

# LC1F265X7

TeSys F contactor - 3P (3 NO) - AC-3 - <= 440 V  
265 A - coil 550...600 V AC

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



Price\* : 1,179.00 USD



## Main

Range	TeSys
Product name	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
Power pole contact composition	3 NO
[Ue] rated operational voltage	<= 1000 V AC 50/60 Hz <= 460 V DC
[Ie] rated operational current	350 A 104 °F (40 °C) <= 440 V AC AC-1 265 A 131 °F (55 °C) <= 440 V AC AC-3
Motor power kW	132 kW 380...400 V AC 50/60 Hz AC-3) 140 kW 415 V AC 50/60 Hz AC-3) 140 kW 440 V AC 50/60 Hz AC-3) 160 kW 500 V AC 50/60 Hz AC-3) 160 kW 660...690 V AC 50/60 Hz AC-3) 147 kW 1000 V AC 50/60 Hz AC-3) 75 kW 220...230 V AC 50/60 Hz AC-3) 51 kW 400 V AC 50/60 Hz AC-4)
[Uc] control circuit voltage	550...600 V AC 40...400 Hz

## Complementary

[Uimp] rated impulse withstand voltage	8 kV
Overvoltage category	III

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

[I <sub>th</sub> ] conventional free air thermal current	350 A 104 °F (40 °C)
Rated breaking capacity	2120 A IEC 60947-4-1
[I <sub>cw</sub> ] 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 A aM <= 440 V 400 A gG <= 440 V
Average impedance	0.3 mOhm - I <sub>th</sub> 350 A 50 Hz
[U <sub>i</sub> ] 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
Mounting support	Plate
Standards	EN 60947-1 IEC 60947-1 JIS C8201-4-1 IEC 60947-4-1 EN 60947-4-1
Product certifications	CCC RINA CB BV RMRoS UL DNV LROS (Lloyds register of shipping) ABS UKCA
Connections - terminals	Control circuit screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible without cable end Control circuit screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible without cable end Control circuit screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible with cable end Control circuit screw clamp terminals 2 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )flexible with cable end Control circuit screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )solid without cable end Control circuit screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )solid without cable end Power circuit bar 2 32 x 4 mm Power circuit lugs-ring terminals 1 0.37 in <sup>2</sup> (240 mm <sup>2</sup> ) Power circuit connector 1 0.37 in <sup>2</sup> (240 mm <sup>2</sup> ) Power circuit: bolted connection
Tightening torque	Control circuit 10.62 lbf.in (1.2 N.m) Power circuit 309.78 lbf.in (35 N.m)
Control circuit voltage limits	Operational 0.85...1.1 U <sub>c</sub> 40...400 Hz 131 °F (55 °C) Drop-out 0.15...0.2 U <sub>c</sub> 40...400 Hz 131 °F (55 °C)
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)
Heat dissipation	8 W
Operating time	40...65 ms closing 100...170 ms opening
Mechanical durability	10 Mcycles
Maximum operating rate	2400 cyc/h 55 °C
Compatibility code	LC1F

## Environment

IP degree of protection	IP20 front face with shrouds conforming to IEC 60529 IP20 front face with shrouds conforming to 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)
Operating altitude	3000 m without derating

Height	7.99 in (203 mm)
Width	7.93 in (201.5 mm)
Depth	8.39 in (213 mm)
Net Weight	16.40 lb(US) (7.44 kg)

### Ordering and shipping details

Category	22336 - CTR,F-LINE,AC,OPEN,NONREV
Discount Schedule	I12
GTIN	03389118095335
Nbr. of units in pkg.	1
Package weight(Lbs)	16.76 lb(US) (7.6 kg)
Returnability	Yes
Country of origin	CZ

### Packing Units

Unit Type of Package 1	PCE
Package 1 Height	9.45 in (24 cm)
Package 1 width	9.45 in (24 cm)
Package 1 Length	10.63 in (27 cm)

### Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

### Contractual warranty

Warranty	18 months
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