


# SCHNEIDER CONTACTOR TESYS GIGA, 3P (3 NO), AC-3 <= 440V 185A, 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: 305 A (at 185 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
categorie de supratensiune: III
[Ith] curent termic conventional in aer liber: 305 A (at 40 °C)
capacitate de rupere nominala: 1610 A at 440 V
[Icw] curent nominal de scurtcircuit admisibil: 1,5 kA - 10 s
0,92 kA - 30 s
0,74 kA - 1 min
0,5 kA - 3 min
0,4 kA - 10 min
calibrul fuzibilului asociat: 200 A aM at <= 440 V for motor
160 A aM at <= 690 V for motor
315 A gG at <= 690 V
300 A UL Type J at <= 600 V
impedanta medie: 0,00017 Ohm
[Ui] tensiune nominala de izolatie: 1000 V
puterea disipata pe pol: 20 W AC-1 - Ith 305 A
6 W AC-3 - Ith 185 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)
90 kW at 400 V c.a. 50/60 Hz (AC-3e)
90 kW at 415 V c.a. 50/60 Hz (AC-3e)
110 kW at 440 V c.a. 50/60 Hz (AC-3e)
110 kW at 500 V c.a. 50/60 Hz (AC-3e)
110 kW at 690 V c.a. 50/60 Hz (AC-3e)
75 kW at 1000 V c.a. 50/60 Hz (AC-3e)
55 kW at 230 V c.a. 50/60 Hz (AC-3)
90 kW at 400 V c.a. 50/60 Hz (AC-3)
90 kW at 415 V c.a. 50/60 Hz (AC-3)
110 kW at 440 V c.a. 50/60 Hz (AC-3)
110 kW at 500 V c.a. 50/60 Hz (AC-3)
110 kW at 690 V c.a. 50/60 Hz (AC-3)
75 kW at 1000 V c.a. 50/60 Hz (AC-3)
55 kW at 230 V c.a. 50/60 Hz (AC-4)
90 kW at 400 V c.a. 50/60 Hz (AC-4)
90 kW at 415 V c.a. 50/60 Hz (AC-4)
100 kW at 440 V c.a. 50/60 Hz (AC-4)
110 kW at 500 V c.a. 50/60 Hz (AC-4)
110 kW at 690 V c.a. 50/60 Hz (AC-4)
75 kW at 1000 V c.a. 50/60 Hz (AC-4)
putere motor hp: 50 CP at 200/208 V 60 Hz
60 CP at 230/240 V 60 Hz
125 CP at 460/480 V 60 Hz
150 CP at 575/600 V 60 Hz
Irms capacitatea nominala la inchidere: 2310 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: 3.105,21 LEI (TVA inclus)

Detalii online: https://www.materialeelectrice.ro/contactor-tesys-giga-3p-3-no-ac-3-440v-185a-avansata-bobina-24-48v-c-a-c-c