



Sample image

Datasheet

Article number: 70019054

Designation: KG100.T104/09.VE

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Märkdraftspänning Ui						
Spänning (V) AC / DC						
690 AC						
Märkdraftström vid konstant drift						
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C)		ytterligare krav		
100	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			100	
Märkdrafteffekt						
Urvals kriterie	Spänning (V)	No. of phases		No. of poles	Effekt (kW)	
AC-3	220 - 240	3		3	18,50	
AC-3	380 - 440	3		3	30	
AC-3	660 - 690	3		3	22	
AC-23A	220 - 240	3		3	22	
AC-23A	380 - 440	3		3	37	
AC-23A	660 - 690	3		3	30	
Max försäkring, IEC						
Säkringskaraktéristik				Antal säkringar		Ström (A)
gG				1		100
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		
100		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	15	40
DOL		277 - 277	1	2	15	40
DOL		415 - 415	1	2	25	40
DOL		440 - 480	1	2	30	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	40	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	100	1	1	1	

General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles		No. of contacts in series
AC	600	100	1	2		1
AC	600	100	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	
		100	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	15
DOL			277 - 277	1	2	15
DOL			415 - 415	1	2	25
DOL			440 - 480	1	2	30
DOL			550 - 600	1	2	30
DOL			110 - 120	3	3	10
DOL			220 - 240	3	3	25
DOL			415 - 415	3	3	40
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	100	1	1		1
AC	600	100	1	2		1
AC	600	100	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	2,5mm²		Copper
flexible wire	Min.		1	4mm²		Copper
flexible wire	Max.		1	35mm²		Copper
flexible wire	Max.		1	AWG 2		Copper
Single-core or stranded wire	Max.		1	AWG 1/0		Copper
Single-core or stranded wire	Max.		1	50mm²		Copper
flexible wire with sleeve	Max.		1	35mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.		1	2,5mm²		Copper
Stripping length						
			Length (mm) --			
						
			14			
Rekomenderad skruvmejsel						
Typ av skruvmejsel			Value			
Stjärnskruvmejsel			PH2			
Slot screwdriver according to DIN 5264			1,2x6,5			
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			3		27	
Approbations						
Specification				Marking		
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						

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



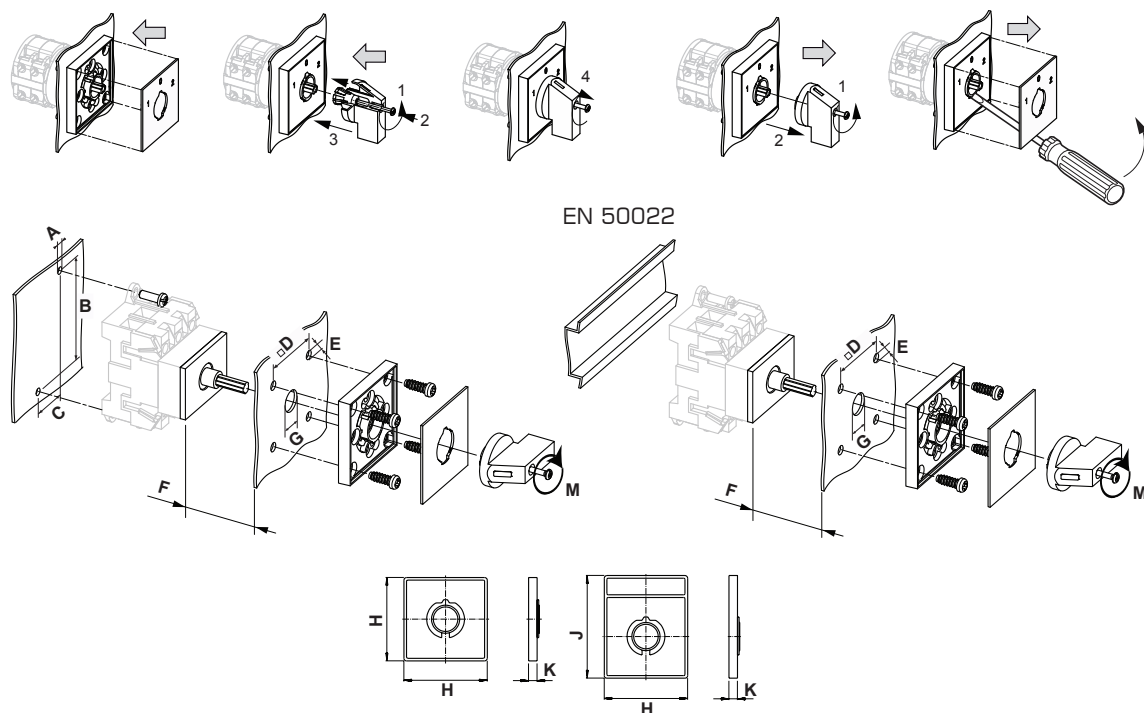
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-VE



