



CTR - 4P(4NO) - 440A 440V AC1 -  
spoel 48-130Vca/cc - TeSys Giga  
Standard S207

LC1G3304EHES207N

EAN Code: 3606485827759

Hoofd

|                                   |                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------|
| range                             | TeSys                                                                                                       |
| range of product                  | Tesys Giga                                                                                                  |
| product or component type         | Contacteur                                                                                                  |
| device short name                 | LC1G                                                                                                        |
| toepassing contactor              | Vermogen schakelen<br>Motorsturing                                                                          |
| utilisation category              | AC-1<br>AC-3<br>AC-3e<br>AC-4<br>AC-5A<br>AC-5B<br>AC-6a<br>AC-6B<br>AC-8b<br>AC-8a<br>DC-1<br>DC-3<br>DC-5 |
| poles description                 | 4P                                                                                                          |
| Ue toegekende bedrijfspanning     | <= 1000 V AC 50/60 Hz<br><= 460 V DC                                                                        |
| Ie toegekende bedrijfstroom       | 440 A (at <40 °C) at <= 1000 V AC-1<br>330 A (at <60 °C) at <= 440 V AC-3                                   |
| spanning stuurkring               | 48...130 V AC 50/60 Hz<br>48...130 V DC                                                                     |
| spanningslimieten controlecircuit | Operationeel: 0,8 Uc min...1,1 Uc max (at <60 °C)<br>Uitval: 0,1 Uc max....0,45 Uc min (at <60 °C)          |

Complementair

|                                                    |                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------|
| Uimp toegekende schokgolfspanning                  | 8 kV                                                                                     |
| overvoltage category                               | III                                                                                      |
| Ith conventionele thermische stroom in vrije lucht | 440 A (at 40 °C)                                                                         |
| nominaal uitschakelvermogen                        | 2940 A at 440 V                                                                          |
| Icw korte duurstroom                               | 2,65 kA - 10 s<br>1,8 kA - 30 s<br>1,3 kA - 1 min<br>0,9 kA - 3 min<br>0,75 kA - 10 min  |
| verbonden zekeringsvermogen                        | 400 A aM at <= 440 V for motor<br>250 A aM at <= 690 V for motor<br>500 A gG at <= 690 V |

De weergegeven prijs is de adviesprijs in euro excl. BTW. Deze kan onderhevig zijn aan korting. Neem contact op met uw lokale distributeur of detailhandel voor de daadwerkelijke prijs

Disclaimer: Deze documentatie is niet bedoeld als vervanging voor en mag niet worden gebruikt voor het bepalen van de geschiktheid of betrouwbaarheid van deze producten voor specifieke gebruikerstoepassingen

