

# Product data sheet

Specifications



## TeSys F - contactor coil - LX1FK - 220...230 V AC 40...400 Hz

LX1FK220

### Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FK
Range compatibility	TeSys (TeSys F) LC1F contactor
Product compatibility	LC1F500
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	220...230 V AC 40...400 Hz
Inductance of closed circuit	4.55 H
Average resistance	35.5 Ohm inrush at 20 °C 915 Ohm holding at 20 °C
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	1100 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	18 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	18 W at 40...400 Hz

### Environment

Ambient air temperature for operation	-5...55 °C
Net weight	1.15 kg

### Packing Units

Unit Type of Package 1	PCE
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<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	10.500 cm
<b>Package 1 Width</b>	13.000 cm
<b>Package 1 Length</b>	20.300 cm
<b>Package 1 Weight</b>	1.235 kg
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	7.838 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	48
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	76.556 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>

## Contractual warranty

<b>Warranty</b>	18 months
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