Product data sheet
Characteristics

LA4EM250FG
electronic control module - TeSys F - for LXEFG250 coil - 185 A/225 A AC-3



Main

Range	TeSys
Product or component type	Electronic control module
Device short name	LA4EM
Range compatibility	TeSys TeSys F LC1F contactor[RETURN]TeSys TeSys F LXEFG specific contactor coil
Product compatibility	LC1F225 LC1F185
Installed device	LXEFG250
Control circuit type	AC at 50/60 Hz DC
[Uc] control circuit voltage	100...250 V AC 50/60 Hz 100...380 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	10 Mcycles
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
Connections - terminals	Control circuit: removable screw terminal block 1 cable(s) 0.2…2.5 mm² flexible without cable e Control circuit: removable screw terminal block 1 cable(s) 0.25…2.5 mm² flexible with cable en Control circuit: removable screw terminal block 1 cable(s) 0.2…2.5 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	7.000 Cm
Package 1 Width	8.500 Cm
Package 1 Length	16.000 Cm
Package 1 Weight	206.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	25
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	6.213 Kg

Offer Sustainability

Recyclability potential, in %	1
Total lifecycle Carbon footprint	126 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6.733191933493472
Carbon footprint of the manufacturing phase [A1 to A3]	7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.06085757864090937
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.10829324116124947
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	118.48000000000003
Carbon footprint of the use phase [B2, B3, B4, B6]	118 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.23400641601089736
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	126
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	4c471e14-226f-40b6-8b59-becb7de0dcae
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 : End of commerc. announced