

# Product data sheet

Specifications



## Control module, TeSys Giga, 100-250V AC/DC, for LC1G265-330/3P standard version

LX1G3RKUEN

**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        | LC1G265...330                            |
| [Uc] control circuit voltage | 100...250 V AC/DC 50/60 Hz               |
| Operating time               | 20...35 ms opening<br>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))<br>Drop-out 0...0.45 Uc 140 °F (60 °C))                                                                                                                                                                                                                                                                                                                 |
| Connections - terminals         | Control circuit push-in termination 1 0.0003...0.004 in² (0.2...2.5 mm²) solid stranded without cable end sleeve AWG 26...AWG 12<br>Control circuit push-in termination 1 0.0004...0.004 in² (0.25...2.5 mm²) flexible with cable end sleeve AWG 24...AWG 14<br>Control circuit push-in termination 2 0.0008...0.002 in² (0.5...1.0 mm²) rigid or stranded with cable end sleeve AWG 20...AWG 18 |
| Inrush power in VA              | 840 VA 240 V AC, 60 Hz                                                                                                                                                                                                                                                                                                                                                                           |
| Inrush power in W               | 645.0 W DC                                                                                                                                                                                                                                                                                                                                                                                       |
| Hold-in power consumption in VA | 10.6 VA 240 V AC, 60 Hz                                                                                                                                                                                                                                                                                                                                                                          |
| Hold-in power consumption in W  | 5.9 W DC                                                                                                                                                                                                                                                                                                                                                                                         |

### Environment

|                               |                                                                                                                                                                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP degree of protection       | IP20 IEC 60529                                                                                                                                                                                                                                                                     |
| Operating altitude            | 9842.52 ft (3000 m) without derating<br>5000 m with derating factor                                                                                                                                                                                                                |
| Electromagnetic compatibility | EMC immunity conforming to IEC 60947-4-1<br>Emission tests criteria A conforming to IEC 60947-4-1<br>Immunity to radiated radio-electrical interference - test level: 20 V/m conforming to EN/IEC 61000-4-3<br>Voltage dips and interruptions immunity test conforming to SEMI F47 |
| Standards                     | EN/IEC 60947-4-1<br>UL 60947-4-1A<br>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                                                | 6.6 in (167.0 mm)                |
| Width                                                 | 5.5 in (140.0 mm)                |
| Depth                                                 | 3.7 in (93.0 mm)                 |
| Quantity per Set                                      | 1                                |

## Ordering and shipping details

|                   |                |
|-------------------|----------------|
| Category          | US10I1222328   |
| Discount Schedule | 0I12           |
| GTIN              | 03606481946317 |
| 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              | 9.449 in (24.000 cm)       |
| Package 1 Length             | 8.661 in (22.000 cm)       |
| Package weight(Lbs)          | 4.409 lb(US) (2.000 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             | 9.744 lb(US) (4.420 kg)    |
| Unit Type of Package 3       | P12                        |
| Number of Units in Package 3 | 16                         |
| Package 3 Height             | 17.717 in (45.000 cm)      |
| Package 3 Width              | 31.496 in (80.000 cm)      |
| Package 3 Length             | 47.244 in (120.000 cm)     |
| Package 3 Weight             | 104.411 lb(US) (47.360 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                                                                             |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                                                                             |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen content performance            | Halogen free plastic parts product                                                                                                                                                                                                                                                                                                                 |
| PVC free                               | No                                                                                                                                                                                                                                                                                                                                                 |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                     |                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| 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. |