

# LC1F1700

TeSys F contactor - 3P(3 NO) - AC-1 - <= 440 V  
1700 A - without coil

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



Price\*\* : 9,280.00 USD



## Main

Range	TeSys
Product name	TeSys F
Product or component type	Contactor
Device short name	LC1F
Contactor application	Resistive load
Utilisation category	AC-1
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	1700 A 104 °F (40 °C)) <= 440 V AC AC-1

## Complementary

[Uimp] rated impulse withstand voltage	8 kV
Overvoltage category	III
[Ith] conventional free air thermal current	1700 A 104 °F (40 °C)
Irms rated making capacity	2550 A AC IEC 60947-4-1
Rated breaking capacity	2550 A IEC 60947-4-1
[Icw] rated short-time withstand current	10000 A 104 °F (40 °C) - 10 s power circuit 7500 A 104 °F (40 °C) - 30 s 5500 A 104 °F (40 °C) - 1 min 4200 A 104 °F (40 °C) - 3 min 3000 A 104 °F (40 °C) - 10 min
Associated fuse rating	1600 A gG <= 440 V power circuit IEC 60947-4-1
Average impedance	0.1 mOhm - Ith 1700 A 50 Hz
[Ui] rated insulation voltage	1000 V IEC 60947-4-1 1500 V VDE 0110 group C

Power dissipation per pole	200 W AC-1
Mounting support	Plate
Standards	EN 60947-1 JIS C8201-4-1 IEC 60947-1 EN 60947-4-1 IEC 60947-4-1
Product certifications	CB CCC CSA CETLus
Connections - terminals	Power circuit bar 3 100 x 5 mm Power circuit bolted connection
Tightening torque	Power circuit 513.34 lbf.in (58 N.m)

## Environment

Protective treatment	TH
Ambient air temperature for operation	23...104 °F (-5...40 °C)
Ambient air temperature for storage	-76...176 °F (-60...80 °C)
Permissible ambient air temperature around the device	-40...140 °F (-40...60 °C)
Operating altitude	9842.52 ft (3000 m) without
Mechanical robustness	Vibrations contactor open2 Gn, 5...300 Hz Vibrations contactor closed4 Gn, 5...300 Hz Shocks contactor open6 Gn for 1/2 sine wave (11 ms) Shocks contactor closed15 Gn for 1/2 sine wave (11 ms)
Height	13.07 in (332 mm)
Width	17.24 in (438 mm)
Depth	9.39 in (238.6 mm)
Net weight	66.14 lb(US) (30 kg)

## Ordering and shipping details

Category	22336 - CTR,F-LINE,AC,OPEN,NONREV
Discount Schedule	I12
GTIN	00785901654445
Package weight(Lbs)	29.94 kg (66 lb(US))
Returnability	No
Country of origin	CZ

## Offer Sustainability

Sustainable offer status	Green Premium product
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 Carcinogen & Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Under investigation
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

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Warranty	18 months
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