# Product data sheet
## Characteristics

# LX1G3QEHEA
## Control module,TeSys Giga,48-130V AC/ DC,for LC1G115-225/3P advanced version




## 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<br>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)<br>Drop-out: 0...0.45 Uc (at 60 °C) |
| Connections - terminals | Control circuit: push-in termination 1 cable(s) 0.2…2.5 mm² solid stranded without cable end sle<br>Control circuit: push-in termination 1 cable(s) 0.25…2.5 mm² flexible with cable end sleeve 24<br>Control circuit: push-in termination 2 cable(s) 0.5…1.0 mm² rigid or stranded with cable end sle |
| Inrush power in VA | 225 VA at 120 V AC, 60 Hz |
| Inrush power in W | 180.0 W DC |
| Hold-in power consumption in VA | 7.1 VA at 120 V AC, 60 Hz |
| Hold-in power consumption in W | 3.0 W for DC network |

## Environment

| | |
|---|---|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Operating altitude | 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 610<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 |
| Pollution degree | 3 conforming to IEC 60947-1 |
| Ambient air temperature for operation | -25…60 °C |
| Ambient air temperature for storage | -60…80 °C |
| Permissible ambient air temperature around the device | -40…70 °C at Uc |
| Height | 144.5 Mm |

| | |
|---|---|
| Width | 105.7 Mm |
| Depth | 94.0 Mm |
| Quantity per set | 1 |

## Packing Units

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 18.0 Cm |
| Package 1 Width | 19.0 Cm |
| Package 1 Length | 21.5 Cm |
| Package 1 Weight | 1.7 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 | 3.841 Kg |

## Offer Sustainability

| | |
|---|---|
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | 6fbdad13-bb7c-47d4-a6d6-d82dd6f54349 |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Styrene, which is known to the St |
| Halogen-free status | Halogen free plastic parts product |
| PVC free | Yes |
| End of life manual availability | End Of Life Information |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and |

## Contractual warranty

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

Product Life Status : Commercialised