

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FG
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F225 LC1F185
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	380...400 V AC 50 Hz 460...480 V AC 60 Hz
Average resistance	51.3 Ohm at 20 °C
Inductance of closed circuit	7.75 H
Operating time	20...35 ms closing 7...15 ms opening
Mechanical durability	10 Mcycles
Maximum operating rate	2400 cyc/h 55 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Drop-out: 0.35...0.55 Uc 50/60 Hz (at 55 °C) Operational: 0.85...1.1 Uc 50/60 Hz (at 55 °C)
Inrush power in VA	805 VA 50 Hz cos phi 0.3 (at 20 °C) 970 VA 60 Hz cos phi 0.3 (at 20 °C)
Hold-in power consumption in VA	55 VA 50 Hz cos phi 0.3 (at 20 °C) 66 VA 60 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	18...24 W at 50/60 Hz




Environment

Ambient air temperature for operation	-5...55 °C
Net weight	0.55 kg

Packing Units

Package 1 Weight	0.555 kg
Package 1 Height	0.700 dm
Package 1 width	0.800 dm
Package 1 Length	1.600 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes

China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information

Contractual warranty

Warranty	18 months
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