

Sample image

Datasheet

Article number: 70008516

Designation: KG10B.T103/01.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	
20	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-15		220 - 240		6
AC-15		380 - 440		4
Puissance assignée d'emploi				
Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (kW)
AC-3	220 - 240	3	3	2,20
AC-3	380 - 440	3	3	3,70
AC-3	660 - 690	3	3	3,70
AC-3	220 - 240	1	2	1,10
AC-3	380 - 440	1	2	1,50
AC-23A	220 - 240	3	3	3
AC-23A	380 - 440	3	3	5,50
AC-23A	660 - 690	3	3	5,50
AC-23A	220 - 240	1	2	1,50
AC-23A	380 - 440	1	2	2,20
Protection par fusible (IEC)				
Caractéri	Nombre de fusible			Intensité (A)
gG	1			20
UL60947-4-1 , UL508				
Nominal Voltage				
Tension (V) AC / DC				
300 AC				
Tension assignée d'isolement Ui				
Tension (V) AC / DC				
300 AC				
Rated thermal current				
	Intensité (A)	Température Ambiante (*)	Additional Text	
	20	0 - 40	--	
	20	0 - 40	--	
Horsepower rating				
Across-the-Line Motor Starting	Tension (V)	Nb de phases	Nb de pôles	Power (HP)
DOL	110 - 220	1	2	0,50
DOL	220 - 240	1	2	1
DOL	277 - 277	1	2	1
DOL	110 - 120	3	3	1
DOL	220 - 240	3	3	2
Pilot duty rating code				
Duty Code				
A300				
SCCR / Max. fuse rating				
Conditions of acceptability				
These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses.				
Temp. rating of wire				
	Temperature rating (°C)	Intensité (A)	Text	
	60 - 75		-- Use copper wire only	
Connecting instructions				
Markings				
Break all lines.				
For use on a flat surface of a type 1 enclosure.				
General Use				
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles
AC	277	20	1	1
				No. of contacts in series

General Use								
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series			
AC	300	20	1	2	1			
AC	300	20	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					
			300 AC					
Tension assignée d'isolement Ui								
			Tension (V) AC / DC					
			300 AC					
Rated thermal current								
		Intensité (A)	Température Ambiante (°)		Additional Text			
		20	0 - 40		--			
		20	0 - 40		--			
Horsepower rating								
Across-the-Line Motor Starting				Tension (V)	Nb de phases	Nb de pôles	Power (HP)	Ambient temperature [°C]
DOL				110 - 220	1	2	0,50	40
DOL				220 - 240	1	2	1	40
DOL				277 - 277	1	2	1	40
DOL				110 - 120	3	3	1	40
DOL				220 - 240	3	3	2	40
Pilot duty rating code								
Duty Code								
A300								
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	20	1	1	1			
AC	277	20	3	3	1			
GENERAL TECHNICAL INFORMATION								
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.		1		AWG 12		Copper	
flexible wire	Max.		1		2,5mm²		Copper	
Single-core or stranded wire	Max.		1		AWG 12		Copper	
Single-core or stranded wire	Max.		1		2,5mm²		Copper	
flexible wire with ferrule according to DIN 46228	Max.		1		2,5mm²		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	
Stripping length								
			Length (mm) --					
								
			8					
Recommandations concernant le tournevis								
Type			Value					
Tournevis cruciforme			PH1					
Slot screwdriver according to DIN 5264			0,8x4					
Tightening torque of screws								
			tightening torque (Nm)			tightening torque (lb-in)		
			0,60			5		
Approbations								
Specification			Marking					
EAC								
CE marking								
UK Directives								
CSA C.22.2 No.14								
GB/T14048.3								

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.
- Après mise en place des les commutateurs l'espace entre bornes doit être suffisant pour répondre aux exigences des normes en vigueur.

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



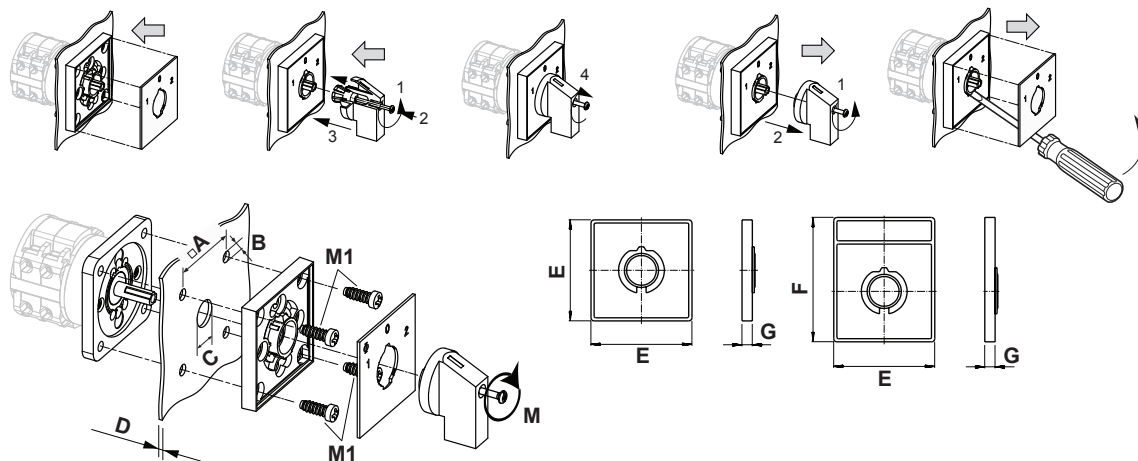
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

