

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 F LC1F contactor TeSys F LXEFG specific contactor coil
Product compatibility	LC1F225 LC1F185
Complementary required 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 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	0.6 N.m for control circuit

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Net weight	0.15 kg
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Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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