



Sample image

Datasheet

Article number: 70022095

Designation: KG125.T103/D-A070.STM

Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Märkdriftspänning Ui						
Spänning (V) AC / DC						
1000 AC						
Märkdriftström vid konstant drift						
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav				
125	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		125		
Märkdrifteffekt						
Urvals kriterie	Spänning (V)	No. of phases	No. of poles	Effekt (kW)		
AC-3	220 - 240	3	3	22		
AC-3	380 - 440	3	3	37		
AC-3	660 - 690	3	3	30		
AC-23A	220 - 240	3	3	30		
AC-23A	380 - 440	3	3	45		
AC-23A	660 - 690	3	3	37		
Max försäkring, IEC						
Säkringskaraktéristik			Antal säkringar	Ström (A)		
gG			1	125		
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			
150		0 - 40	ON-OFF switch (Valid when connected with wire rated for 75°C)			
125		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)	Ambient temperature [°C]
DOL		110 - 120	1	2	7,50	40
DOL		220 - 240	1	2	20	40
DOL		277 - 277	1	2	20	40
DOL		440 - 480	1	2	35	40
DOL		550 - 600	1	2	35	40
DOL		110 - 120	3	3	15	40
DOL		220 - 240	3	3	30	40
DOL		440 - 480	3	3	60	40
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)		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	125	1	1	1	
AC	277	150	1	1	1	
AC	600	150	1	2	1	
AC	600	150	3	3	1	
AC double-throw function	600	125	1	2	1	
AC double-throw function	600	125	3	3		

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	
		150	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	7,50	40
DOL		220 - 240	1	2	20	40
DOL		277 - 277	1	2	20	40
DOL		440 - 480	1	2	35	40
DOL		550 - 600	1	2	35	40
DOL		110 - 120	3	3	15	40
DOL		220 - 240	3	3	30	40
DOL		440 - 480	3	3	60	40
DOL		550 - 600	3	3	60	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	150	1	1	1	
AC	600	150	1	2	1	
AC	600	150	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) --			
						
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.						
- 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

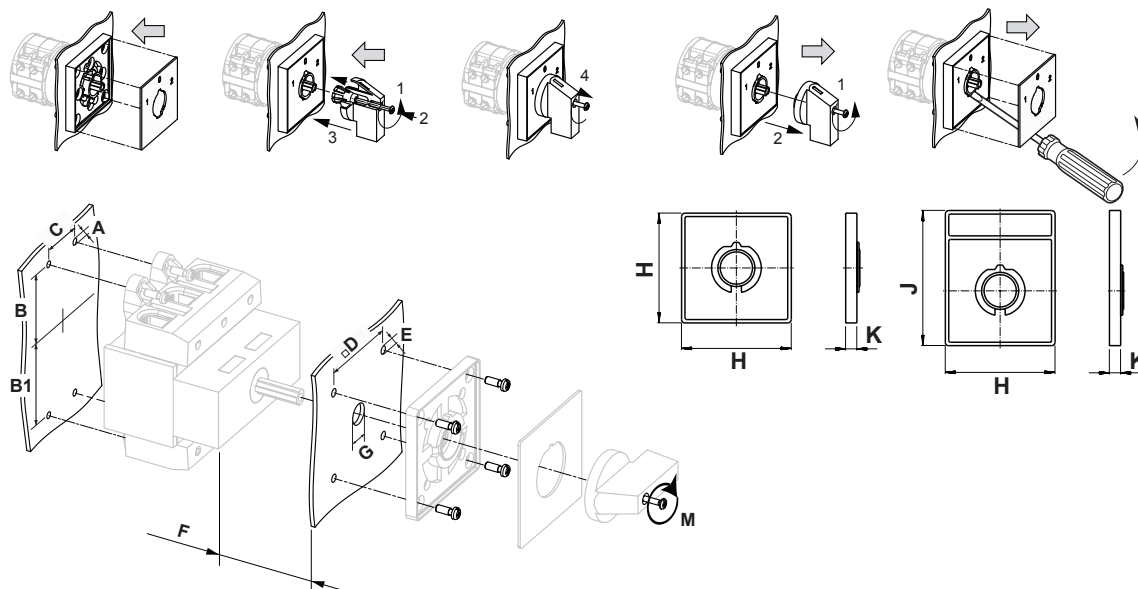
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-VE

