

Product datasheet

Specifications



wide range coil, TeSys F, for LA4EM250FG, 185/225A, AC-3

LXEFG250

Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LXEFG
Range compatibility	TeSys TeSys F LC1F contactor TeSys 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 10 Mcycles 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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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	7.500 cm
Package 1 Width	10.500 cm
Package 1 Length	18.000 cm
Package 1 Weight	576.000 g

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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Compliant with Exemptions

SCIP Number

975ba4d0-bc82-40e2-8faa-6f6819f63b0c

REACH Regulation

[REACH Declaration](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[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