



Sample image

Datasheet

Article number: 70019080

Designation: KG160.T104/01.E

Description: Switch Global Disconnector

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		
160	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		160	
Puissance assignée d'emploi					
Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (kW)	
AC-3	220 - 240	3	3	30	
AC-3	380 - 440	3	3	45	
AC-3	660 - 690	3	3	37	
AC-23A	220 - 240	3	3	30	
AC-23A	380 - 440	3	3	55	
AC-23A	660 - 690	3	3	37	
Protection par fusible (IEC)					
Caractéri		Nombre de fusible		Intensité (A)	
gG		1		160	
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		
	200	0 - 40	ON-OFF switch (Valid when connected with wire rated for 75°C)		
	160	0 - 40	Change over switch (Valid when connected with wire rated for 75°C)		
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	10	40
DOL	220 - 240	1	2	25	40
DOL	277 - 277	1	2	25	40
DOL	440 - 480	1	2	40	40
DOL	550 - 600	1	2	40	40
DOL	110 - 120	3	3	20	40
DOL	220 - 240	3	3	40	40
DOL	440 - 480	3	3	75	40
DOL	440 - 480	3	3	75	60
DOL	550 - 600	3	3	60	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 300A 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	200	1	1	1
AC	600	200	1	2	1
AC	600	200	3	3	1
AC double-throw function	277	160	1	1	1
AC double-throw function	600	160	1	2	1

General Use						
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series	
AC double-throw function	600	160	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	
		200	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting			Tension (V)	Nb de phases	Nb de pôles	Power (HP)
DOL			110 - 120	1	2	10
DOL			220 - 240	1	2	25
DOL			277 - 277	1	2	25
DOL			440 - 480	1	2	40
DOL			550 - 600	1	2	40
DOL			110 - 120	3	3	20
DOL			220 - 240	3	3	40
DOL			440 - 480	3	3	75
DOL			550 - 600	3	3	60
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	200	1	1	1	
AC	600	200	1	2	1	
AC	600	200	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)	
solid wire		Min.	1		6mm²	
flexible wire		Max.	1		70mm²	
flexible wire		Min.	1		16mm²	
flexible wire		Max.	1		AWG 2/0	
Single-core or stranded wire		Max.	1		95mm²	
Single-core or stranded wire		Max.	1		AWG 3/0	
flexible wire with sleeve		Max.	1		70mm²	
flexible wire with ferrule according to DIN 46228		Min.	1		10mm²	
Stripping length						
			Length (mm) --			
						
Recommandations concernant le tournevis						
Type			Value			
Clé Allen			5			
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			14		125	
Approbations						
Specification					Marking	
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
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

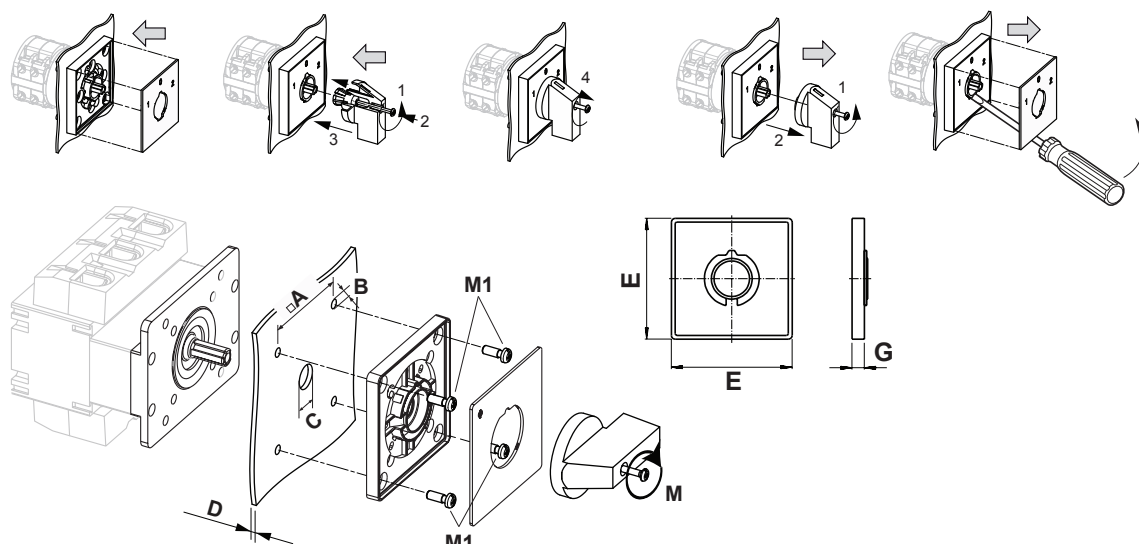
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

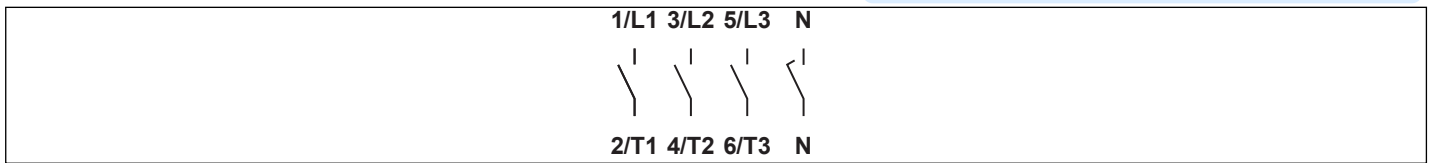
Fixation-E



IP - Code front side	IP66, IP67
Stages	1,00 - 12,00
A	□ 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

KG160.T304.E



Switch program

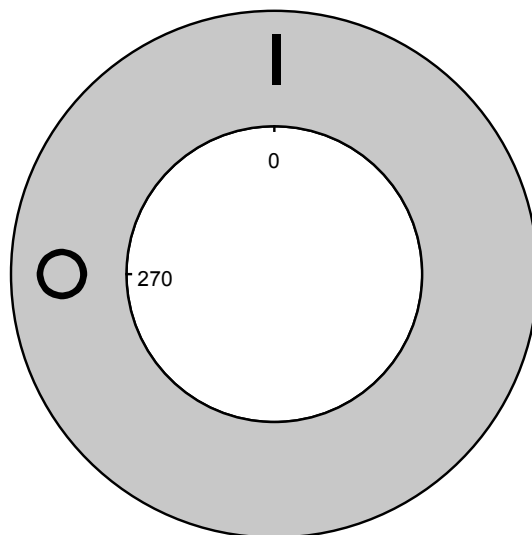
KG160.T304.E

 Kraus & Naimer		KG160		T304		Page 1 of 1			
Face Plate 		1/L1 1	3/L2 3	5/L3 5	N 7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2 2/T1	4 4/T2	6 6/T3	8 N	10	12	14	16
0	270								
1	0								
	90								
	180								

Version: 84

Face plate

S2.F456/C10.V11





Sample image

PADLOCK DEVICE

with F-handle ring for type of mounting E, EF, E22, FT, VE, GK, PN, PF, KS (S00)

Designation: S2.V840D/A7-E

Colour of F-handle ring: "A" black

Colour of face ring: "7" electro-grey

Type of mounting: "-E" for type of mounting E for KG125/KG160, KG250/KG315