Skyddsklass frontpanel, IP		IP40
Stages		1,00 - 5,00
A	Ø	5,20 mm
B	H	90,00 mm
B_tol.	H	± 1,00 mm
C	H	25,00 mm
C_tol.	H	± 0,50 mm
D	□	48,00 mm
E	Ø	5,00 mm
F	H	<= 13,50 mm
G	Ø	10,00 - 15,00 mm
H	H	64,00 mm
J	H	78,00 mm
K	H	7,40 mm
M	M	0,70 Nm



Wiring diagram

KG100.T304.VE



Switch program

KG100.T304.VE

 Kraus & Naimer		KG100 T304 VE Page 1 of 1							
Face Plate									
		L1 1	L2 3	L3 5	N 7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2 T1	4 T2	6 T3	8 N	10	12	14	16
0	270								
1	0								
	90								
	180								

Version: 94

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/A71/B2

Colour of F-handle ring: "A" black

Colour of face ring: "7" electro-grey

Locking position: "1" at 270° (1x90°)

Type of mounting: "B" for type of mounting VE

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



MOUNTING

1 + 2 The padlock device has to be mounted by four cylinder head screws from the front.

3 Loosen the screw and

4 Push it into the handle onto the shaft

5 Fasten the screw.



1 Loose handle screw

2 remove handle.

3 Insert a proper auxiliary tool at those points of the frame of the device which are marked by a screw driver on the drawing and remove the frame.

4 Fixing screws can be loosen now.



Sample image

STANDARD DOOR CLUTCH

with shaft extension/asymmetric profile (with arresting screw)

Designation: S1.M280E/B21S-EF

Type of interlock: "B2" with protected profile and interlock by door clutch

Shaft length: "1" 32 - 57 mm

Application: "S" for type of mounting VE

Type of version: "-EF" splash proof (IP66/67)



A	□	48,00 mm	B	∅	5,00 mm	C	∅	19,00 - 22,00 mm
D	H	4,00 mm						



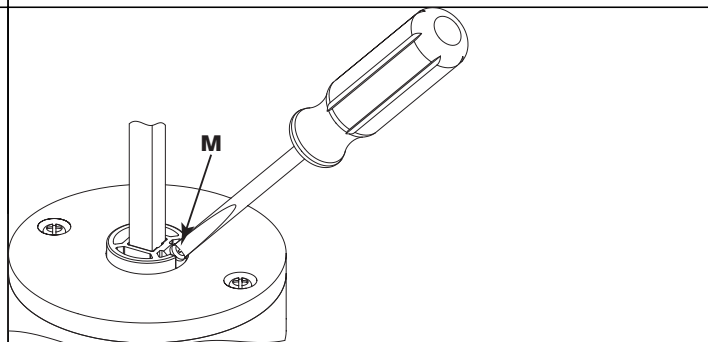
Z H >= 100,00 mm



S2D V840 10

S3D V840 10

If S2 V840D or S2/S3 V845 will be applied with M280D, M280E or M280F, separately delivered parts S2D V840 10 resp. S3D V840 10 are not needed.



M $\vec{M}$ 0,80 Nm

1. Loosen the screw
2. Move shaft
3. Tighten the screw