



Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LXEFG
Range compatibility	TeSys F LC1F contactor TeSys F LA4EM electronic control module
Product compatibility	LC1F225 LC1F185
Complementary required device	LA4EM250FG
Tightening torque	1.2 N.m for control circuit
Control circuit type	AC at 50/60 Hz electronic DC electronic
[Uc] control circuit voltage	100...250 V AC 50/60 Hz 100...380 V DC
Operating time	40...80 ms closing 6...54 ms opening
Mechanical durability	10 Mcycles for use with LC1F185 for use with LC1F225
Maximum operating rate	2400 cyc/h 55 °C

Complementary

Coil technology	Built-in bidirectional peak limiting
Control circuit voltage limits	Operational: 85...275 V AC 50/60 Hz (at 55 °C) Drop-out: 60 V AC 50/60 Hz (at 55 °C) Operational: 85...418 V DC (at 55 °C) Drop-out: 45 V DC (at 55 °C)
Inrush power in VA	280...310 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Inrush power in W	270...320 W (at 20 °C)
Hold-in power consumption in VA	4.5...7 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Hold-in power consumption in W	2.5...4 W at 20 °C
Heat dissipation	2.2...5.5 W

Environment

Net weight	0.55 kg
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Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins