

Product datasheet

Specifications



wide range coil, TeSys F, for LA4EM250FK, 1200A, AC-1

LXEFK250

⚠ Discontinued on: Feb 27, 2026

⚠ Discontinued

Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LXEFK
Range compatibility	TeSys TeSys F LC1SF contactor TeSys TeSys F LA4EM electronic control module
Product compatibility	LC1SF1200
complementary required device	LA4EM250FK
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	0.5 Mcycles for use with LC1SF1200
Maximum operating rate	1200 cyc/h 55 °C for use with LC1SF1200

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	360...550 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Inrush power in W	410...500 W (at 20 °C)
Hold-in power consumption in VA	5...8 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Hold-in power consumption in W	2.7...5 W at 20 °C
Heat dissipation	2.2...5.5 W

Environment

Product weight	1.35 kg
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Packing Units

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

Package 1 Height	10.000 cm
Package 1 Width	14.000 cm
Package 1 Length	20.500 cm
Package 1 Weight	1.280 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	7.722 kg
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	61.900 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

Total lifecycle Carbon footprint	70 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	69 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	975ba4d0-bc82-40e2-8faa-6f6819f63b0c
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	95
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