# **Product datasheet**

Specification





## Control module, TeSys Giga, 48-130V AC/DC, for LC1G400-500/3P standard version

LX1G3SEHEN

### 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	LC1G400500	
[Uc] control circuit voltage	48130 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	1065 VA at 120 V AC, 60 Hz	
Inrush power in W	760.0 W DC	
Hold-in power consumption in VA	15.8 VA at 120 V AC, 60 Hz	
Hold-in power consumption in W	4.9 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	-2560 °C	
Ambient air temperature for storage	-6080 °C	
Permissible ambient air temperature around the device	-4070 °C at Uc	
Height	167.0 mm	
Width	140.0 mm	
Depth	93.0 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	24.0 cm
Package 1 Length	22.0 cm
Package 1 Weight	2.0 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	4.6 kg



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Transparency RoHS/REACh

### Well-being performance

<b>⊘</b>	Mercury Free	
	Rohs Exemption Information Yes	
<b>②</b>	Pvc Free	
<b>9</b>	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	

### **Product datasheet**

### LX1G3SEHEN

Installation

**Installation Videos** 

TeSys Giga - How to replace control module