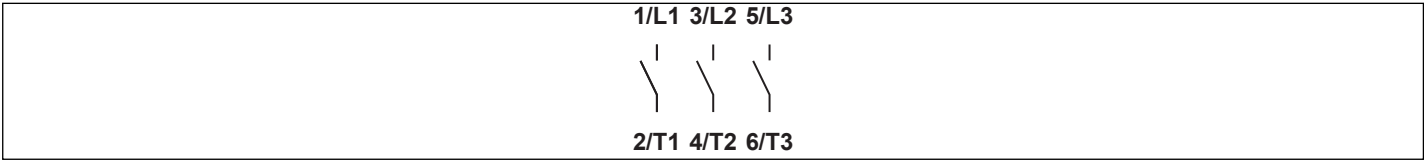


Skyddsklass frontpanel, IP		IP40
Stages		1,00 - 5,00
A	Ø	6,40 mm
B	H	59,00 - 61,00 mm
B1	H	59,00 - 61,00 mm
C	H	36,00 mm
D	□	68,00 mm
E	Ø	6,00 mm
F	H	<= 16,00 mm
G	Ø	13,00 - 17,00 mm
H	H	88,00 mm
J	H	124,00 mm
K	H	8,50 mm
M	⌚	1,20 Nm



Wiring diagram

KG125.T303.VE



Switch program

KG125.T303.VE



Kraus & Naimer

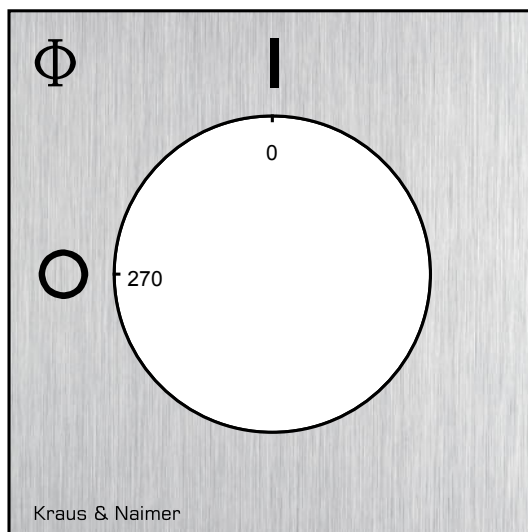
KG125
T303
Page 1 of 1

Face Plate									
	1/L1	3/L2	5/L3						
	1	3	5	7	9	11	13	15	
									
Switching Angle	90	2	4	6	8	10	12	14	16
Total switching Angle	90	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/B12

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

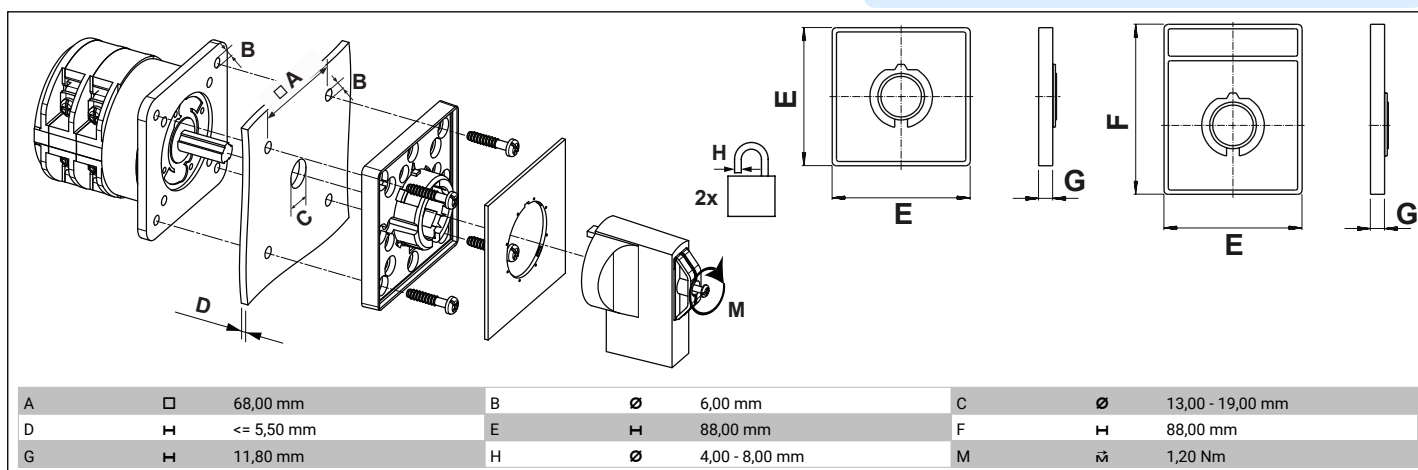
Locking position: "1" at 270°+90° - knockouts every 45°

