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Product datasheet
Characteristics

LX1FJ415
TeSys F - contactor coil - LX1FJ - 415...440V AC 40...400 Hz

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FJ
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F400
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	415...440 V AC 40...400 Hz
Average resistance	145 Ohm inrush at 20 °C 4070 Ohm holding at 20 °C
Inductance of closed circuit	19.4 H
Operating time	100...170 ms opening 40...75 ms closing
Mechanical durability	10 Mcycles
Maximum operating rate	2400 cyc/h 55 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C) Drop-out: 0.3...0.5 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	1075 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	15 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	14 W at 40...400 Hz

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	1 kg

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

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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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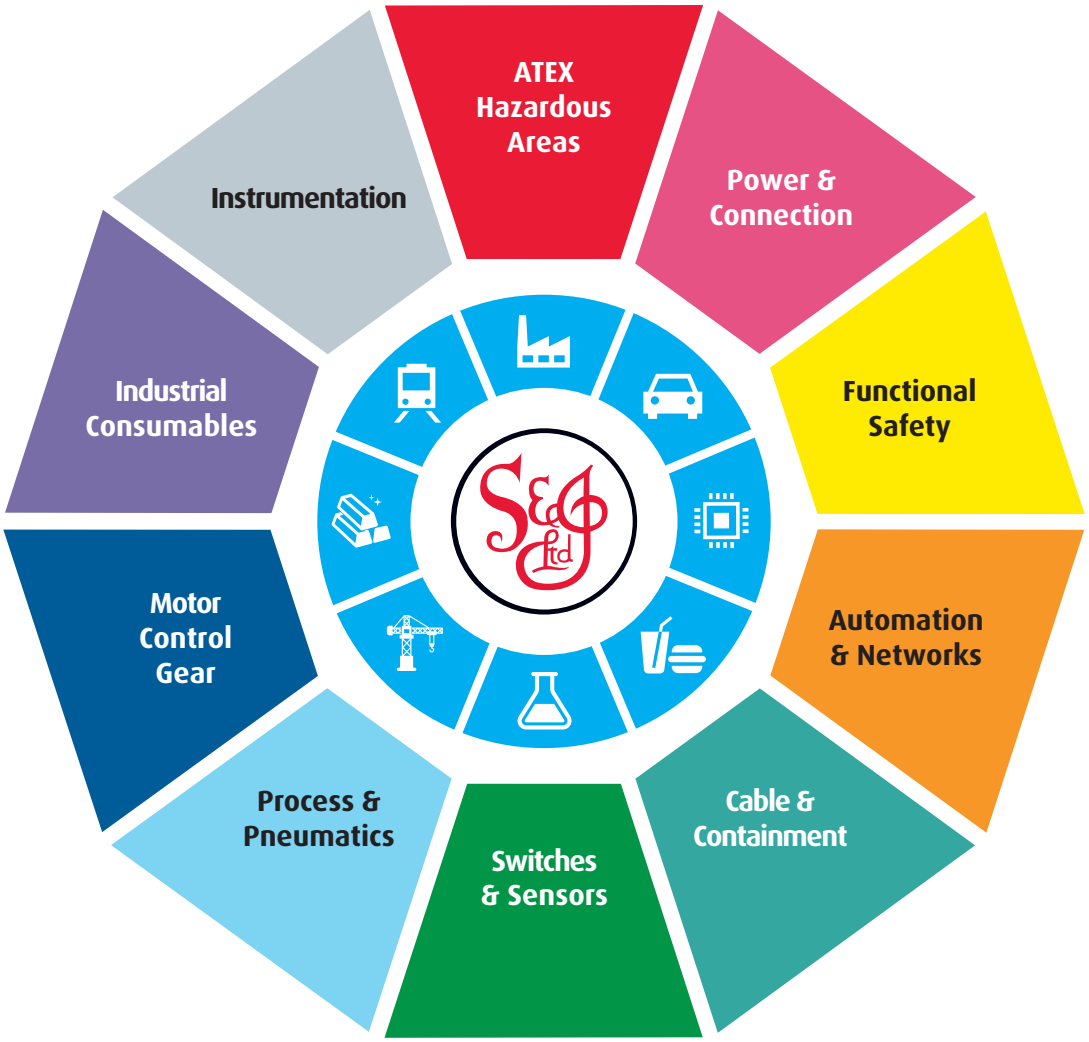

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