# LC1G630LSEA

## Schneider Electric LC1G630LSEA - High power contactor, TeSys Giga, 3 pole (3NO), AC-3 <=440V 630A, advanced version, 200?500V wide band AC/DC coil

**BRAND**
Schneider Electric

**PRODUCT FAMILY**
TeSys Giga

**SUPPLY BASIS**
RFQ / on request - no stock claim

**ORDER CODE / PRODUCT REFERENCE**
LC1G630LSEA

**CATEGORY**
Contactor

**RECORD IDENTITY**
Catalog identity matched

## PRODUCT DESCRIPTION

TeSys Giga high power contactor, 3 poles (3 NO) for category AC-3 applications up to 630A 400kW@440V. It provides a 200-500V AC/DC wide band low consumption electronic coil, PLC output control and embedded highly reliability 1NO+1NC auxiliary contact block (17V 1mA). Designed for demanding applications with maximum operating rates up to 600 cycles per hour and environments until 60°C. It procures high reliability and durability with 5 Mcycles mechanical durability. Local and Remote Contact Wear Diagnosis (CWD) as standard function, continuous monitoring with healthy and alarm indicators. It is possibility to replace switching module (main contacts), enhancement contactor life. Contactor can be fixed in all quadrants, maintenance without removing cables/busbars, and OLR could be directly mounted below contactor. To be used with power connection by bolted connection with cable memory kit and control connections by spring terminals, accessible from front for easy and quick replacement. It provides IP2x protection in Front face with shrouds conforming to IEC 60529 and VDE 0106. It can cover -25°C to 60°C operation ambient air temperature and directly mounted on plate, No derating up to 3000m altitude. The dimension is 324mm x 210mm x 248mm (H x W x D), compact size enables panel space savings. Multi standards certified(CE,CB,CCC,cULus,EAC,KC,RCM,Marine) and Green Premium compliant (RoHs/Reach). Unique QR code provides quick access to complete product data. Schneider Electric LC1G

## RECORDED SPECIFICATIONS

| | |
|---|---|
| **Range** | TeSys |
| **Range of product** | TeSys Giga |
| **Device short name** | LC1G |
| **Poles description** | 3P |
| **Official lifecycle** | Current official manufacturer lifecycle evidence |
| **Overvoltage category** | III |
| **Utilisation category** | AC-1 AC-3 AC-3e AC-4 AC-5a AC-5b AC-6a AC-6b AC-8b AC-8a DC-1 DC-3 DC-5 |
| **Contactor application** | Power switching Motor control |
| **Associated fuse rating** | 630 A aM at 500 A aM at 1250 A gG at 1000 A UL Type L at <= 600 V |
| **Rated breaking capacity** | 5550 A at 440 V |

## ADDITIONAL SPECIFICATIONS

| | |
|---|---|
| **Manufacturer part number** | LC1G630LSEA |
| **Product or component type** | Contactor |
| **[Uc] control circuit voltage** | 200...500 V AC 50/60 Hz 200...500 V DC |
| **Control circuit voltage limits** | Operational: 0.8 Uc Min...1.1 Uc Max (at Drop-out: 0.1 Uc Max...0.45 Uc Min (at <60 °C) |
| **[Ie] rated operational current** | 1050 A (at 630 A (at <60 °C) at <= 440 V AC-3 |
| **[Ue] rated operational voltage** | <= 460 V DC |
| **[Uimp] rated impulse withstand voltage** | 8 kV |
| **[Icw] rated short-time withstand current** | 5.05 kA - 10 s 4.4 kA - 30 s 3.4 kA - 1 min 2.2 kA - 3 min 1.6 kA - 10 min |

## MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.