

Product data sheet

Specifications



Control module, TeSys Giga, 48-130V AC/DC, for LC1G115-225/3P standard version

LX1G3QEHEN

Product availability: Stock - Normally stocked in distribution facility

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	48...130 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 140 °F (60 °C)

Complementary

Coil technology	Built-in bidirectional peak limiting
Control circuit voltage limits	Operational 0.8...1.1 Uc 140 °F (60 °C)) Drop-out 0...0.45 Uc 140 °F (60 °C))
Connections - terminals	Control circuit push-in termination 1 0.0003...0.004 in ² (0.2...2.5 mm ²) solid stranded without cable end sleeve AWG 26...AWG 12 Control circuit push-in termination 1 0.0004...0.004 in ² (0.25...2.5 mm ²) flexible with cable end sleeve AWG 24...AWG 14 Control circuit push-in termination 2 0.0008...0.002 in ² (0.5...1.0 mm ²) rigid or stranded with cable end sleeve AWG 20...AWG 18
Inrush power in VA	630 VA 120 V AC, 60 Hz
Inrush power in W	445.0 W DC
Hold-in power consumption in VA	15.6 VA 120 V AC, 60 Hz
Hold-in power consumption in W	4.4 W DC

Environment

IP degree of protection	IP20 IEC 60529
Operating altitude	9842.52 ft (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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Pollution degree	3 IEC 60947-1
Ambient Air Temperature for Operation	-13...140 °F (-25...60 °C)
Ambient Air Temperature for Storage	-76...176 °F (-60...80 °C)
Permissible ambient air temperature around the device	-40...158 °F (-40...70 °C) at Uc
Height	5.7 in (144.5 mm)
Width	4.2 in (105.7 mm)
Depth	3.7 in (94.0 mm)
Quantity per Set	1

Ordering and shipping details

Category	US10I1222328
Discount Schedule	0I12
GTIN	03606481946287
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.693 in (17.000 cm)
Package 1 Width	8.661 in (22.000 cm)
Package 1 Length	7.283 in (18.500 cm)
Package weight(Lbs)	2.425 lb(US) (1.100 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	6.887 lb(US) (3.124 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)
Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	71.500 lb(US) (32.432 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	6fbdad13-bb7c-47d4-a6d6-d82dd6f54349
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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
Halogen content performance	Halogen free plastic parts product
PVC free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.