

Sample image

Datasheet

Article number: 70010872

Designation: KG250.T103/05.E

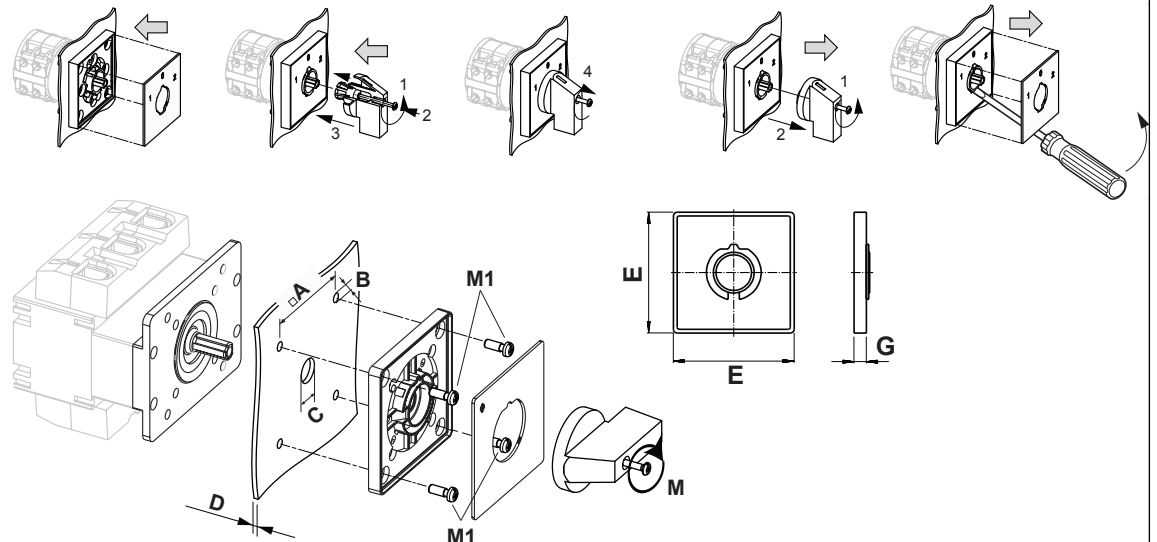
Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Tension assignée d'isolement Ui					
Tension (V) AC / DC					
1000 AC					
Courant Ininterrompu et thermique conventionnel Iu/Ith					
Intensité (A)	Température Ambiante (°)	Température Maxi (°)	Spécification complémentaire		
250	50	55	Température ambiante +50°C durant 24 heures avec point à +55°C		
Puissance assignée d'emploi					
Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (kW)	
AC-3	220 - 240	3	3	37	
AC-3	380 - 440	3	3	55	
AC-3	660 - 690	3	3	40	
AC-23A	220 - 240	3	3	37	
AC-23A	380 - 440	3	3	90	
AC-23A	660 - 690	3	3	45	
Protection par fusible (IEC)					
Caractéri	Nombre de fusible			Intensité (A)	
gG	1			250	
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				
250	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	15	40
DOL	220 - 240	1	2	30	40
DOL	277 - 277	1	2	30	40
DOL	440 - 480	1	2	45	40
DOL	550 - 600	1	2	50	40
DOL	110 - 120	3	3	30	40
DOL	220 - 240	3	3	60	40
DOL	440 - 480	3	3	75	40
DOL	550 - 600	3	3	75	40
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 400A Class J fuses.					
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	250	1	1	1
AC	600	250	1	2	1
AC	600	250	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.					
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		
250		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	15	40
DOL		220 - 240	1	2	30	40
DOL		277 - 277	1	2	30	40
DOL		440 - 480	1	2	45	40
DOL		550 - 600	1	2	50	40
DOL		110 - 120	3	3	30	40
DOL		220 - 240	3	3	60	40
DOL		440 - 480	3	3	75	40
DOL		550 - 600	3	3	75	40
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	250	1	1	1	
AC	600	250	1	2	1	
AC	600	250	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	16mm²		Copper	
flexible wire	Max.	1	MCM 300		Copper	
flexible wire	Max.	1	150mm²		Copper	
flexible wire	Min.	1	25mm²		Copper	
Single-core or stranded wire	Max.	1	185mm²		Copper	
Single-core or stranded wire	Max.	1	MCM 350		Copper	
flexible wire with sleeve	Max.	1	120mm²		Copper	
flexible wire with ferrule according to DIN 46228	Min.	1	16mm²		Copper	
Stripping length						
Length (mm) --						
						
Recommandations concernant le tournevis						
Type	Value					
Clé Allen	6					
Tightening torque of screws						
tightening torque (Nm)			tightening torque (lb-in)			
16			140			
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.						
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

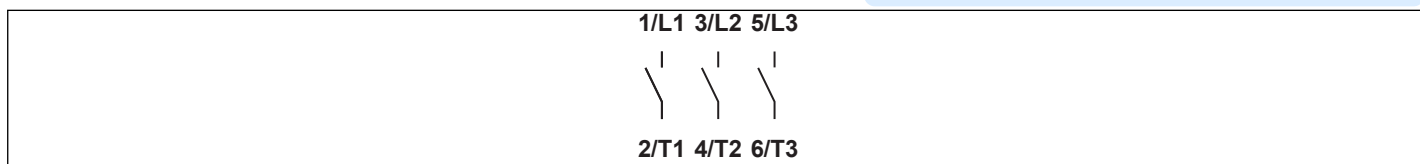
Fixation-E



IP - Code front side		IP66, IP67
Stages		1,00 - 5,00
A	□	68,00 mm
B	∅	6,00 mm
C	∅	13,00 - 17,00 mm
D	H	<= 5,50 mm
E	H	88,00 mm
G	H	8,50 mm
M	M̃	1,20 Nm
M1	M̃	1,50 Nm

Wiring diagram

KG250.T303.E



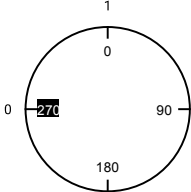
Switch program

KG250.T303.E



Kraus & Naimer

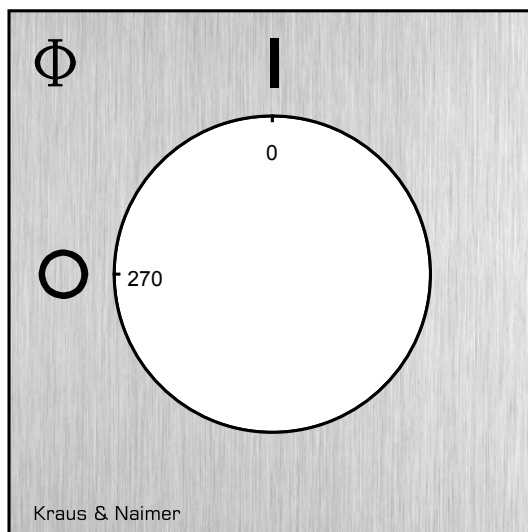
KG250
T303
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Face Plate									
	1	1/L1	3/L2	5/L3					
	0	1	3	5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		2/T1	4/T2	6/T3					
0	270								
1	0	■	■	■					
	90								
	180								

Version: 84

Face plate

S1.F456/A10.M1H



PADLOCK DEVICE

Designation: S2.V845/A11/A12

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

Locking position: "1" at 270°+90° - knockouts every 45°

Angular displacement: "1" 1 x 90°

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

Type of version: "1" for same switch size

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

