



**SCHNEIDER CONTACTOR TESYS GIGA, 3P (3 NO), AC-3 <= 440V 225A, 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: 330 A (at 225 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: 330 A (at 40 °C)

capacitate de rupere nominala: 2050 A at 440 V

[Icw] curent nominal de scurtcircuit admisibil: 1,8 kA - 10 s
1,0 kA - 30 s

0,85 kA - 1 min

0,56 kA - 3 min

0,44 kA - 10 min

calibrul fuzibilului asociat: 250 A aM at <= 440 V for motor

200 A aM at <= 690 V for motor

400 A gG at <= 690 V

400 A UL Type J at <= 600 V

impedanta medie: 0,00015 Ohm

[Ui] tensiune nominala de izolatii: 1000 V

puterea disipata pe pol: 20 W AC-1 - Ith 330 A

8 W AC-3 - Ith 225 A

Cod compatibilitate: LC1G

compozitie contact pol: 3 NO

compozitie contact auxiliar: 1 NO + 1 NC

putere motor kW: 55 kW at 230 V c.a. 50/60 Hz (AC-3e)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

75 CP at 230/240 V 60 Hz

150 CP at 460/480 V 60 Hz

150 CP at 575/600 V 60 Hz

Irms capacitatea nominala la inchidere: 2720 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): 290 VA

inrush power in W (DC): 220 W

hold-in power consumption in VA (50/60 Hz, AC): 10 VA

hold-in power consumption in W (DC): 5,7 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: 25 x 6 mm
Circuit de alimentare: terminale cu papuci 1 185 mm²
Circuit de alimentare: conexiune cu surub
Circuit de comanda: push-in 1 0,2...2,5 mm² - cable stiffness: torsadat fara terminale de cablu
Circuit de comanda: push-in 1 0,25...2,5 mm² - cable stiffness: flexibil cu pini
Circuit de comanda: push-in 2 0,5...1,0 mm² cu pini
Circuit de comanda: push-in 0,75...2,5 mm² - cable stiffness: torsadat fara terminale de cablu
Circuit de comanda: push-in 0,75...2,5 mm² - cable stiffness: flexibil cu pini
pasul conexiunii: 35 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: 18 N.m
inaltime: 255 mm
latime: 108 mm
adancime: 193 mm
greutate neta: 4,1 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: 4.153,39 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/contactor-tesys-giga-3p-3-no-ac-3-440v-225a-avansata-bobina-24-48v-c-a-c-c>