



Sample image

Datasheet

Article number: 70017532

Designation: KG125.T206/88.STM

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Rated insulation voltage Ui					
			Voltage (V) AC / DC		
			1000 50/60Hz		
Rated uninterrupted current Iu/Ith					
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements		
125	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C		
Rated operational current Ie					
Utilization category		Voltage (V)		Current (A)	
AC-32A		20 - 400		125	
Rated operational power					
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (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. Fuse rating IEC					
Fuse characteristic		No. of Fuses		Current (A)	
gG		1		125	
UL60947-4-1 , UL508					
Nominal Voltage					
			Voltage (V) AC / DC		
			600 AC		
Rated insulation voltage Ui					
			Voltage (V) AC / DC		
			600 AC		
Rated thermal current					
	Current (A)	Ambient temperature (°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	Voltage (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)	Current (A)	Text		
	75	--	--		
General Use					
AC / DC	Voltage (V)	Current (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	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						
			Voltage (V) AC / DC			
			600 AC			
Rated insulation voltage Ui						
			Voltage (V) AC / DC			
			600 AC			
Rated thermal current						
		Current (A)	Ambient temperature (°C)		Additional Text	
		150	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting		Voltage (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)	Current (A)		Text	
		75	--		--	
General Use						
AC / DC	Voltage (V)	Current (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) --		
						
Recommended screw driver						
Type of screw driver		Value				
Hex key		5				
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			14		125	
Approbations						
Specification					Marking	
CE marking						
UK Directives						
UL 60947-4-1; CSA C22.2 No. 60947-4-1						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
Text						
- Alleen koperleidingen met of zonder vertinde/verzilverde draden (per draad) gebruiken. Het nadien vertinnen van de uiteinden is niet toegestaan.						
- EMC Note: This device is suitable for use in environment A and B.						
- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.						
- After wiring, ALL terminal screws must be tightened to the specified torque values.						

General Information

Text

- Het gebruik van een extra apparaat kan de beschermingsklasse van de gekozen bouwvorm beïnvloeden.
- Do not lubricate or treat contacts.
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.

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

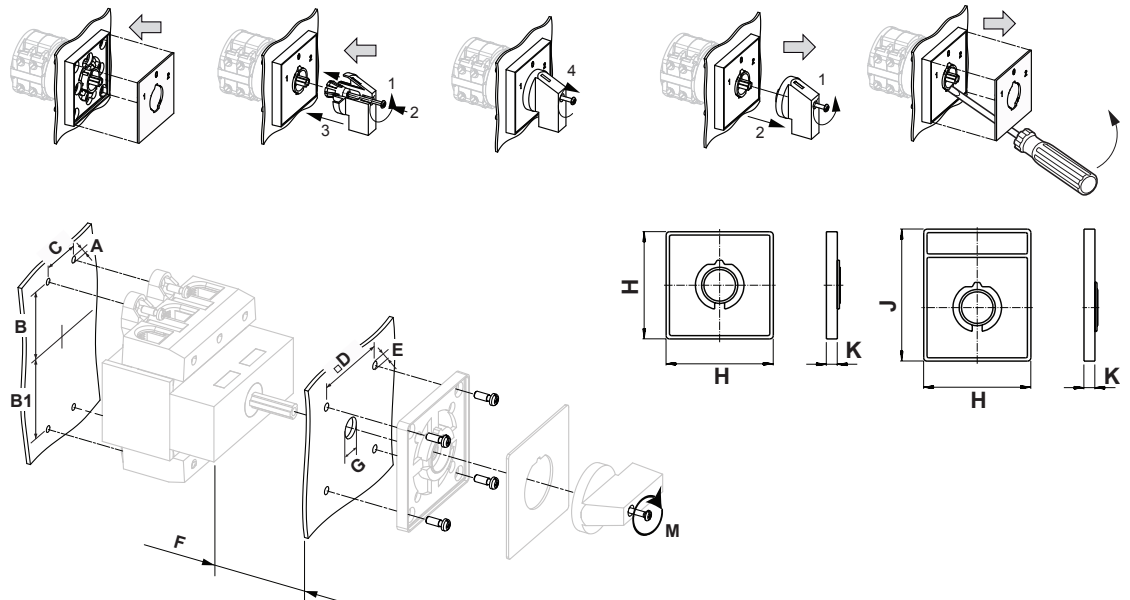
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-VE



