

Sample image

Datasheet

Article number: 70008229

Designation: KG10B.T203/01.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)	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						
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	No. of contacts in series	
AC	277	20	1	1	1	

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



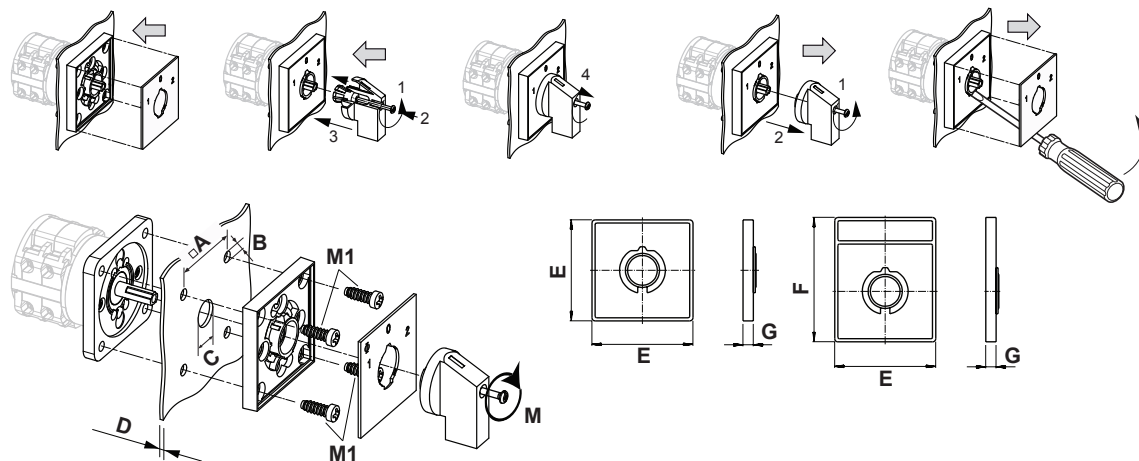
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

Fixation-E

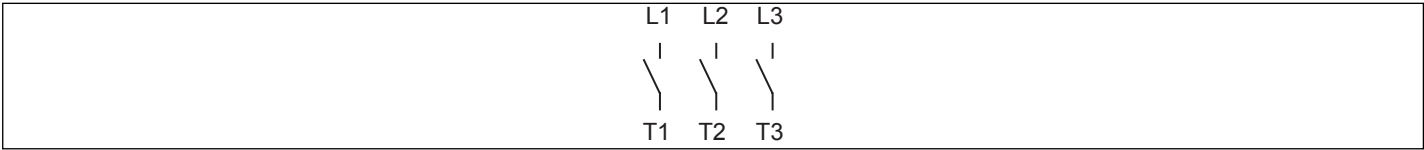


IP - Code front side	IP66, IP67
Stages	1,00 - 12,00
A	□ 48,00 mm
B	∅ 5,00 mm
C	∅ 11,00 - 15,00 mm
D	H ≤ 4,00 mm
E	∅ 64,00 mm
F	H 78,50 mm
G	H 7,40 mm
M	M̄ 0,70 Nm
M1	M̄ 0,90 Nm



Wiring diagram

KG10B.T303.E



Switch program

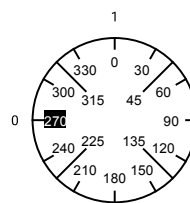
KG10B.T303.E



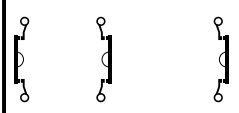
Kraus & Naimer

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

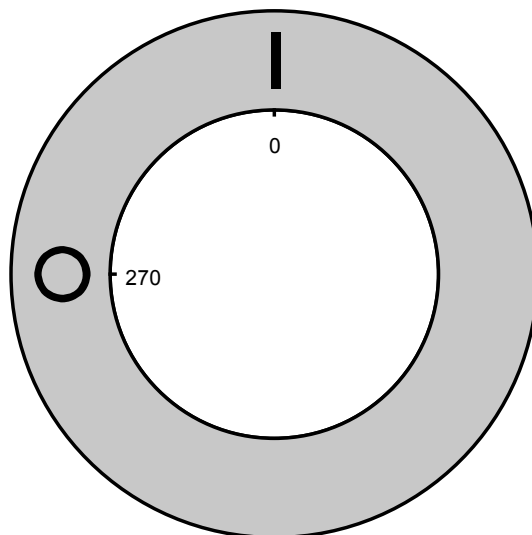
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Page 5 of 8