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| gemiddelde impedantie                       | 0,000144 Ohm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ui toegekende isolatiespanning              | 1000 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| vermogensdissipatie per pool                | 30 W AC-1 - lth 440 A<br>16 W AC-3 - lth 330 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| compatibility code                          | LC1G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| samenstelling poolcontact                   | 3 NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| samenstelling hulpcontact                   | 1 NO + 1 NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| motorvermogen kW                            | 90 kW at 230 V AC 50/60 Hz (AC-3e)<br>160 kW at 400 V AC 50/60 Hz (AC-3e)<br>160 kW at 415 V AC 50/60 Hz (AC-3e)<br>185 kW at 440 V AC 50/60 Hz (AC-3e)<br>200 kW at 500 V AC 50/60 Hz (AC-3e)<br>220 kW at 690 V AC 50/60 Hz (AC-3e)<br>185 kW at 1000 V AC 50/60 Hz (AC-3e)<br>90 kW at 230 V AC 50/60 Hz (AC-3)<br>160 kW at 400 V AC 50/60 Hz (AC-3)<br>160 kW at 415 V AC 50/60 Hz (AC-3)<br>200 kW at 440 V AC 50/60 Hz (AC-3)<br>200 kW at 500 V AC 50/60 Hz (AC-3)<br>220 kW at 690 V AC 50/60 Hz (AC-3)<br>185 kW at 1000 V AC 50/60 Hz (AC-3)<br>90 kW at 230 V AC 50/60 Hz (AC-4)<br>160 kW at 400 V AC 50/60 Hz (AC-4)<br>160 kW at 415 V AC 50/60 Hz (AC-4)<br>185 kW at 440 V AC 50/60 Hz (AC-4)<br>200 kW at 500 V AC 50/60 Hz (AC-4)<br>220 kW at 690 V AC 50/60 Hz (AC-4)<br>185 kW at 1000 V AC 50/60 Hz (AC-4) |
| motorvermogen pk                            | 100 hp at 200/208 V 60 Hz<br>125 hp at 230/240 V 60 Hz<br>250 hp at 460/480 V 60 Hz<br>300 hp at 575/600 V 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Irms nominale maakcapaciteit                | 3830 A at 440 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| spoeltechnologie                            | Ingebouwde bidirectionele piek beperken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| betrouwbaarheidsniveau veiligheid           | B10d = 400000 cycles contactor met nominale belasting conform aan EN/ISO 13849-1<br>B10d = 3000000 cycles contactor met mechanische belasting conform aan EN/ISO 13849-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| mechanische duurzaamheid                    | 8 Mcycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| inschakelstroom in VA (50/60 Hz, AC)        | 780 VA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| inschakelstroom in W (DC)                   | 695 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| hold-in stroomverbruik in VA (50/60 Hz, AC) | 17,6 VA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| hold-in stroomverbruik in W (DC)            | 7,8 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| werkingstijd                                | 40...70 ms sluiting<br>15...50 ms opening                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| maximale operationele snelheid              | 300 cyc/h AC-1<br>500 cyc/h AC-3<br>500 cyc/h AC-3e<br>150 cyc/h AC-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| aansluitingen - aansluitklemmen             | Vermogenskring: staaf 2 - busbar cross section: 32 x 10 mm<br>Vermogenskring: schoenen-ringklemmen 1 185 mm²<br>Vermogenskring: bevestiging met bouten<br>Stuurkring: insteek 1 0,2...2,5 mm² - cable stiffness: massief-bedraad zonder kabeluiteinde<br>Stuurkring: insteek 1 0,25...2,5 mm² - cable stiffness: flexibel met kabeluiteinde<br>Stuurkring: insteek 2 0,5...1,0 mm² met kabeluiteinde<br>Stuurkring: insteek 0,75...2,5 mm² - cable stiffness: massief-bedraad zonder kabeluiteinde<br>Stuurkring: insteek 0,75...2,5 mm² - cable stiffness: flexibel met kabeluiteinde                                                                                                                                                                                                                                            |
| aansluitingssteek                           | 45 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| mounting support       | Plaat                                                                                                                                                    |
| normen                 | EN/IEC 60947-4-1<br>EN/IEC 60947-5-1<br>UL 60947-4-1<br>CSA C22.2 Nr 60947-4-1<br>JIS C8201-4-1<br>JIS C8201-5-1<br>UL 60335-1<br>UL 60335-2-40:Annex JJ |
| product certifications | CB-regeling<br>CCC<br>cULus<br>EAC<br>CE<br>UKCA                                                                                                         |
| aanspanmoment          | 35 N.m                                                                                                                                                   |
| height                 | 225 mm                                                                                                                                                   |
| width                  | 140 mm                                                                                                                                                   |
| depth                  | 225 mm                                                                                                                                                   |
| net weight             | 8,3 kg                                                                                                                                                   |

## Omgeving

|                                                      |                                                                                                                                                                                          |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP beschermingsgraad                                 | IP2x voorkant met ommantelingen conform aan IEC 60529<br>IP2x voorkant met ommantelingen conform aan VDE 0106                                                                            |
| ambient air temperature for operation                | -25...60 °C                                                                                                                                                                              |
| ambient air temperature for storage                  | -60...80 °C                                                                                                                                                                              |
| mechanische stevigheid                               | Trillingen 5...300 Hz 2 gn contactgever open<br>Trillingen 5...300 Hz 4 gn contactgever gesloten<br>Schokken 10 gn 11 ms contactgever open<br>Schokken 15 gn 11 ms contactgever gesloten |
| colour                                               | Donkergrijs                                                                                                                                                                              |
| beschermende behandeling                             | TH                                                                                                                                                                                       |
| toegelaten omgevingsluchttemperatuur rondom apparaat | -40...70 °C bij Uc                                                                                                                                                                       |

