



Sample image

Datasheet

Article number: 70010984

Designation: KG80.T103/04.E

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Märkdriftspänning Ui					
Spänning (V) AC / DC					
690 AC					
Märkdriftström vid konstant drift					
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav			
80	50	55 Omginingstemperatur +50°C under 24 timmar med toppar upp till +55°C			
Märkdriftström Ie					
Urvals kriterie		Spänning (V)			Ström (A)
AC-32A		20 - 400			80
Märkdrifteffekt					
Urvals kriterie	Spänning (V)	No. of phases		No. of poles	Effekt (kW)
AC-3	220 - 240	3		3	15
AC-3	380 - 440	3		3	22
AC-3	660 - 690	3		3	18,50
AC-23A	220 - 240	3		3	18,50
AC-23A	380 - 440	3		3	30
AC-23A	660 - 690	3		3	22
Max försäkring, IEC					
Säkringskaraktistik				Antal säkringar	Ström (A)
gG				1	80
UL60947-4-1 , UL508					
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	
80		0 - 40		--	
Horsepower rating					
Across-the-Line Motor Starting	Spänning (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL	110 - 120	1	2	5	40
DOL	220 - 240	1	2	10	40
DOL	277 - 277	1	2	15	40
DOL	415 - 415	1	2	20	40
DOL	440 - 480	1	2	20	40
DOL	550 - 600	1	2	30	40
DOL	110 - 120	3	3	10	40
DOL	220 - 240	3	3	25	40
DOL	415 - 415	3	3	30	40
DOL	440 - 480	3	3	50	40
DOL	550 - 600	3	3	50	40
SCCR / Max. fuse rating					
Conditions of acceptability					
These devices are suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses or Circuit Breaker Type SFHA36AT0250, manufactured by General Electric.					
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by Class J fuses, 100A max.					
Temp. rating of wire					
Temperature rating (°C)		Ström (A) Text			
75		-- --			
Connecting instructions					
Markings					
Break all lines.					
General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	277	80	1	1	

General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	600	80	1	2	1	
AC	600	80	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.						
- När brytaren används som säkerhetsbrytare skall den vara utrustad med vred som är låsbart i läge "0".						
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	
		80	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting			Spänning (V)	No. of phases	No. of poles	Power (HP)
DOL			110 - 120	1	2	5
DOL			220 - 240	1	2	10
DOL			277 - 277	1	2	15
DOL			415 - 415	1	2	20
DOL			440 - 480	1	2	20
DOL			550 - 600	1	2	30
DOL			110 - 120	3	3	10
DOL			220 - 240	3	3	25
DOL			415 - 415	3	3	30
DOL			440 - 480	3	3	50
DOL			550 - 600	3	3	50
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	80	1	1	1	
AC	600	80	1	2	1	
AC	600	80	3	3	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			3		27	
Stripping length						
			Length (mm) --			
			14 STRIPPINGLENGTH			
Size of conductor						
composition of conductor		Min. / Max. value	No. of conductor per terminal		Cross section (mm²) or (AWG/kcmil)	
solid wire		Min.	1		2,5mm²	
flexible wire		Min.	1		4mm²	
flexible wire		Max.	1		35mm²	
flexible wire		Max.	1		AWG 2	
Single-core or stranded wire		Max.	1		AWG 1/0	
Single-core or stranded wire		Max.	1		50mm²	
flexible wire with sleeve		Max.	1		35mm²	
flexible wire with ferrule according to DIN 46228		Min.	1		2,5mm²	
flexible wire with ferrule according to DIN 46228		Min.	1		2,5mm²	
flexible wire with ferrule according to DIN 46228		Min.	1		2,5mm²	
Material of the wire						
solid wire		Min.	1		Copper	
flexible wire		Min.	1		Copper	
flexible wire		Max.	1		Copper	
flexible wire		Max.	1		Copper	
Single-core or stranded wire		Max.	1		Copper	
Single-core or stranded wire		Max.	1		Copper	
flexible wire with sleeve		Max.	1		Copper	
flexible wire with ferrule according to DIN 46228		Min.	1		Copper	
Approbations						
Specification						
Marking						
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Rekomenderad skruvmejsel						
Typ av skruvmejsel			Value			
Stjärnskruvmejsel			PH2			
Slot screwdriver according to DIN 5264			1,2x6,5			
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