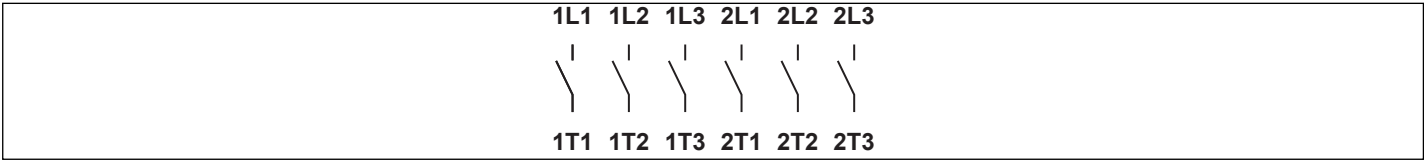
IP - Code front side	IP40
Stages	6,00 - 12,00
A	Ø 6,40 mm
B	H 59,00 - 61,00 mm
B1	H 59,00 - 61,00 mm
C	H 76,00 mm
D	□ 68,00 mm
E	Ø 6,00 mm
F	H ≤ 16,00 mm
G	Ø 13,00 - 17,00 mm
H	H 88,00 mm
J	H 124,00 mm
K	H 8,50 mm
M	↻ 1,20 Nm

De voorste montageplaten moeten worden gemonteerd met M5 x 25mm cilinderkopschroeven of ovale kopschroeven, ringen en moeren.
Houd er rekening mee dat deze componenten niet bij de levering zijn inbegrepen.



Wiring diagram

KG125.T306.VE



Switch program

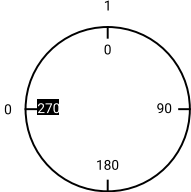
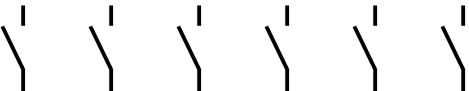
KG125.T306.VE

 Kraus & Naimer

KG125

T306

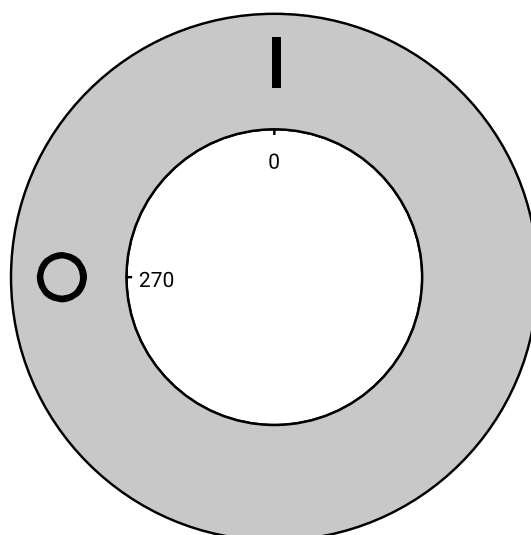
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Face Plate								
		1L1	1L2	1L3	2L1	2L2	2L3	
		1	3	5	7	9	11	13
								
Switching Angle 90		2	4	6	8	10	12	14
Total switching Angle 90		1T1	1T2	1T3	2T1	2T2	2T3	16
0	270							
1	0							
	90							
	180							

