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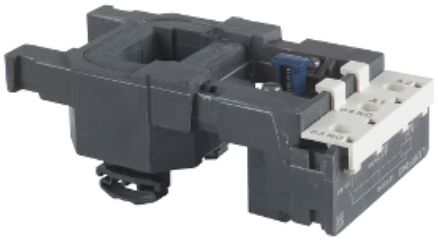
Product datasheet
Characteristics

LX1FF415
TeSys F - contactor coil - LX1FF - 415 V AC 50 Hz



Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FF
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F115 LC1F150
Control circuit type	AC at 50 Hz
[Uc] control circuit voltage	415 V AC 50 Hz
Average resistance	95.1 Ohm at 20 °C
Inductance of closed circuit	12 H
Operating time	23...35 ms closing 5...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	550 VA 50 Hz cos phi 0.3 (at 20 °C)
Hold-in power consumption in VA	45 VA 50 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	12…16 W at 50 Hz

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	0.43 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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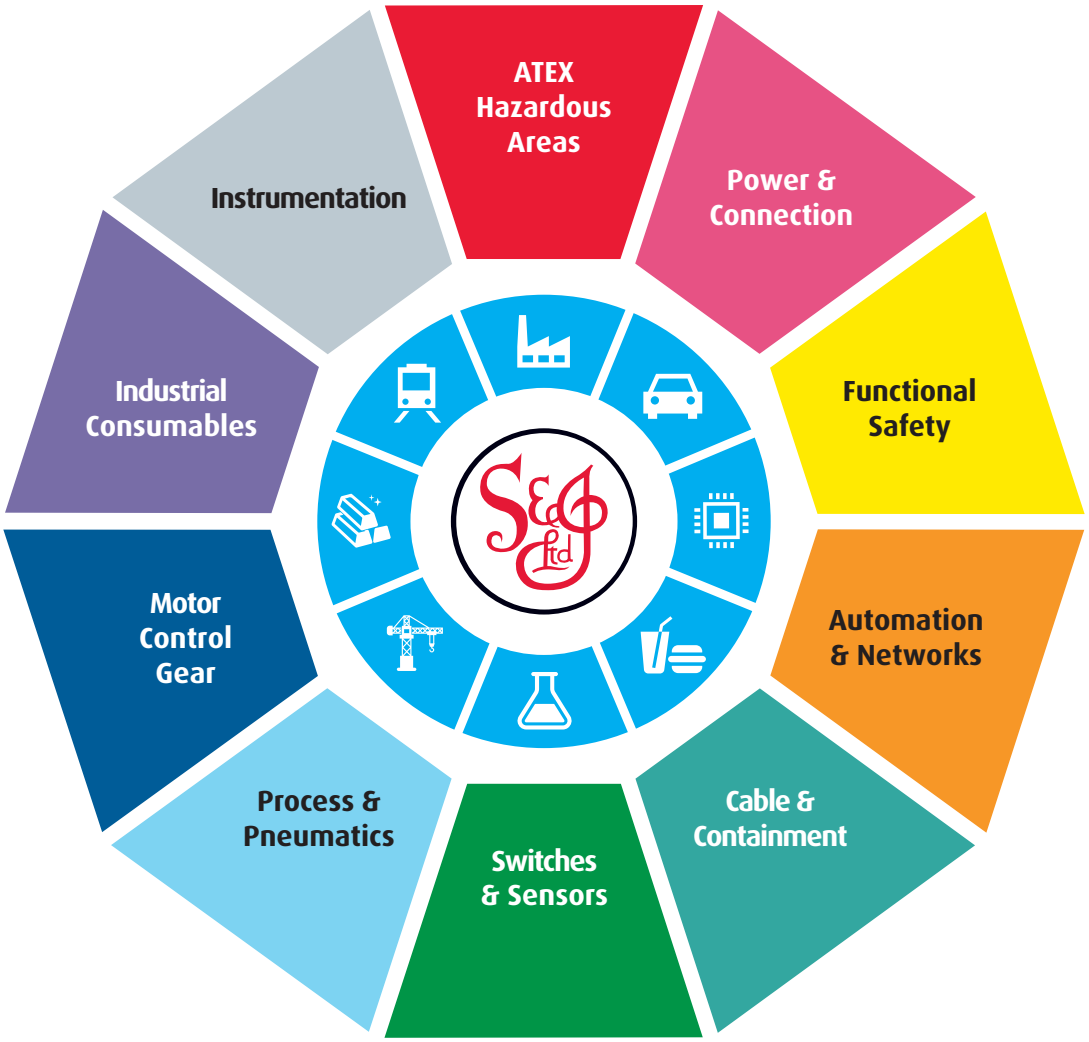

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