

LC1G800KUEN

Schneider Electric LC1G800KUEN - High power contactor, TeSys Giga, 3 pole (3NO), AC-3 <=440V 800A, standard version, 100-250V wide band AC/DC coil

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	LC1G800KUEN
PRODUCT FAMILY	CATEGORY
TeSys Giga	Contactor
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

TeSys Giga high power contactor, 3 poles (3 NO) for category AC-3 applications up to 800A 450kW@440V. It provides a 100-250V AC/DC wide band low consumption electronic coil 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 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 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 LC1G800KUEN is the exact active commercial reference for

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-8a AC-8b DC-1 DC-3 DC-5
Contactor application	Power switching Motor control
Rated breaking capacity	5870 A at 440 V
Manufacturer part number	LC1G800KUEN

ADDITIONAL SPECIFICATIONS

Product or component type	Contactor
[Uc] control circuit voltage	100...250 V AC 50/60 Hz 100...250 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 800 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	5.5 kA - 10 s 4.6 kA - 30 s 3.6 kA - 1 min 2.6 kA - 3 min 1.7 kA - 10 min
[Ith] conventional free air thermal current	1050 A (at 40 °C)

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.