

# Product datasheet

Specifications



## Control module, TeSys Giga, 100-250V AC/DC, for LC1G630-800/3P standard version

LX1G3TKUEN

### 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	LC1G630...800
[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 U <sub>c</sub> (at 60 °C) Drop-out: 0...0.45 U <sub>c</sub> (at 60 °C)
Connections - Terminals	Control circuit: push-in termination 1 cable(s) 0.2...2.5 mm <sup>2</sup> solid stranded without cable end sleeve AWG 26...AWG 12 Control circuit: push-in termination 1 cable(s) 0.25...2.5 mm <sup>2</sup> flexible with cable end sleeve AWG 24...AWG 14 Control circuit: push-in termination 2 cable(s) 0.5...1.0 mm <sup>2</sup> rigid or stranded with cable end sleeve AWG 20...AWG 18

### 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

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<b>Permissible Ambient Air Temperature Around The Device</b>	-40...70 °C at Uc
<b>Height</b>	130 mm
<b>Width</b>	192 mm
<b>Depth</b>	211 mm
<b>Net Weight</b>	2145 g
<b>Quantity Per Set</b>	1

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## Packing Units

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<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	22 cm
<b>Package 1 Width</b>	27 cm
<b>Package 1 Length</b>	29 cm
<b>Package 1 Weight</b>	2.5 kg

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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



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

## Installation Videos

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