



Sample image

Datasheet

Article number: 70012802

Designation: KG20B.T106/40.KL11V

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Tension assignée d'isolement Ui

Tension (V) AC / DC

690 AC

Courant ininterrompu et thermique conventionnel Iu/Ith

Intensité (A) Température Ambiante (°) Température Maxi (°) Spécification complémentaire

25 50 55 Température ambiante +50°C durant 24 heures avec point à +55°C

Courant assigné d'emploi Ie

Catégorie d'emploi

AC-32A

Tension (V)

20 - 400

Intensité (A)

20

Puissance assignée d'emploi

Catégorie d'emploi

AC-3

Tension (V)

220 - 240

Nb de phases

3

Nb de pôles

3

Puissance (kW)

4

AC-3

380 - 440

3

3

5,50

AC-3

660 - 690

3

3

5,50

AC-23A

220 - 240

3

3

5,50

AC-23A

380 - 440

3

3

7,50

AC-23A

660 - 690

3

3

7,50

Protection par fusible (IEC)

Caractéristique

gG

Nombre de fusible

1

Intensité (A)

35

UL60947-4-1, UL508

Nominal Voltage

Tension (V) AC / DC

600 AC

Tension assignée d'isolement Ui

Tension (V) AC / DC

600 AC

Rated thermal current

Intensité (A)

25

Température Ambiante (°) Additional Text

0 - 40

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Horsepower rating

Across-the-Line Motor Starting

Tension (V)

110 - 120

Nb de phases

1

Nb de pôles

2

Power (HP)

1

Ambient temperature [°C]

40

DOL

220 - 240

1

2

3

40

DOL

277 - 277

1

2

3

40

DOL

415 - 415

1

2

5

40

DOL

440 - 480

1

2

5

40

DOL

550 - 600

1

2

5

40

DOL

110 - 120

3

3

2

40

DOL

200 - 240

3

3

7,50

40

DOL

415 - 415

3

3

10

40

DOL

440 - 480

3

3

15

40

DOL

550 - 600

3

3

20

40

Pilot duty rating code

Duty Code

A600

SCCR / Max. fuse rating

Conditions of acceptability

This device is suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses.

Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes at 600V max., when protected by 40A Class J fuses.

Temp. rating of wire

Temperature rating (°C)

60 - 75

Intensité (A) Text

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General Use

AC / DC

Tension (V)

277

Intensité (A)

25

Nb de phases

1

Nb de pôles

1

No. of contacts in series

1

AC

General Use					
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	600	25	1	2	1
AC	600	25	3	3	1

General Information

Text

- The operating handle and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating means to be used should have been previously evaluated in combination with the manual motor controllers.

- When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.

CSA

Nominal Voltage

Tension (V) AC / DC
600 AC

Tension assignée d'isolement Ui

Tension (V) AC / DC
600 AC

Rated thermal current

Intensité (A) 25
Température Ambiante (°) 0 - 40 - Additional Text

Horsepower rating

Across-the-Line Motor Starting	Tension (V)	Nb de phases	Nb de pôles	Power (HP)	Ambient temperature [°C]
DOL	110 - 120	1	2	1	40
DOL	220 - 240	1	2	3	40
DOL	277 - 277	1	2	3	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	5	40
DOL	550 - 600	1	2	5	40
DOL	110 - 120	3	3	2	40
DOL	220 - 240	3	3	7,50	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	15	40
DOL	550 - 600	3	3	20	40

Pilot duty rating code

Duty Code

A600

Temp. rating of wire

Temperature rating (°C) 75
Intensité (A) Text -- --

General Use

AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	277	25	1	1	1
AC	600	25	1	2	1
AC	600	25	3	3	1

GENERAL TECHNICAL INFORMATION

Size of conductor

composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)	Material of the wire
flexible wire	Max.	1	AWG 10	Copper
flexible wire	Max.	1	4mm ²	Copper
Single-core or stranded wire	Max.	1	6mm ²	Copper
Single-core or stranded wire	Max.	1	AWG 10	Copper
flexible wire with sleeve	Max.	1	4mm ²	Copper

