



Sample image

Datasheet

Article number: 70011881

Designation: KG20B.T106/D-A046.KL11V

Description: Switch

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) Intensité (A)

20 - 400

20

Puissance assignée d'emploi

Catégorie d'emploi

Tension (V)

Nb de phases

Nb de pôles

Puissance (kW)

AC-3 220 - 240 3 3 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

Nombre de fusible

Intensité (A)

gG 1 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)

Température Ambiante (°) Additional Text

25

0 - 40

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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 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)

Intensité (A) Text

60 - 75

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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

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)	Température Ambiante (°)		Additional Text			
		25	0 - 40		--			
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)	Intensité (A)		Text		
			75			-- --		
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								
Tightening torque of screws								
			tightening torque (Nm)		tightening torque (lb-in)			
			1,25		11			
Stripping length								
			Length (mm) --					
			9 STRIPPINGLENGTH					
Size of conductor								
composition of conductor		Min. / Max. value	No. of conductor per terminal		Cross section (mm²) or (AWG/kcmil)		Material of the wire	
flexible wire		Max.	1		AWG 10		Copper	
flexible wire		Max.	1		4mm²		Copper	
Single-core or stranded wire		Max.	1		6mm²		Copper	
Single-core or stranded wire		Max.	1		AWG 10		Copper	
flexible wire with sleeve		Max.	1		4mm²		Copper	
Approbations								
Specification						Marking		
EAC								
CE marking								
UK Directives								
CSA C.22.2 No.14								
GB/T14048.3								
Recommandations concernant le tournevis								
Type			Value					
Tournevis cruciforme			PH2					
Slot screwdriver according to DIN 5264			0,8x4					
General Information								
Text								
- EMC Note: This device is suitable for use in environment A and B.								

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.
- 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

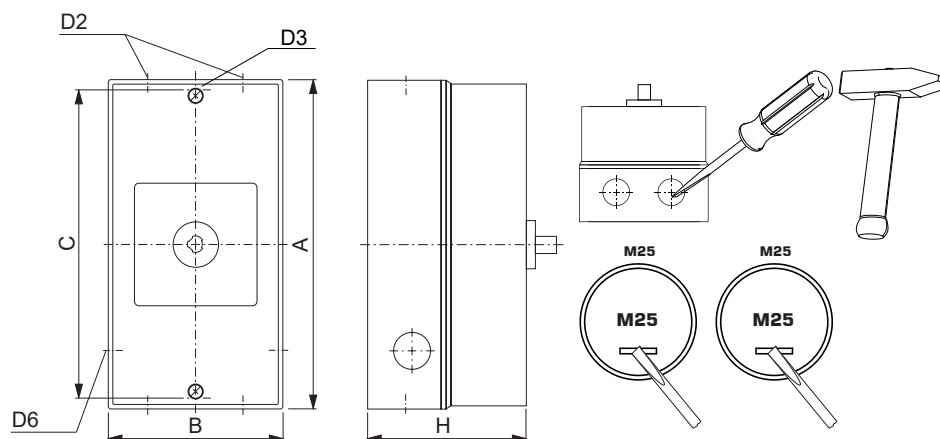
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

Mounting-KL11V

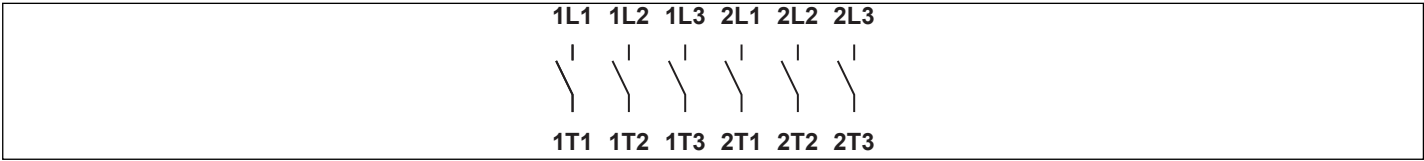


IP - Code front side		IP66, IP67, IP69k
Stages		6,00 - 6,00
A	H	190,00 mm
B	H	100,00 mm
C	H	178,00 mm
D2	Ø	4,00 x M25
D3	Ø	5,60 mm
D6	Ø	2,00 x M25
H	H	93,00 mm



Wiring diagram

KG20B.T306.KL11V



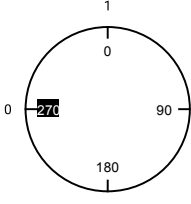
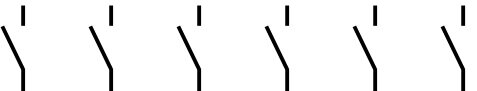
Switch program

KG20B.T306.KL11V



Kraus & Naimer

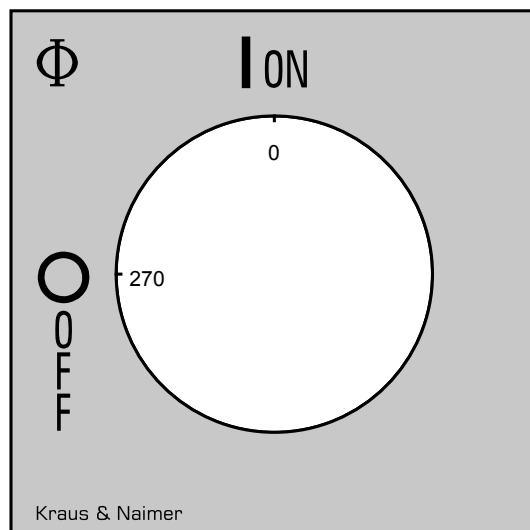
KG20B
T306
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Face Plate		1L1	1L2	1L3	2L1	2L2	2L3		
		1	3	5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		1T1	1T2	1T3	2T1	2T2	2T3		
0	270								
1	0								
	90								
	180								

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					
Tightening torque of screws					
			tightening torque (Nm)		tightening torque (lb-in)
			0,60		5
Stripping length					
			Length (mm) --		
			6 STRIPPINGLENGTH		
Size of conductor					
composition of conductor	Min. / Max. value	No. of conductor per terminal		Cross section (mm²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1		0,5mm²	Copper
solid wire	Min.	2		0,5mm²	Copper
flexible wire	Min.	1		0,75mm²	Copper
flexible wire	Min.	2		0,75mm²	Copper
flexible wire	Max.	2		AWG 16	Copper
flexible wire	Max.	2		1,5mm²	Copper
Single-core or stranded wire	Max.	2		AWG 14	Copper

Size of conductor				
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
Single-core or stranded wire	Max.	2	1,5mm²	Copper
flexible wire with ferrule according to DIN 46228	Max.	2	1mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0,5mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm²	Copper
Recommandations concernant le tournevis				
Type	Value			
Tournevis cruciforme	PH1			
Slot screwdriver according to DIN 5264	0,6x3,5			
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				