



Sample image

Datasheet

Article number: 70018995

Designation: KG20A.T103/04.E

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				Tension (V)		Intensité (A)
AC-32A				20 - 400		20
Puissance assignée d'emploi						
Catégorie d'emploi		Tension (V)		Nb de phases		Nb de pôles
AC-3		220 - 240		3		3
AC-3		380 - 440		3		3
AC-3		660 - 690		3		3
AC-23A		220 - 240		3		3
AC-23A		380 - 440		3		3
AC-23A		660 - 690		3		3
Protection par fusible (IEC)						
Caractéri				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 --				
Horsepower rating						
Across-the-Line Motor Starting		Tension (V)		Nb de phases		Nb de pôles
DOL		110 - 120		1		2
DOL		220 - 240		1		2
DOL		277 - 277		1		2
DOL		415 - 415		1		2
DOL		440 - 480		1		2
DOL		550 - 600		1		2
DOL		110 - 120		3		3
DOL		200 - 240		3		3
DOL		415 - 415		3		3
DOL		440 - 480		3		3
DOL		550 - 600		3		3
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				-- --		
General Use						
AC / DC		Tension (V)		Intensité (A)		Nb de phases
AC		277		25		1
AC		600		25		1
						Nb de pôles
						1
						2
						No. of contacts in series
						1

General Use						
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series	
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
				110 - 120	1	2
DOL				220 - 240	1	2
DOL				277 - 277	1	2
DOL				415 - 415	1	2
DOL				440 - 480	1	2
DOL				550 - 600	1	2
DOL				110 - 120	3	3
DOL				220 - 240	3	3
DOL				415 - 415	3	3
DOL				440 - 480	3	3
DOL				550 - 600	3	3
Power (HP)						
						1
						3
						3
						5
						5
						5
						2
						7,50
						10
						15
						20
Ambient temperature [°C]						
						40
						40
						40
						40
						40
						40
						40
						40
						40
						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)	
flexible wire		Max.	1		AWG 10	
flexible wire		Max.	1		4mm²	
Single-core or stranded wire		Max.	1		6mm²	
Single-core or stranded wire		Max.	1		AWG 10	
flexible wire with sleeve		Max.	1		4mm²	
Material of the wire						
					Copper	
					Copper	
					Copper	
					Copper	
					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

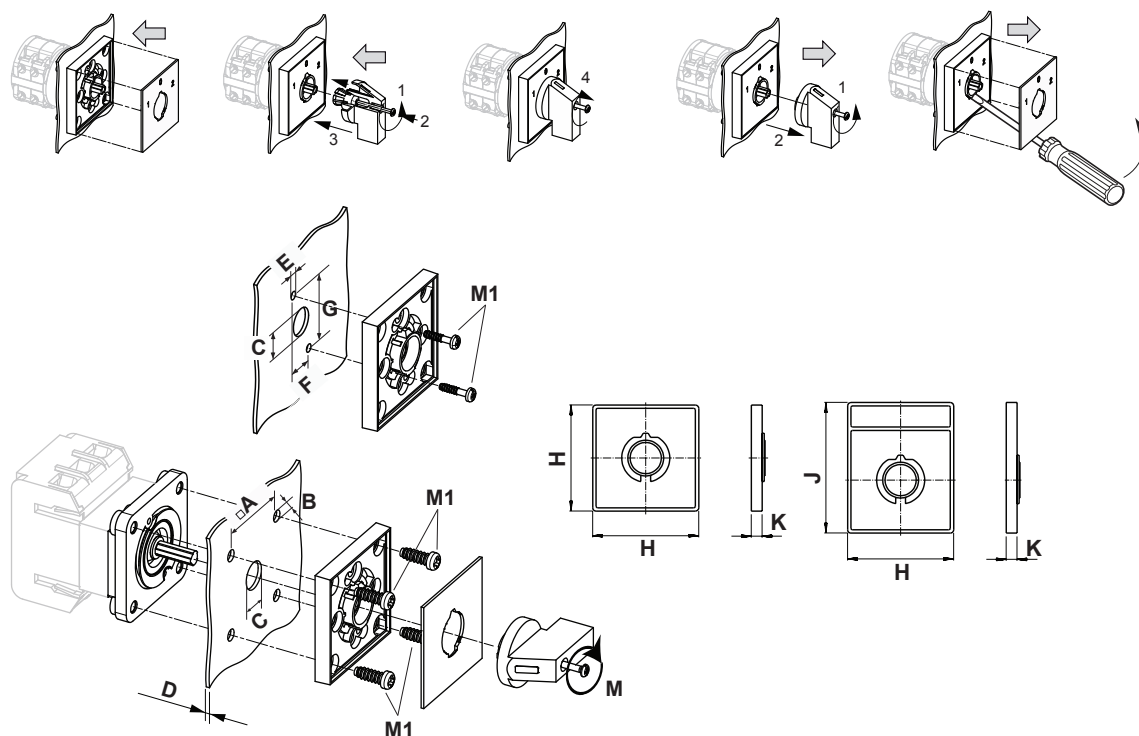
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

Fixation-E



IP - Code front side	IP66, IP67
Stages	1,00 - 12,00
A	□ 36,00 mm
B	∅ 5,00 mm
C	∅ 10,00 - 15,00 mm
D	H ≤ 4,00 mm
E	∅ 3,50 mm
F	H 12,20 mm
G	H 30,00 mm
H	H 48,00 mm
J	H 59,00 mm
K	H 6,30 mm
M	M̄ 0,50 Nm
M1	M̄ 0,90 Nm

Wiring diagram

KG20A.T303.E



Switch program

KG20A.T303.E



Kraus & Naimer

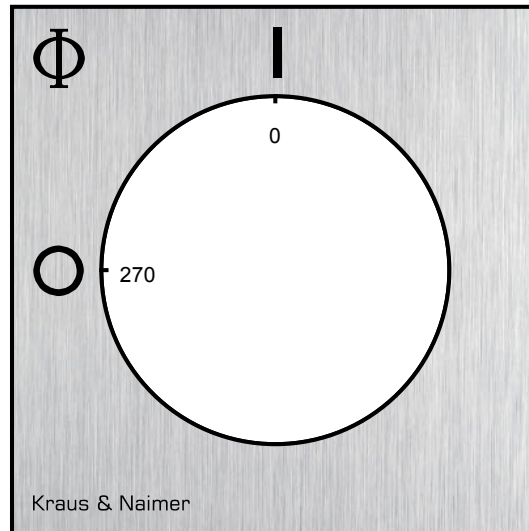
KG20A
T303
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Face Plate									
		L1	L2	L3					
		1	3	5	7	9	11	13	15
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		T1	T2	T3					
0	270								
1	0	■	■	■					
	90								
	180								

Version: 102

Face plate

S0.F456/A10.E1LH



PADLOCK DEVICE

Designation: S0.V845/A11/A12

Face plate and handle unit: "A" face plate/alu, frame/black, handle/black, locking push rod/red

Locking position: "1" at 09:00/03:00 - knockouts every 45°

Angular displacement: "1" 1 x 90°

Type of mounting: "A" for type of mounting E

Type of mounting: "A" for type of mounting GK

Type of version: "1" for same switch size

Switch type: "2" for KA-, KG- and KH(R)-switches