Version: 117

Face plate

S2.F456/C10.V11





Sample image

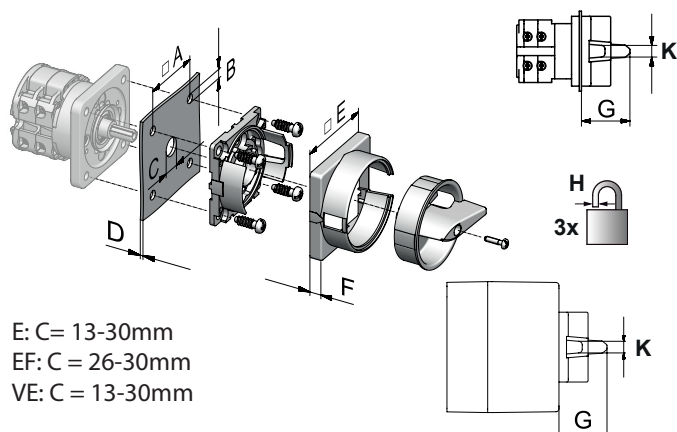
PADLOCK DEVICE

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

Designation: S2.V840D/D6

Color of F-handle ring: "D" red

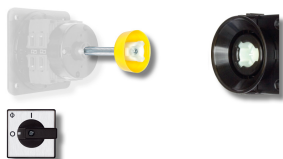
Color of face ring: "6" yellow



S2D.V840.10

Indien toegepast met M280D, M280E of M280F, is het onderdeel S2D.V840.10 niet nodig.

A	□	68,00 mm	B	H	6,00 mm	D	H	5,50 mm
E	□	88,00 mm	F	H	9,00 mm	G	H	48,50 mm
H	∅	7,00 - 8,50 mm	K	H	10,00 mm			



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

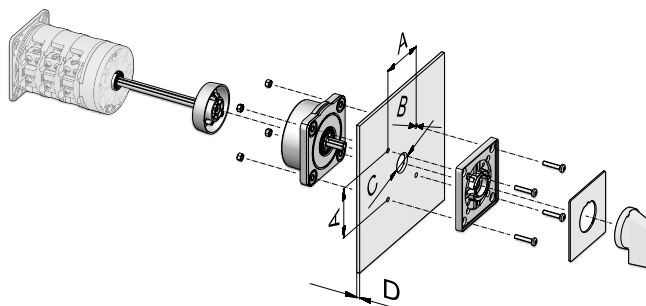
Type of version: "-EF" splash proof (IP66/67)



