



**SCHNEIDER CONTACTOR TESYS GIGA, 3P (3 NO), AC-3 <= 440V 500A, AVANSATA,  
BOBINA 24..48V C.A./C.C.**

Gama: TeSys

gama de produse: TeSys Giga

Tip produs sau componenta: Contactor

nume scurt al dispozitivului: LC1G

aplicatie contactor: Comutarea puterii

Comanda motor

categorie de utilizare: 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

descriere poli: 3P

[Ue] tensiune nominala de functionare: <= 1000 V c.a. 50/60 Hz

<= 460 V c.c.

[Ie] curent nominal de utilizare: 700 A (at 500 A (at [Uc] tensiune circuit de comanda: 24...48 V c.a. 50/60 Hz

24...48 V c.c.

limite de tensiune circuit de comanda: Opera?ional: 0.8 Uc Min...1.1 Uc Max (at Eliminare: 0.1 Uc

Max...0.45 Uc Min (at [Uimp] tensiune de tinere la impuls: 8 kV  
categorii de supratensiune: III

[Ith] curent termic conventional in aer liber: 700 A (at 40 °C)

capacitate de rupere nominala: 4600 A at 440 V

[Icw] curent nominal de scurtcircuit admisibil: 4,0 kA - 10 s

2,8 kA - 30 s

2,2 kA - 1 min

1,5 kA - 3 min

1,2 kA - 10 min

calibrul fuzibilului asociat: 500 A aM at <= 440 V for motor

400 A aM at <= 690 V for motor

800 A gG at <= 690 V

600 A UL Type L at <= 600 V

impedanta medie: 0,00008 Ohm

[Ui] tensiune nominala de izolatie: 1000 V

puterea disipata pe pol: 40 W AC-1 - Ith 700 A

20 W AC-3 - Ith 500 A

Cod compatibilitate: LC1G

compozitie contact pol: 3 NO

compozitie contact auxiliar: 1 NO + 1 NC

putere motor kW: 147 kW at 230 V c.a. 50/60 Hz (AC-3e)

250 kW at 400 V c.a. 50/60 Hz (AC-3e)

250 kW at 415 V c.a. 50/60 Hz (AC-3e)

280 kW at 440 V c.a. 50/60 Hz (AC-3e)

315 kW at 500 V c.a. 50/60 Hz (AC-3e)

355 kW at 690 V c.a. 50/60 Hz (AC-3e)

335 kW at 1000 V c.a. 50/60 Hz (AC-3e)

160 kW at 230 V c.a. 50/60 Hz (AC-3)

250 kW at 400 V c.a. 50/60 Hz (AC-3)

250 kW at 415 V c.a. 50/60 Hz (AC-3)

315 kW at 440 V c.a. 50/60 Hz (AC-3)

355 kW at 500 V c.a. 50/60 Hz (AC-3)

355 kW at 690 V c.a. 50/60 Hz (AC-3)

335 kW at 1000 V c.a. 50/60 Hz (AC-3)

150 kW at 230 V c.a. 50/60 Hz (AC-4)

250 kW at 400 V c.a. 50/60 Hz (AC-4)

250 kW at 415 V c.a. 50/60 Hz (AC-4)

295 kW at 440 V c.a. 50/60 Hz (AC-4)

295 kW at 500 V c.a. 50/60 Hz (AC-4)

355 kW at 690 V c.a. 50/60 Hz (AC-4)

280 kW at 1000 V c.a. 50/60 Hz (AC-4)

putere motor hp: 150 CP at 200/208 V 60 Hz

200 CP at 230/240 V 60 Hz

400 CP at 460/480 V 60 Hz

450 CP at 575/600 V 60 Hz

Irms capacitatea nominala la inchidere: 5090 A at 440 V

tehnologie bobine: Limitare de varf bidirectionala incorporata

nivel de incredere al securitatii: B10d = 400000 cic contactor cu sarcin? nominal? conformitate cu EN/ISO 13849-1

B10d = 3000000 cic contactor cu sarcin? mecanic? conformitate cu EN/ISO 13849-1

durabilitate mecanica: 8 Mcycles

inrush power in VA (50/60 Hz, AC): 490 VA

inrush power in W (DC): 350 W

hold-in power consumption in VA (50/60 Hz, AC): 17,9 VA

hold-in power consumption in W (DC): 6,0 W  
timp de functionare: 40...70 ms inchidere  
15...50 ms deschidere  
viteza maxima de functionare: 600 cic/h AC-3  
600 cic/h AC-3e  
300 cic/h AC-1  
150 cic/h AC-4  
conexiuni - borne: Circuit de alimentare: bara 2 - busbar cross section: 32 x 10 mm  
Circuit de alimentare: terminale cu papuci 1 185 mm<sup>2</sup>  
Circuit de alimentare: conexiune cu surub  
Circuit de comanda: push-in 1 0,2...2,5 mm<sup>2</sup> - cable stiffness: torsadat fara terminale de cablu  
Circuit de comanda: push-in 1 0,25...2,5 mm<sup>2</sup> - cable stiffness: flexibil cu pini  
Circuit de comanda: push-in 2 0,5...1,0 mm<sup>2</sup> cu pini  
Circuit de comanda: push-in 0,75...2,5 mm<sup>2</sup> - cable stiffness: torsadat fara terminale de cablu  
Circuit de comanda: push-in 0,75...2,5 mm<sup>2</sup> - cable stiffness: flexibil cu pini  
pasul conexiunii: 45 mm  
suport de montare: Placa  
standarde: EN/IEC 60947-4-1  
SR EN 60947-5-1  
UL 60947-4-1  
CSA C22.2 No 60947-4-1  
JIS C8201-4-1  
JIS C8201-5-1  
IEC 60335-1:Clause 30.2  
IEC 60335-2-40:Annex JJ  
UL 60335-1  
UL 60335-2-40:Annex JJ  
certificari produs: Schema CB  
CCC  
cULus  
EAC  
UE  
UKCA  
EU-RO-MR by DNV-GL  
cuplu de strangere: 35 N.m  
inaltime: 290 mm  
latime: 140 mm  
adancime: 226 mm  
greutate neta: 7,8 kg  
grad de protectie IP: IP2x parte frontala fara capace de protectie conformitate cu SR EN 60529  
IP2x parte frontala fara capace de protectie conformitate cu VDE 0106  
temperatura ambientala de functionare: -25...60 °C  
temperatura ambietala pentru depozitare: -60...80 °C  
rezistenta mecanica: Vibra?ii 5...300 Hz 2 gn contactor deschis  
Vibra?ii 5...300 Hz 4 gn contactor inchis  
?ocuri 10 gn 11 ms contactor deschis  
?ocuri 15 gn 11 ms contactor inchis  
culoare: Gri inchis  
tratament protector: TH  
temperatura permisa a aerului in jurul aparatului: -40...70 °C la Uc  
Pret: 9.229,77 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/contactor-tesys-giga-3p-3-no-ac-3-440v-500a-avansata-bobina-24-48v-c-a-c-c>