Product data sheet
Characteristics

LXEFL250
wide range coil, TeSys F, for LA4EM250FL, 1250A, AC-1



Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LXEFL
Range compatibility	TeSys TeSys F LC1F contactor TeSys TeSys F LA4EM electronic control module
Product compatibility	LC1F1250
Installed device	LA4EM250FL
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	1 Mcycles for use with LC1F1250
Maximum operating rate	1200 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	460…730 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Inrush power in W	500…680 W (at 20 °C)
Hold-in power consumption in VA	7…10 VA 50/60 Hz cos phi 0.5 (at 20 °C)
Hold-in power consumption in W	4…5.5 W at 20 °C
Heat dissipation	2.2…5.5 W

Environment

Net weight	1.5 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 Cm
Package 1 Width	11.5 Cm
Package 1 Length	22.5 Cm
Package 1 Weight	1.45 Kg

Offer Sustainability

Recyclability potential, in %	95
Total lifecycle Carbon footprint	70 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.9122731131826548
Carbon footprint of the manufacturing phase [A1 to A3]	0.9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.049774529084509175
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0003999825873412172
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	68.82266544572599
Carbon footprint of the use phase [B2, B3, B4, B6]	69 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.28693227533080673
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	70
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	975ba4d0-bc82-40e2-8faa-6f6819f63b0c
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
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

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised