

# electronic control module - TeSys F - for LXEFL250 coil - 1250 A AC-3

LA4EM250FL

### 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	LC1F1250	
complementary required device	LXEFL250	
Control circuit type	AC at 50/60 Hz DC	
[Uc] control circuit voltage	100250 V AC 50/60 Hz 100380 V DC	
Input compatibility	PLC 24 V DC conforming to IEC 61131-2 Type 2	
Input voltage limits	05 V off-state for PLC input 1130 V on-state for PLC input	
Mechanical durability	1 Mcycles	
Maximum operating rate	1200 cyc/h 55 °C	

### Complementary

Coil technology	Built-in bidirectional peak limiting	
Control circuit voltage limits	Operational: 85275 V AC 50/60 Hz (at 55 °C) Drop-out: 60 V AC 50/60 Hz (at 55 °C) Operational: 85418 V DC (at 55 °C) Drop-out: 45 V DC (at 55 °C)	
Inrush power in VA	460730 VA 50/60 Hz cos phi 0.5 (at 20 °C)	
Inrush power in W	500680 W (at 20 °C)	
Hold-in power consumption in VA	710 VA 50/60 Hz cos phi 0.5 (at 20 °C)	
Hold-in power consumption in W	45.5 W at 20 °C	
Heat dissipation	2.25.5 W	
Connections - terminals	Control circuit: removable screw terminal block 1 cable(s) 0.22.5 mm² flexible without cable end Control circuit: removable screw terminal block 1 cable(s) 0.252.5 mm² flexible with cable end Control circuit: removable screw terminal block 1 cable(s) 0.22.5 mm² solid	
Tightening torque	0.6 N.m for control circuit	

### **Environment**

Net weight 0.15 kg

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	8.5 cm
Package 1 Length	16.1 cm
Package 1 Weight	207.0 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



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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	126
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	4c471e14-226f-40b6-8b59-becb7de0dcae
REACh Regulation	REACh Declaration

### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins