

Sample image

Datasheet

Article number: 70019403

Designation: KG10B.T104/01.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						
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			0,60		5	
Stripping length						
			Length (mm) --			
			8 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.		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	
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			PH1			
Slot screwdriver according to DIN 5264			0,8x4			
General Information						
Text						
- Ne jamais lubrifier ou traiter les contacts.						

General Information

Text

- 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 bor nes 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



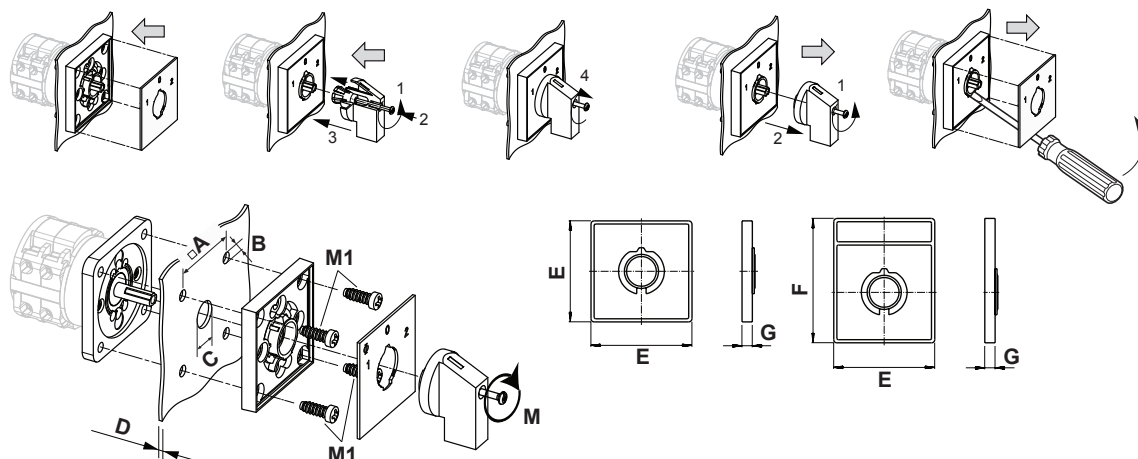
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

Fixation-E

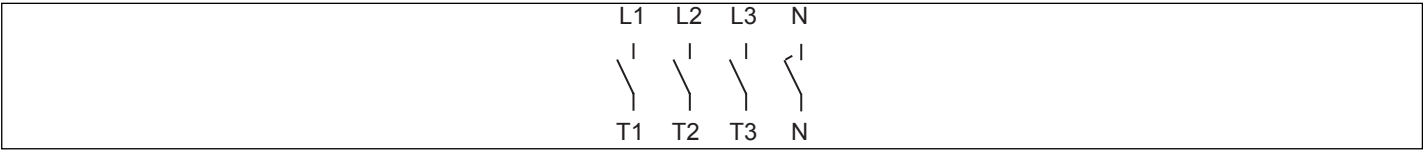


IP - Code front side		IP66, IP67
Stages		1,00 - 12,00
A	□	48,00 mm
B	∅	5,00 mm
C	∅	11,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	64,00 mm
F	H	78,50 mm
G	H	7,40 mm
M	⌀	0,70 Nm
M1	⌀	0,90 Nm



Wiring diagram

KG10B.T304.E



Switch program

KG10B.T304E



Kraus & Naimer

KG10B **T304E** **Page 1 of 1**

Face Plate													
		T3	T1	N	T2								
		1	3	5	7	9	11	13	15	17	19	21	23
		Marking plate: SOD H043 51A 											
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16	18	20	22	24
		L3	L1	N	L2								
0	270												
	285												
	300												
	315												
	330												
	345												
1	0												
	15												
	30												
	45												
	60												
	75												
	90												
	105												
	120												
	135												
	150												
	165												
	180												
	195												
	210												
	225												
	240												
	255												

Version: 2

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 09:00 (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.

