



Sample image

Datasheet

Article number: 70010984

Designation: KG80.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
80	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	80

Puissance assignée d'emploi

Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (kW)
AC-3	220 - 240	3	3	15
AC-3	380 - 440	3	3	22
AC-3	660 - 690	3	3	18,50
AC-23A	220 - 240	3	3	18,50
AC-23A	380 - 440	3	3	30
AC-23A	660 - 690	3	3	22

Protection par fusible (IEC)

Caractéristique	Nombre de fusible	Intensité (A)
gG	1	80

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
80	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	5	40
DOL	220 - 240	1	2	10	40
DOL	277 - 277	1	2	15	40
DOL	415 - 415	1	2	20	40
DOL	440 - 480	1	2	20	40
DOL	550 - 600	1	2	30	40
DOL	110 - 120	3	3	10	40
DOL	220 - 240	3	3	25	40
DOL	415 - 415	3	3	30	40
DOL	440 - 480	3	3	50	40
DOL	550 - 600	3	3	50	40

SCCR / Max. fuse rating

Conditions of acceptability

These devices are suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses or Circuit Breaker Type SFHA36AT0250, manufactured by General Electric.

Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by Class J fuses, 100A max.

Temp. rating of wire

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

Connecting instructions

Markings

Break all lines.

General Use

AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	277	80	1	1	1

General Use						
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series	
AC	600	80	1	2	1	
AC	600	80	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	
		80	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
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	80	1	1	1	
AC	600	80	1	2	1	
AC	600	80	3	3	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			3		27	
Stripping length						
			Length (mm) --			
			14 STRIPPINGLENGTH			
Size of conductor						
composition of conductor		Min. / Max. value	No. of conductor per terminal		Cross section (mm²) or (AWG/kcmil)	
solid wire		Min.	1		2,5mm²	
flexible wire		Min.	1		4mm²	
flexible wire		Max.	1		35mm²	
flexible wire		Max.	1		AWG 2	
Single-core or stranded wire		Max.	1		AWG 1/0	
Single-core or stranded wire		Max.	1		50mm²	
flexible wire with sleeve		Max.	1		35mm²	
flexible wire with ferrule according to DIN 46228		Min.	1		2,5mm²	
flexible wire with ferrule according to DIN 46228		Min.	1		2,5mm²	
flexible wire with ferrule according to DIN 46228		Min.	1		2,5mm²	
Material of the wire						
solid wire		Min.	1		Copper	
flexible wire		Min.	1		Copper	
flexible wire		Max.	1		Copper	
flexible wire		Max.	1		Copper	
Single-core or stranded wire		Max.	1		Copper	
Single-core or stranded wire		Max.	1		Copper	
flexible wire with sleeve		Max.	1		Copper	
flexible wire with ferrule according to DIN 46228		Min.	1		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			1,2x6,5			
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

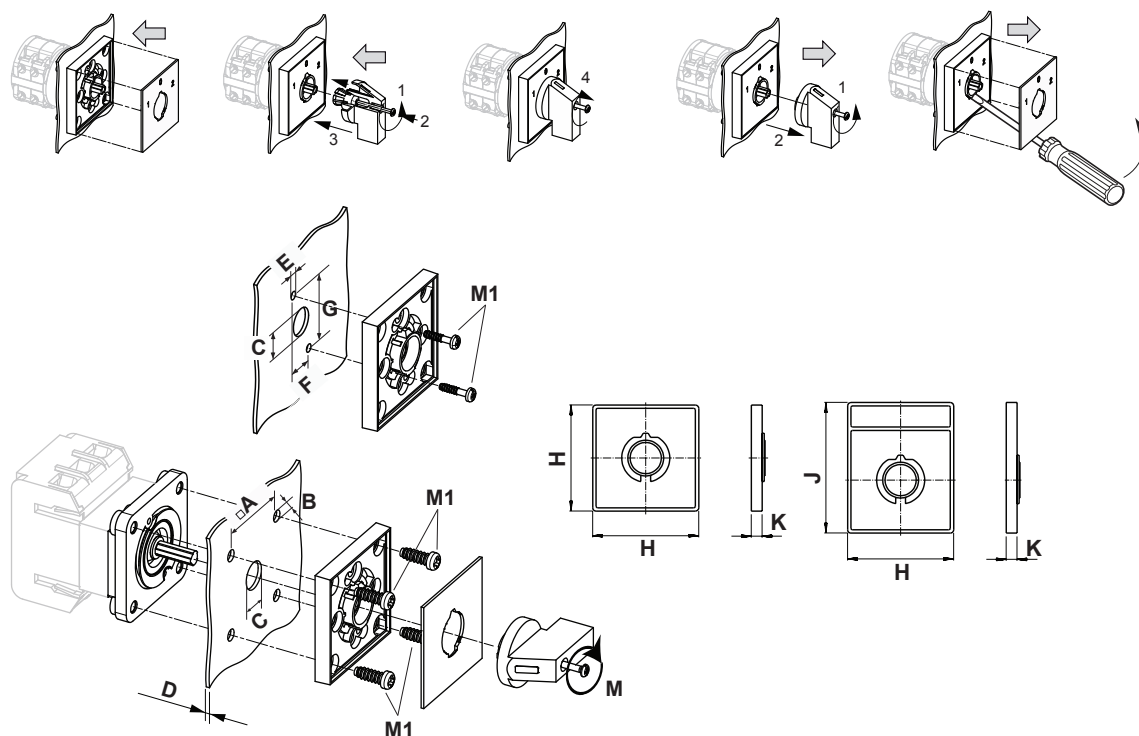
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

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	□	48,00 mm
B	∅	5,00 mm
C	∅	10,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	4,50 mm
F	H	14,00 mm
G	H	37,00 mm
H	H	64,00 mm
J	H	78,50 mm
K	H	7,40 mm
M	⌀	0,70 Nm
M1	⌀	0,90 Nm



Wiring diagram

KG80.T303.E



Switch program

KG80.T303.E



Kraus & Naimer

KG80
T303
Page 1 of 1

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

S1.F456/A10.V45H



PADLOCK DEVICE

Designation: S1.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

