (8.054 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	8
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	23.622 in (60.000 cm)
Package 2 Length	31.496 in (80.000 cm)
Package 2 Weight	204.457 lb(US) (92.740 kg)

Contractual warranty

Warranty (in months)	18
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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

Carbon footprint (kg CO2 eq, Total Life cycle) 1014

Environmental Disclosure [Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number B2d4179a-eb65-40a3-a1ef-d9a33060486f

REACH Regulation [REACH Declaration](#)

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**

PVC free Yes

Use Longer



Lifetime extension

Repair No

Use Again



Repack and remanufacture

Circularity Profile [End of Life Information](#)

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.