



## Main

Range	TeSys
Product or component type	Contacteur coil
Device short name	LX1G
Poles description	3P
Range compatibility	TeSys G LX1G contactor coil
Product compatibility	LC1G115...225
[Uc] control circuit voltage	100...250 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 60 °C

## Complementary

Coil technology	Built-in bidirectional peak limiting
Control circuit voltage limits	Operational: 0.8...1.1 Uc (at 60 °C) Drop-out: 0...0.45 Uc (at 60 °C)
Connections - terminals	Control circuit: push-in termination 1 cable(s) 0.2...2.5 mm <sup>2</sup> solid stranded without cable end sleeve AWG 26...AWG 12 Control circuit: push-in termination 1 cable(s) 0.25...2.5 mm <sup>2</sup> flexible with cable end sleeve AWG 24...AWG 14 Control circuit: push-in termination 2 cable(s) 0.5...1.0 mm <sup>2</sup> rigid or stranded with cable end sleeve AWG 20...AWG 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	IP20 conforming to IEC 60529
Operating altitude	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
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
PVC free	Yes
Halogen content performance	Halogen free plastic parts product





