

Product datasheet

Specifications



Control module, TeSys Giga, 100-250V AC/DC, for LC1G115-225/3P standard version

LX1G3QKUEN

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	LC1G115...225
[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	485 VA at 240 V AC, 50 Hz
Inrush Power In W	365.0 W DC
Hold-In Power Consumption In Va	9.4 VA at 240 V AC, 50 Hz
Hold-In Power Consumption In W	5.2 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 Voltage dips and interruptions immunity test conforming to SEMI F47

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 U _c
Height	144.5 mm
Width	105.7 mm
Depth	94.0 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	22.0 cm
Package 1 Length	18.5 cm
Package 1 Weight	1.1 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	3.6 kg

Sustainability

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Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Pvc Free

Halogen Free Plastic Parts Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

Installation Videos

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