

# Product datasheet

Specifications



## TeSys F - contactor coil - LX1FH - 240 V AC 40...400 Hz

Local distributor code: 21328208 LX1FH2402

! Discontinued on: 31 December 2022

EAN Code : 3389110553369

! To be discontinued

### Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FH
Range compatibility	TeSys (TeSys F) LC1F contactor
Product compatibility	LC1F265 LC1F330
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	240 V AC 40...400 Hz
Average resistance	87.94 Ohm inrush at 20 °C 1968 Ohm holding at 20 °C
Operating time	100...170 ms opening 40...65 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	Drop-out: 0.35...0.55 Uc 40...400 Hz (at 55 °C) Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	650 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	10 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	8 W at 40...400 Hz

### Environment

Ambient air temperature for operation	-5...55 °C
Net weight	0.75 kg

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	18.8 cm
Package 1 Width	10.16 cm
Package 1 Length	9.14 cm
Package 1 Weight	0.87 kg
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	10.739 kg

## Offer Sustainability

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

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)