



TeSys F - contactor coil - LX1FH -24 V AC 40...400 Hz

LX1FH0242

Discontinued on: Nov 1, 2020



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 40400 Hz	
[Uc] control circuit voltage	24 V AC 40400 Hz	
Average resistance	0.8 Ohm inrush at 20 °C 20 Ohm holding at 20 °C	
Operating time	100170 ms opening 4065 ms closing	
Mechanical durability	ity 10 Mcycles	
Maximum operating rate	ate 2400 cyc/h 55 °C	

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Drop-out: 0.350.55 Uc 40400 Hz (at 55 °C) Operational: 0.851.1 Uc 40400 Hz (at 55 °C)
Inrush power in VA	650 VA 40400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	10 VA 40400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	8 W at 40400 Hz

Environment

Ambient air temperature for operation	-555 °C
net weight	0.75 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	11.000 cm
Package 1 Length	19.000 cm

Package 1 Weight	881.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.973 kg
Unit Type of Package 3	P06
Number of Units in Package 3	96
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	95.784 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

Ø	Reach Free Of Svhc	
Ø	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information