

LX1G4QEHEH

Control module LX1G for TeSys Giga contactor
LC1G115-225, 48...130V AC/DC, 4 pole,
standard version



Main

Range	TeSys
Product or Component Type	Contacteur coil
Device short name	LX1G
Poles description	4P
Range compatibility	LX1G contacteur 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 0.00...0.00 in ² (0.2...2.5 mm ²) solid stranded without cable end sleeve AWG 26...AWG 12 Control circuit push-in termination 1 0.00...0.00 in ² (0.25...2.5 mm ²) flexible with cable end sleeve AWG 24...AWG 14 Control circuit push-in termination 2 0.00...0.00 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 IEC 60947-4-1 Emission testscriteria A IEC 60947-4-1 Immunity to radiated radio-electrical interference 20 V/m EN/IEC 61000-4-3 Voltage dips and interruptions immunity test SEMI F47
Standards	EN/IEC 60947-4-1 UL 60947-4-1A CSA C22.2 No 60947-4-1
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	5.69 in (144.5 mm)
Width	5.54 in (140.7 mm)
Depth	3.70 in (94.0 mm)
Quantity per Set	1

Ordering and shipping details

Category	22328 - TESYS GIGA ACCESSORIES
Discount Schedule	112
GTIN	3606481946485
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	6.69 in (17 cm)
Package 1 width	8.66 in (22 cm)
Package 1 Length	8.66 in (22 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Weight	8.38 lb(US) (3.8 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
PVC free	Yes
Halogen content performance	Halogen free plastic parts product