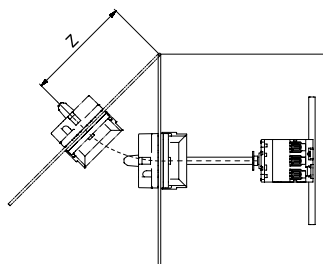
YouTube



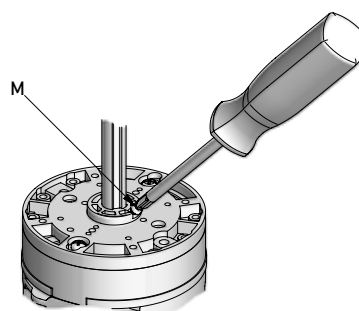
youtube.com
/watch?v=9AmLH1rVVdo



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

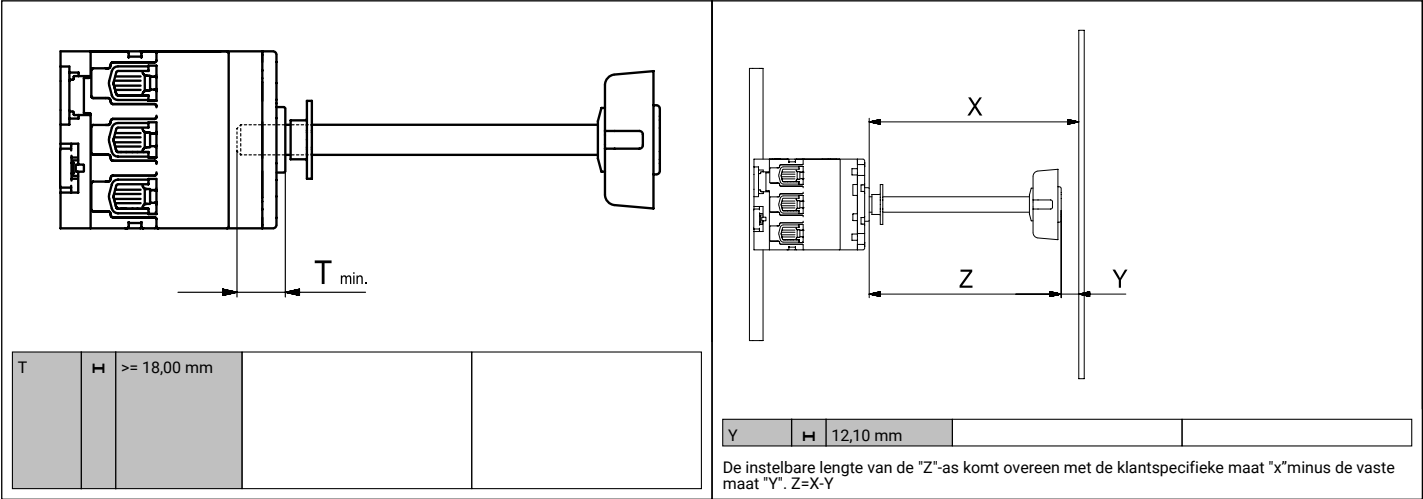


Z	H	>= 110,00 mm		
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M	M	0,80 Nm		
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1. Loosen the screw
2. Move shaft
3. Tighten the screw





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					
Rated insulation voltage Ui					
			Voltage (V) AC / DC		
			690 50/60Hz		
Rated uninterrupted current Iu/Ith					
Current (A)		Ambient temperature (°C)		Peak temperature (°C) additional requirements	
16		55		60 Ambient temperature +55°C during 24 hours with peaks up to +60°C	
Rated operational current Ie					
Utilization category			Voltage (V)		Current (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. Fuse rating IEC					
Fuse characteristic			No. of Fuses		Current (A)
gG			1		16
UL60947-4-1 , UL508					
Nominal Voltage					
			Voltage (V) AC / DC		
			600 AC		
Rated insulation voltage Ui					
			Voltage (V) AC / DC		
			600 AC		
Rated thermal current					
		Current (A)	Ambient temperature (°C)		Additional Text
		10	0 - 40		–
Pilot duty rating code					
Duty Code					
A600					
Temp. rating of wire					
		Temperature rating (°C)	Current (A)		Text
		75	--		--
General Use					
AC / DC	Voltage (V)	Current (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)	Material of the wire
Solid wire	Min.		1	0.5mm²	Copper
Solid wire	Min.		2	0.5mm²	Copper
Flexible wire	Min.		1	0.75mm²	Copper
Flexible wire	Min.		2	0.75mm²	Copper
Flexible wire	Max.		2	2.5mm²	Copper
Flexible wire	Max.		2	AWG 14	Copper
Single-core or stranded wire	Max.		2	AWG 12	Copper
Single-core or stranded wire	Max.		2	2.5mm²	Copper
Flexible wire with ferrule according to DIN 46228	Min.		1	0.5mm²	Copper
Flexible wire with ferrule according to DIN 46228	Max.		2	2.5mm²	Copper
Flexible wire with ferrule according to DIN 46228	Min.		2	0.5mm²	Copper
Stripping length					
					Length (mm) –
					8
Recommended screw driver					
Type of screw driver			Value		
Slot screwdriver according to DIN 5264			0,8x4		

Recommended screw driver	
Type of screw driver	Value
Cross Screwdriver	PH1
Tightening torque of screws	
	tightening torque (Nm)
	0,60
tightening torque (lb-in)	
5	
General Information	
Text	
- Alleen koperleidingen met of zonder vertinde/verzilverde draden (per draad) gebruiken. Het nadien vertinnen van de uiteinden is niet toegestaan. - Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated. - After wiring, ALL terminal screws must be tightened to the specified torque values. - Do not lubricate or treat contacts. - Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.	
13 21	
14 22	