Stripping length

Length (mm) --



Recommandations concernant le tournevis

Type	Value
Tournevis cruciforme	PH2
Slot screwdriver according to DIN 5264	0,8x4

Tightening torque of screws

tightening torque (Nm) 1,25
tightening torque (lb-in) 11

Approbations

Specification

EAC

CE marking

UK Directives

CSA C.22.2 No.14

GB/T14048.3

Marking



General Information

Text

- EMC Note: This device is suitable for use in environment A and B.
- Ne jamais lubrifier ou traiter les contacts.
- Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.
- Use copper wire only. Do not coat the wire end with tin.
- Les bornes qui ne sont pas supposées être utilisées pour le raccordement de l'appareil sont livrées serrées et ne doivent pas être desserrées. Si toutefois ces bornes sont malgré tout ouvertes accidentellement, vérifier qu'aucun shunt n'est manquant. Le câblage terminé, s'assurer que toutes les bornes sont serrées.

Waste Electrical & Electronic Equipment (WEEE)

Picture name Description



Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.krausnaimer.com

Proposition 65

Picture name Description



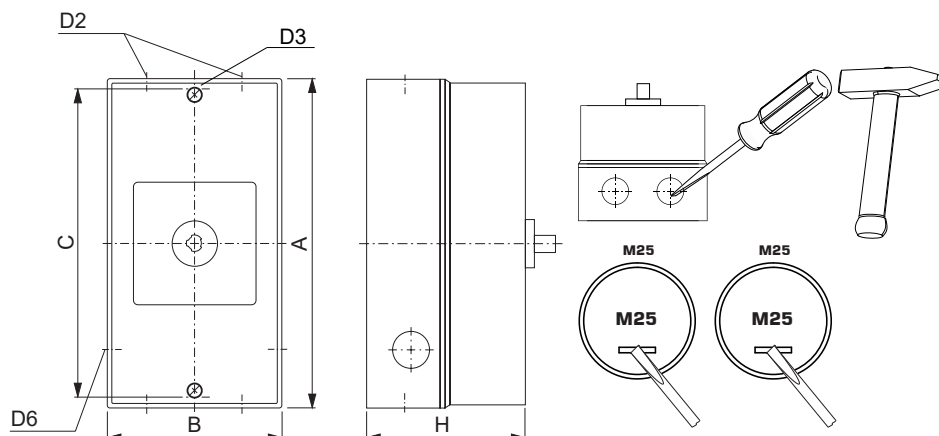
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

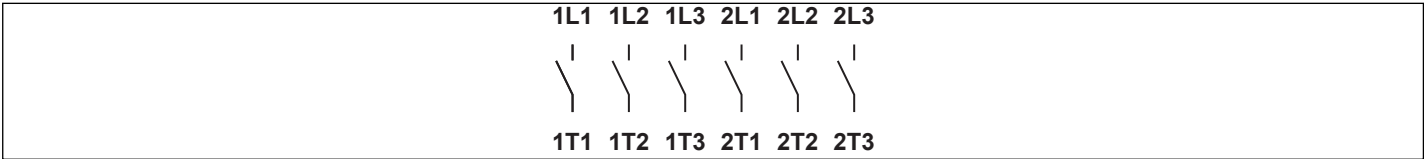
Mounting-KL11V



IP - Code front side		IP66, IP67, IP69k
Stages		6,00 - 6,00
A	H	190,00 mm
B	H	100,00 mm
C	H	178,00 mm
D2	Ø	4,00 x M25
D3	Ø	5,60 mm
D6	Ø	2,00 x M25
H	H	93,00 mm