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/D61/A1

Colour of F-handle ring: "D" red

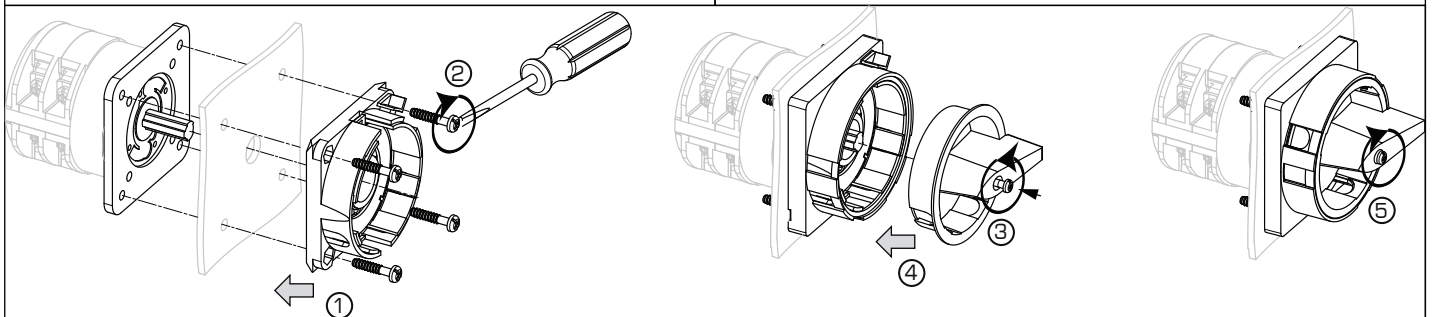
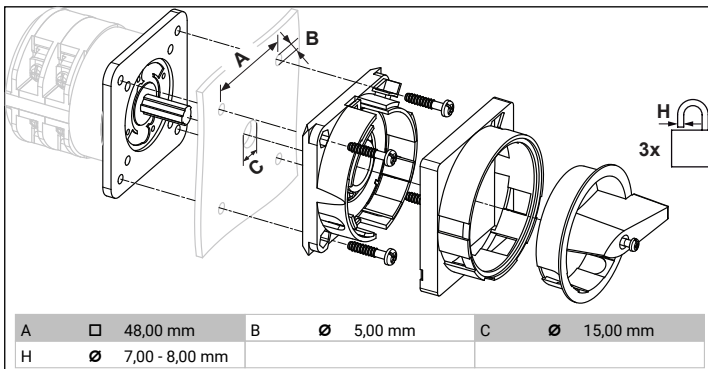
Colour of face ring: "6" yellow

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.



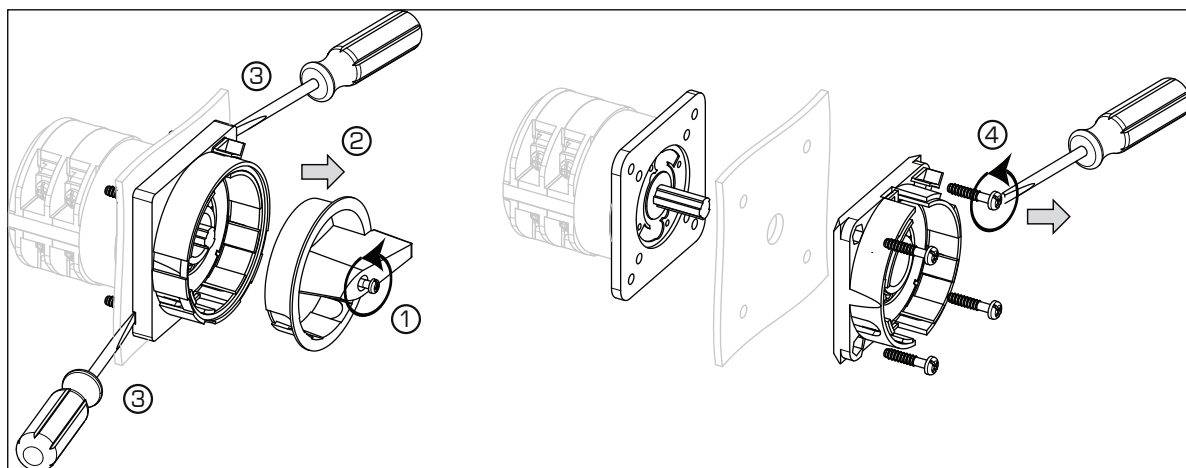
MOUNTING

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.