

# Product data sheet

Specifications



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

LX1G3QKUE

### Main

Range	TeSys
Product or component type	Contacteur coil
Device short name	LX1G
Poles description	3P
Range compatibility	TeSys G LX1G contacteur 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 <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
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

<b>Standards</b>	EN/IEC 60947-4-1 UL 60947-4-1A CSA C22.2 No 60947-4-1
<b>Pollution degree</b>	3 conforming to IEC 60947-1
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-60...80 °C
<b>Permissible ambient air temperature around the device</b>	-40...70 °C at Uc
<b>Height</b>	144.5 mm
<b>Width</b>	105.7 mm
<b>Depth</b>	94.0 mm
<b>Quantity per set</b>	1

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	17.0 cm
<b>Package 1 Width</b>	22.0 cm
<b>Package 1 Length</b>	18.5 cm
<b>Package 1 Weight</b>	1.1 kg
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	2
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	3.6 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>PVC free</b>	Yes
<b>Halogen content performance</b>	Halogen free plastic parts product
<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

**Installation Videos**

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

**Recommended replacement(s)**