Product datasheet

Specification





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 | LC1G115225 | |
| [Uc] control circuit voltage | 100250 V AC/DC 50/60 Hz | |
| Operating time | 2035 ms opening 4055 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: 0.81.1 Uc (at 60 °C) Drop-out: 00.45 Uc (at 60 °C) | |
| Connections - terminals | Control circuit: push-in termination 1 cable(s) 0.22.5 mm² solid stranded without cable end sleeve AWG 26AWG 12 Control circuit: push-in termination 1 cable(s) 0.252.5 mm² flexible with cable end sleeve AWG 24AWG 14 Control circuit: push-in termination 2 cable(s) 0.51.0 mm² rigid or stranded with cable end sleeve AWG 20AWG 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 | 3000 m without derating 5000 m with derating factor | |
|-------------------------------|---|--|
| Operating altitude | | |
| 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 | -2560 °C | |
| Ambient air temperature for storage | -6080 °C | |
| Permissible ambient air temperature around the device | -4070 °C at Uc | |
| 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 |



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Transparency RoHS/REACh

Well-being performance

| ⊘ | Mercury Free | |
|----------|------------------------------------|--|
| | Rohs Exemption Information Yes | |
| ② | Pvc Free | |
| 9 | 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 | |

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Installation

Installation Videos

TeSys Giga - How to replace control module