Wiring diagram

KG20B.T306.KL11V



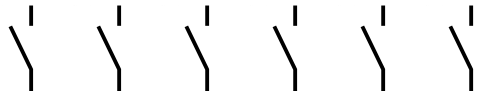
Switch program

KG20B.T306.KL11V



Kraus & Naimer

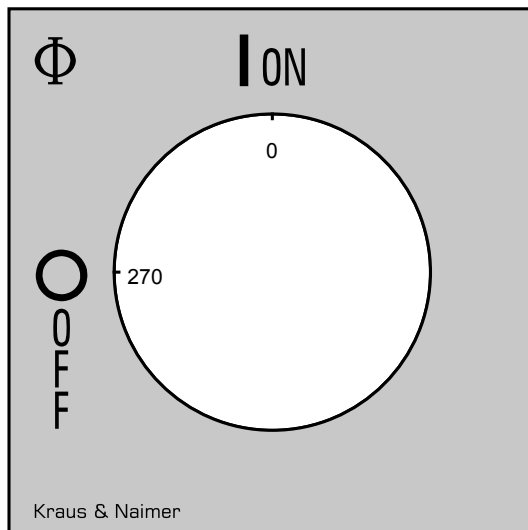
KG20B
T306
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Face Plate									
		1L1	1L2	1L3	2L1	2L2	2L3		
		1	3	5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		1T1	1T2	1T3	2T1	2T2	2T3		
0	270								
1	0	■	■	■	■	■	■		
	90								
	180								

Version: 117

Face plate

S1.F656/C10.V9



AUXILIARY CONTACTS

(cam operated) for switch type KG20 - KG100C
and KH(R)16 - KH(R)25B

Designation: K0.M510A/2CA-B

Number of contacts: "2" 2 auxiliary contacts

Operation of contacts: "C" 1 auxiliary contact
closed in pos. 1 and 1 auxiliary contact closed in
pos. 0 (NO/NC)

Type of version: "A" 1. auxiliary contact module

Type of mounting: "-B" for type of mounting VE,
VE2, silver contacts

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Nominal Voltage

Tension (V) AC / DC
500 AC
690 AC

Courant ininterrompu et thermique conventionnel lu/lth

Intensité (A)	Température Ambiante (°)	Température Maxi (°)	Spécification complémentaire
10	55	60	Température ambiante +55°C durant 24 heures avec point à +60°C
16	55	60	Température ambiante +55°C durant 24 heures avec point à +60°C

Courant assigné d'emploi le

Catégorie d'emploi	Tension (V)	Intensité (A)
AC-15	110 - 240	2,50
AC-15	380 - 440	1,50
AC-15	500	1
AC-21A	500	10

UL60947-4-1, UL508

Nominal Voltage

Tension (V) AC / DC
600 AC

Tension assignée d'isolement Ui

Tension (V) AC / DC
600 AC

Rated thermal current

Intensité (A)	Température Ambiante (°)	Additional Text
10	0 - 40	--

Pilot duty rating code

Duty Code
A600

General Use

AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	600	10	1	1	1

GENERAL TECHNICAL INFORMATION

Size of conductor

composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	0,5mm ²	Copper
solid wire	Min.	2	0,5mm ²	Copper
flexible wire	Min.	1	0,75mm ²	Copper
flexible wire	Min.	2	0,75mm ²	Copper
flexible wire	Max.	2	AWG 16	Copper
flexible wire	Max.	2	1,5mm ²	Copper
Single-core or stranded wire	Max.	2	AWG 14	Copper
Single-core or stranded wire	Max.	2	1,5mm ²	Copper
flexible wire with ferrule according to DIN 46228	Max.	2	1mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0,5mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm ²	Copper

Stripping length

Length (mm) --
6

Recommandations concernant le tournevis

Type	Value
Tournevis cruciforme	PH1
Slot screwdriver according to DIN 5264	0,6x3,5

Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
0,60	5

General Information

Text

- Ne jamais lubrifier ou traiter les contacts.
- Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.
- Use copper wire only. Do not coat the wire end with tin.

13	21
14	22