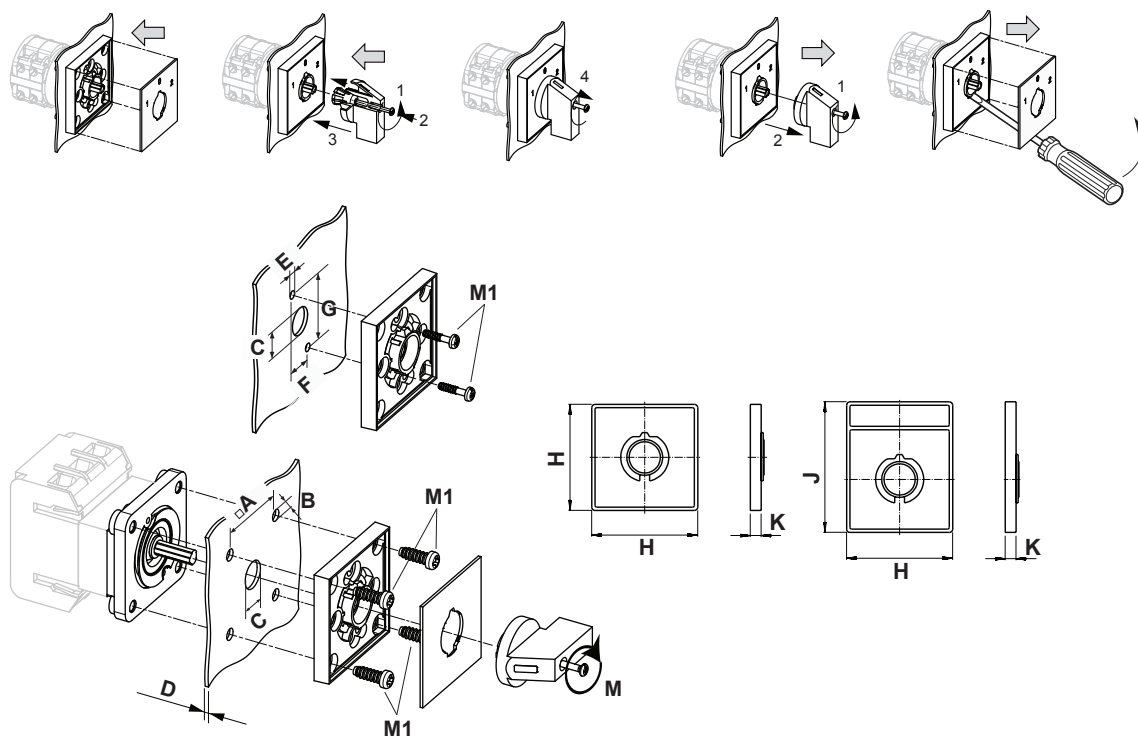
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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	□	48,00 mm
B	∅	5,00 mm
C	∅	10,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	4,50 mm
F	H	14,00 mm
G	H	37,00 mm
H	H	64,00 mm
J	H	78,50 mm
K	H	7,40 mm
M	↺	0,70 Nm
M1	↺	0,90 Nm



Wiring diagram

KG80.T303.E



Switch program

KG80.T303.E



Kraus & Naimer

KG80
T303

Page 1 of 1

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

Version: 102

Face plate

S1.F456/A10.V45H



PADLOCK DEVICE

Designation: S1.V845/A11/A12

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

Locking position: "1" at 09:00/03:00 - knockouts every 45°

Angular displacement: "1" 1 x 90°

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

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

Type of version: "1" for same switch size

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