Angular displacement: "1" 1 x 90°

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

Type of version: "1" for same switch size

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





Sample image

STANDARD DOOR CLUTCH

with shaft extension/asymmetric profile (with arresting screw)

Designation: S2.M280E/B21S-EF

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

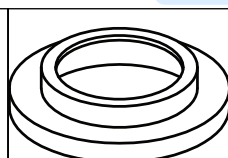
Shaft length: "1" 60 - 90 mm

Application: "S" for type of mounting VE

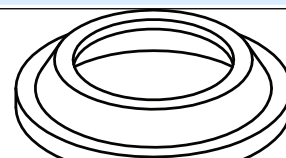
Type of version: "-EF" splash proof (IP66/67)



A	□ 68,00 mm	B	∅ 6,00 mm	C	∅ 26,00 - 30,00 mm
D	H 5,50 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.



Z	H >= 110,00 mm		
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M  0,80 Nm

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



Sample image

AUXILIARY CONTACTS

for KG125-KG317 - ON/OFF Switches

Designation: K3A.M510B/11A-B

Number of NO-contacts: "1" total number of NO/NC-contacts max. 8 contacts

Number of NC-contacts: "1" total number of NC/NO-contacts max. 8 contacts

Version: "A" Standard (silver)

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

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			
16	55	60 Omginingstemperatur +55°C under 24 timmar med toppar upp till +60°C			
Märkdraftström Ie					
Urvals kriterie		Spänning (V)		Ström (A)	
AC-15		110 - 120		6	
AC-15		220 - 240		5	
AC-15		380 - 440		4	
AC-15		500		1,50	
AC-21A		20 - 690		16	
Max försäkring, IEC					
Säkringskaraktistik			Antal säkringar		Ström (A)
gG			1		16
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
		10	0 - 40		--
Pilot duty rating code					
Duty Code					
A600					
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	600	10	1	1	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		0,5mm²	
solid wire	Min.	2		0,5mm²	
flexible wire	Min.	1		0,75mm²	
flexible wire	Min.	2		0,75mm²	
flexible wire	Max.	2		2,5mm²	
flexible wire	Max.	2		AWG 14	
Single-core or stranded wire	Max.	2		AWG 12	
Single-core or stranded wire	Max.	2		2,5mm²	
flexible wire with ferrule according to DIN 46228	Max.	2		2,5mm²	
flexible wire with ferrule according to DIN 46228	Min.	1		0,5mm²	
flexible wire with ferrule according to DIN 46228	Min.	2		0,5mm²	
Stripping length					
Length (mm) --					
					
Rekomenderad skruvmejsel					
Typ av skruvmejsel		Value			
Slot screwdriver according to DIN 5264		0,8x4			

Rekomenderad skruvmejsel		
Typ av skruvmejsel		Value
Stjärnskruvmejsel		PH1
Tightening torque of screws		
tightening torque (Nm)		tightening torque (lb-in)
0,60		5
Approbations		
Specification		Marking
		
EAC		
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.		
13 21  14 22		