## Verpakkingseenheid

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 30 cm   |
| Package 1 Width              | 26,5 cm |
| Package 1 Length             | 37 cm   |
| Package 1 Weight             | 9,7 kg  |
| Unit Type of Package 2       | S06     |
| Number of Units in Package 2 | 4       |
| Package 2 Height             | 60 cm   |
| Package 2 Width              | 60 cm   |
| Package 2 Length             | 80 cm   |
| Package 2 Weight             | 46,2 kg |

Schneider Electric wil tegen 2050 de Net Zero-status hebben bereikt via partnerschappen in de toeleveringsketen, materialen met een lagere impact en circulariteit via onze doorlopende campagne "Use Better, Use Longer, Use Again" om de levensduur van producten en de recycleerbaarheid te verlengen.

[Uitleg van Environmental Data](#) >

[Hoe evalueren we de duurzaamheid van producten?](#) >

| Milieuvoetafdruk                           |                                               |
|--------------------------------------------|-----------------------------------------------|
| Totale levenscyclus ecologische voetafdruk | 2827                                          |
| Milieuprofiel van product (PEP)            | <a href="#">Milieuprofiel van het product</a> |

Use Better

| Materialen en verpakking       |                                      |
|--------------------------------|--------------------------------------|
| Pakket met gerecycleerd karton | Ja                                   |
| Verpakkingen zonder kunststof  | Nee                                  |
| EU-richtlijn RoHS              | Voldoet niet                         |
| SCIP-nummer                    | 6fbdad13-bb7c-47d4-a6d6-d82dd6f54349 |
| REACH-regelgeving              | <a href="#">REACH-verklaring</a>     |

Use Again

| Herverpakken en herfabriceren |                                                                                                                                                                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circulair Profiel             | <a href="#">Informatie over einde levensduur</a>                                                                                                                                                                                                    |
| Terugname                     | No                                                                                                                                                                                                                                                  |
| WEEE Label                    |  Het product moet op markten van de Europese Unie worden afgevoerd volgens specifieke afvalinzamelingsregels en mag nooit in een gewone vuilnisbak terechtkomen. |

Offer Marketing Illustration

Product benefits / Features

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## TeSys Giga Contactors





### Simplified maintenance

A patented modular design for the switching and control unit and cable memory enables better performance and faster spare parts replacement in an optimised footprint.



### Ready for critical applications

Improved auxiliary contacts (17 V/1 mA, 10-8) enable better reliability in harsh environments and conform to high-density PLC input applications.



### Resilience and uptime

Self diagnostic functions enable predictive maintenance with easier and safer commissioning.

Offer Marketing Illustration

Product benefits / Features

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A black TeSys Giga Contactor, model LC1G3304EHES207N, is shown against a green circular background. The device has a modular design with a main body and a terminal block on top. It features a green label with the Schneider Electric logo and technical specifications. The contactor is designed for high power applications, with a maximum current of 800 A AC-3 or 1050 A AC-1.

### TeSys Giga Contactors

#### Technical Benefits

- Self-diagnostic indicators and full-scale protection help speed up corrections and prevent downtime.
- Modular design that simplifies machine integration and maintenance.
- High power contactors (up to 800 A AC-3 or 1050 A AC-1) for AC/DC motor applications and AC/DC load applications.
- They can be used up to 1000 Vac power voltage and 460 Vdc power voltage.
- Ground fault protection, phase imbalance/failure protection, and protection of single-phase loads.
- The coil is designed for less energy consumption and wider voltage bandwidth.

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

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### TeSys Giga Contactors

Range Accessories



Mechanical Interlock



Cable memory kit



Terminal shroud



Auxiliary contact block



Remote Wear Diagnostic Module



Switching Module Kit



Control module



Phase separator



Change-over connection bar



Reverser connection bar



# Productinformatieblad LC1G3304EHES207N

## Technical Illustration

### Assembly's dimensions

