

Product data sheet

Specifications



Control module, TeSys Giga, 100...250V AC/DC, for LC1G400-500/3P standard version

LX1G3SKUEN

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1G
Poles description	3P
Range compatibility	TeSys G LX1G contactor coil
Product compatibility	LC1G400...500
[Uc] control circuit voltage	100...250 V AC/DC 50/60 Hz
Operating time	20...35 ms opening 40...55 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	600 cyc/mn 60 °C

Complementary

Coil technology	Built-in bidirectional peak limiting
Control circuit voltage limits	Operational: 0.8...1.1 Uc (at 60 °C) Drop-out: 0...0.45 Uc (at 60 °C)
Connections - terminals	Control circuit: push-in termination 1 cable(s) 0.2...2.5 mm ² solid stranded without cable end sleeve AWG 26...AWG 12 Control circuit: push-in termination 1 cable(s) 0.25...2.5 mm ² flexible with cable end sleeve AWG 24...AWG 14 Control circuit: push-in termination 2 cable(s) 0.5...1.0 mm ² rigid or stranded with cable end sleeve AWG 20...AWG 18
Inrush power in VA	880 VA at 240 V AC, 60 Hz
Inrush power in W	690.0 W DC
Hold-in power consumption in VA	11.0 VA at 240 V AC, 60 Hz
Hold-in power consumption in W	6.2 W for DC network

Environment

IP degree of protection	IP20 conforming to IEC 60529
Operating altitude	3000 m without derating 5000 m with derating factor
Electromagnetic compatibility	EMC immunity conforming to IEC 60947-4-1 Emission tests criteria A conforming to IEC 60947-4-1 Immunity to radiated radio-electrical interference - test level: 20 V/m conforming to EN/IEC 61000-4-3

Standards	EN/IEC 60947-4-1 UL 60947-4-1A CSA C22.2 No 60947-4-1
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-60...80 °C
Permissible ambient air temperature around the device	-40...70 °C at Uc
Height	167.0 mm
Width	140.0 mm
Depth	93.0 mm
Quantity per set	1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.0 cm
Package 1 Width	24.0 cm
Package 1 Length	22.0 cm
Package 1 Weight	2.0 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.6 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
PVC free	Yes
Halogen content performance	Halogen free plastic parts product
California proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Installation Videos

[TeSys Giga - How to replace control module](#)

Recommended replacement(s)