



Sample image

Datasheet

Article number: 70010029

Designation: KG160.T104/04.E

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Märkdraftspänning Ui					
Spänning (V) AC / DC					
1000 AC					
Märkdraftström vid konstant drift					
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav			
160	50	55 Omginingstemperatur +50°C under 24 timmar med toppar upp till +55°C			
Märkdraftström Ie					
Urvals kriterie		Spänning (V)			Ström (A)
AC-32A		20 - 400			160
Märkdrafteffekt					
Urvals kriterie	Spänning (V)	No. of phases		No. of poles	Effekt (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
Max försäkring, IEC					
Säkringskaraktéristik				Antal säkringar	Ström (A)
gG				1	160
UL60947-4-1 , UL508					
Nominal Voltage					
Spänning (V) AC / DC					
600 AC					
Märkdraftspänning Ui					
Spänning (V) AC / DC					
600 AC					
Rated thermal current					
Ström (A)		Omgivningstemperatur (°C)		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		Spänning (V)	No. of phases	No. of poles	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		440 - 480	3	3	75
DOL		550 - 600	3	3	60
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)			Ström (A) Text		
75			-- --		
General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	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	Spänning (V)	Ström (A)	No. of phases	No. of poles	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						
				Spänning (V)	AC / DC	
				600	AC	
Märkdriftspänning Ui						
				Spänning (V)	AC / DC	
				600	AC	
Rated thermal current						
		Ström (A)	Omgivningstemperatur (°C)		Additional Text	
		200	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting				Spänning (V)	No. of phases	Ambient temperature [°C]
				110 - 120	1	40
				220 - 240	1	40
				277 - 277	1	40
				440 - 480	1	40
				550 - 600	1	40
				110 - 120	3	40
				220 - 240	3	40
				440 - 480	3	40
				550 - 600	3	40
Temp. rating of wire						
			Temperature rating (°C)	Ström (A)	Text	
			75	--	--	
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	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)		Material of the wire
solid wire	Min.	1		6mm²		Copper
flexible wire	Max.	1		70mm²		Copper
flexible wire	Min.	1		16mm²		Copper
flexible wire	Max.	1		AWG 2/0		Copper
Single-core or stranded wire	Max.	1		95mm²		Copper
Single-core or stranded wire	Max.	1		AWG 3/0		Copper
flexible wire with sleeve	Max.	1		70mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.	1		10mm²		Copper
Stripping length						
				Length (mm) --		
						
				18		
Rekomenderad skruvmejsel						
Typ av skruvmejsel				Value		
Insex				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

- Smörjning och behandling av kontakterna är förbjuden.
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.
- Alla anslutningsskruvar måste dras med rekommenderat moment, även de som inte används då det kan finnas interna överkopplingar.

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



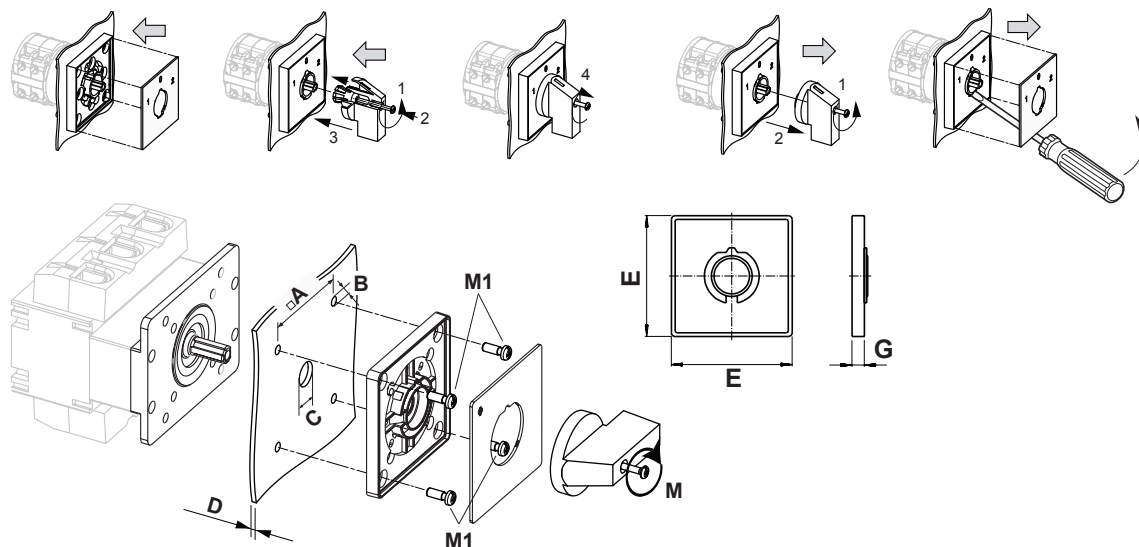
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

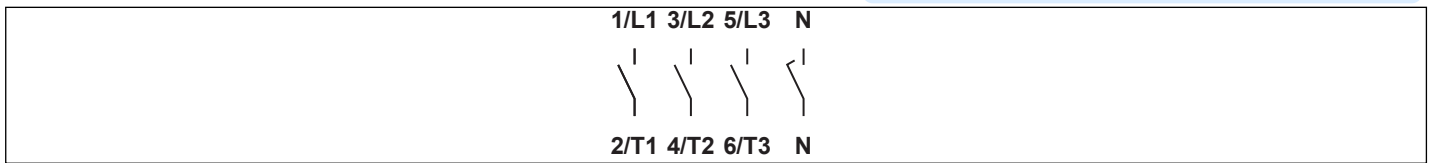
Mounting-E



Skyddsklass frontpanel, IP		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	↺	1,20 Nm
M1	↺	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

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

