Product data sheet
Characteristics

LX1G4QEHEA
Control module,TeSys Giga,48-130V AC/ DC,for LC1G115-225/4P advanced version



Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1G
Poles description	4P
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 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 mm² solid stranded without cable end sle Control circuit: push-in termination 1 cable(s) 0.25…2.5 mm² flexible with cable end sleeve 24 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 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 610 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	140.7 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	16.5 Cm
Package 1 Width	21.0 Cm
Package 1 Length	22.5 Cm
Package 1 Weight	1.8 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	4.041 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
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