

Product data sheet

Specifications



Electronic control module, TeSys F, for LXEFL2502 coil, 2600A AC-1

LA4EM250FL2

⚠ Discontinued on: 22 May 2025

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Main

Range	TeSys
Product or component type	Electronic control module
Device short name	LA4EM
Range compatibility	TeSys TeSys F LC1F contactor TeSys TeSys F LXEFL specific contactor coil
Product compatibility	LC1F2600
complementary required device	LXEFL2502
Control circuit type	AC at 50/60 Hz DC
[Uc] control circuit voltage	100...250 V AC 50/60 Hz 100...250 V DC
Input compatibility	PLC 24 V DC conforming to IEC 61131-2 Type 2
Input voltage limits	0...5 V off-state for PLC input 11...30 V on-state for PLC input
Mechanical durability	0.5 Mcycles
Maximum operating rate	600 cyc/h 55 °C

Complementary

Coil technology	Built-in bidirectional peak limiting
Control circuit voltage limits	Operational: 85...275 V AC/DC (at 55 °C) Drop-out: 0...65 V AC 50/60 Hz (at 55 °C) Drop-out: 0...51 V DC (at 55 °C)
Inrush power in VA	1100...2300 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Inrush power in W	1300...2400 W (at 20 °C)
Hold-in power consumption in VA	21.1...24.5 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Hold-in power consumption in W	14...18 W at 20 °C
Heat dissipation	16...20 W
Connections - terminals	Control circuit: removable screw terminal block 1 cable(s) 0.2...2.5 mm ² flexible without cable end Control circuit: removable screw terminal block 1 cable(s) 0.25...2.5 mm ² flexible with cable end Control circuit: removable screw terminal block 1 cable(s) 0.2...2.5 mm ² solid
Tightening torque	0.5...0.6 N.m for control circuit

Environment

Product weight	0.19 kg
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	8.2 cm
Package 1 Length	16.1 cm
Package 1 Weight	220.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	25
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.656 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	126 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	118 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	4c471e14-226f-40b6-8b59-becb7de0dcae
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

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