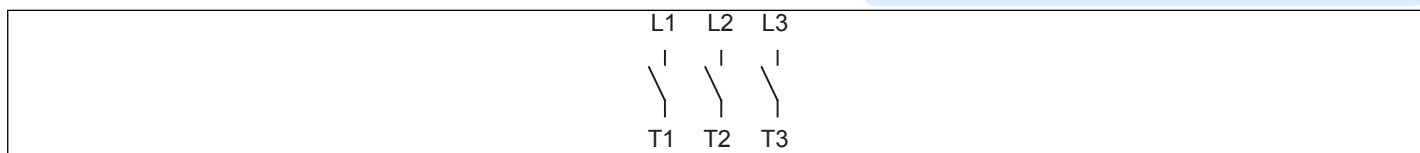
Fixation-E



IP - Code front side		IP66, IP67
Stages		1,00 - 12,00
A	□	48,00 mm
B	∅	5,00 mm
C	∅	11,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	64,00 mm
F	H	78,50 mm
G	H	7,40 mm
M	M̄	0,70 Nm
M1	M̄1	0,90 Nm

Wiring diagram

KG10B.T303.E



Switch program

KG10B.T303.E



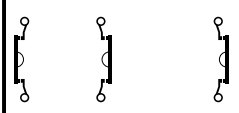
Kraus & Naimer

KG10B	T303E	E	Page 1 of 1
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Face Plate



Marking plate: S0D H043 51A



Switching Angle	90	2	4	6	8	10	12	14	16	18	20	22	24
Total switching Angle	90	L3	L1		L2								

0	270	285	300	315	330	345	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255
1	0																							

Version: 2

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Page 5 of 8

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/A71/A1

Colour of F-handle ring: "A" black

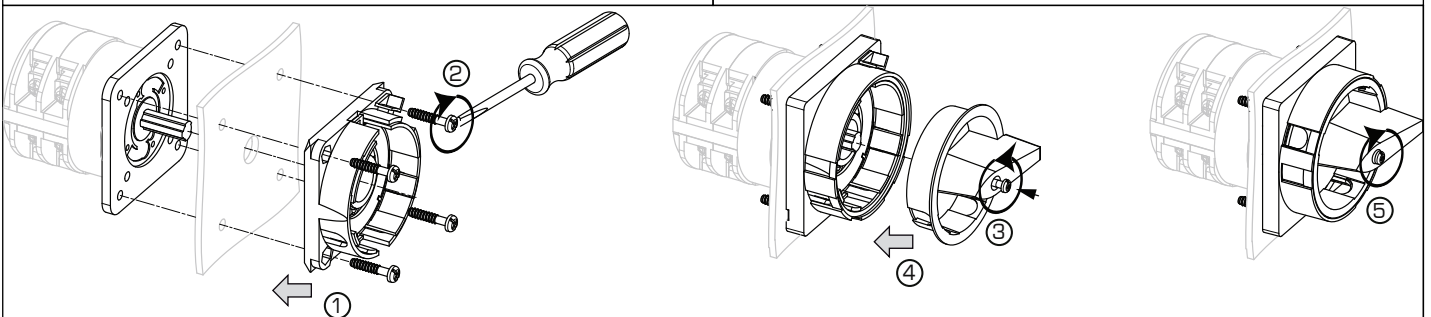
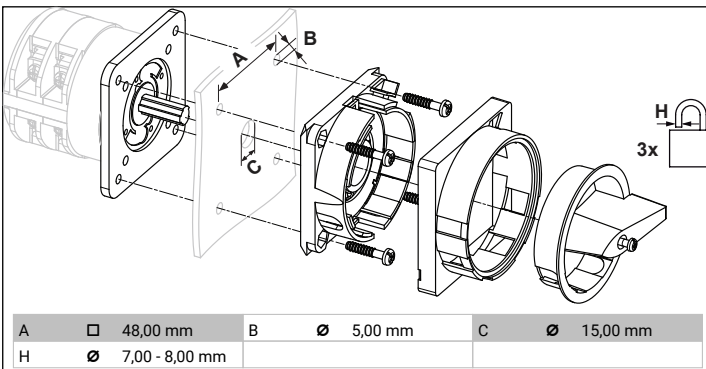
Colour of face ring: "7" electro-grey

Locking position: "1" at 270° (1x90°)

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

Type of mounting: "A" for type of mounting GK (Rose)

Switch type: "1" for C-switches and for KG10.



MOUNTING

1 + 2 The padlock device has to be mounted by four cylinder head screws from the front.

3 Loosen the screw and

4 Push it into the handle onto the shaft

5 Fasten the screw.



1 Loose handle screw

2 remove handle.

3 Insert a proper auxiliary tool at those points of the frame of the device which are marked by a screw driver on the drawing and remove the frame.

4 Fixing screws can be loosen now.