Product datasheet

Specifications

TeSys F - contactor coil - LX1FX - 200...208 V AC 40...400 Hz

LX1FX200

Discontinued on: 1 Nov 2020

Discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FX
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F780
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	200...208 V AC 40...400 Hz
Inductance of closed circuit	0.66 H
Average resistance	15.5 Ohm inrush at 20 °C 750 Ohm holding at 20 °C
Operating time	130...230 ms opening 40...80 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	600 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: 0.2...0.4 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	2100 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	50 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	44 W at 40...400 Hz

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	3 kg
Quantity per set	Set of 2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.5 cm

Package 1 Width	18.0 cm
Package 1 Length	23.5 cm
Package 1 Weight	3.0 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**70 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.9 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**69 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**975ba4d0-bc82-40e2-8faa-6f6819f63b0c**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**95**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**