Product datasheet

Specifications

TeSys F - contactor coil - LX1FX - 220...240 V AC 40...400 Hz

Local distributor code: 2200688 LX1FX220

Discontinued on: 29 September 2023

EAN Code : 3389110083408

To be 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	220...240 V AC 40...400 Hz
Inductance of closed circuit	0.82 H
Average resistance	19.5 Ohm inrush at 20 °C 920 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	18.5 cm
Package 1 Width	18.5 cm
Package 1 Length	25.5 cm
Package 1 Weight	2.886 kg
Unit Type of Package 2	S03
Number of Units in Package 2	3
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.55 kg

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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months

Recommended replacement(s)