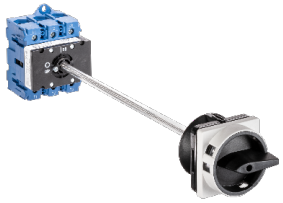
Kraus & Naimer



Sample image

Datasheet

Article number: 70010019
Designation: KG100.T103/09.VE
Description: Switch Global Disconnector

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*
100	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	100

Märkdrifteffekt

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

Säkringskarakteristik	*Antal säkringar*	*Ström (A)*
gG	1	100

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*
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
AC	600	100	1	2	1
AC	600	100	3	3	1

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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)*	*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

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*
Stjärskruvmejsel	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.

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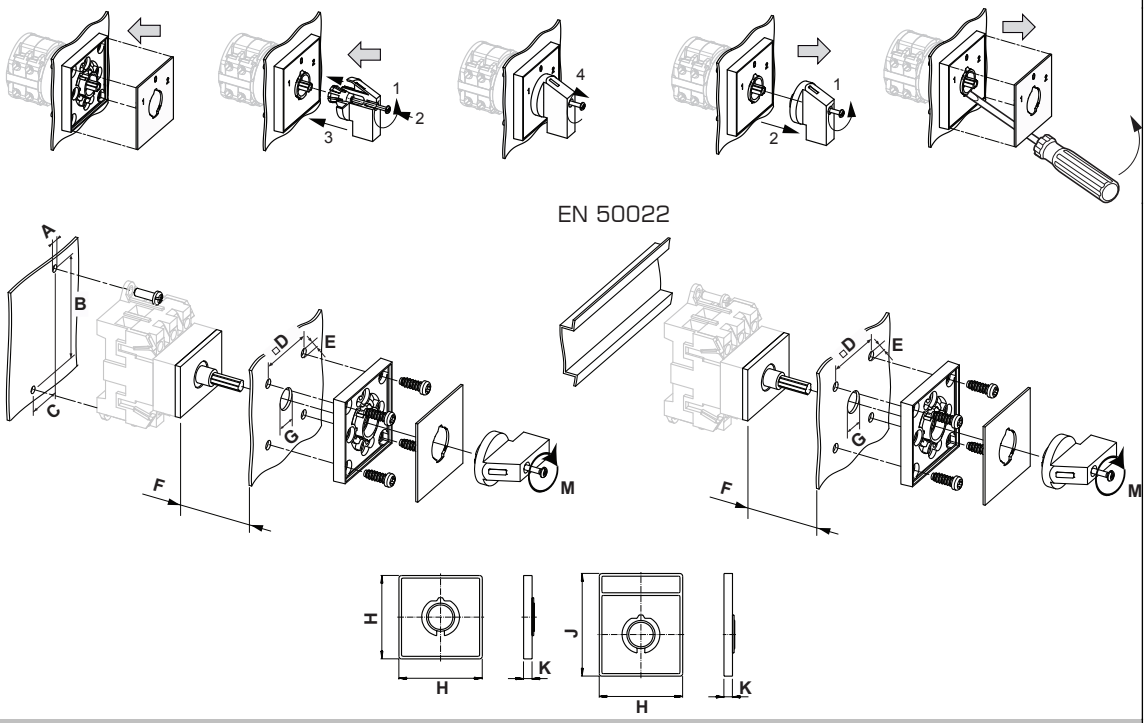
General Information	
Text	
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.	
- Använd endast kopparkabel. Kabeln får inte förtennas.	
- Alla anslutningsskruvar måste dras med rekommenderat moment, även de som som inte används då det kan 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	↔	90,00 mm
B-_tol.	↔	± 1,00 mm
C	↔	25,00 mm
C-_tol.	↔	± 0,50 mm
D	□	48,00 mm
E	Ø	5,00 mm
F	↔	<= 13,50 mm
G	Ø	10,00 - 15,00 mm
H	↔	64,00 mm
J	↔	78,00 mm
K	↔	7,40 mm
M	↻	0,70 Nm

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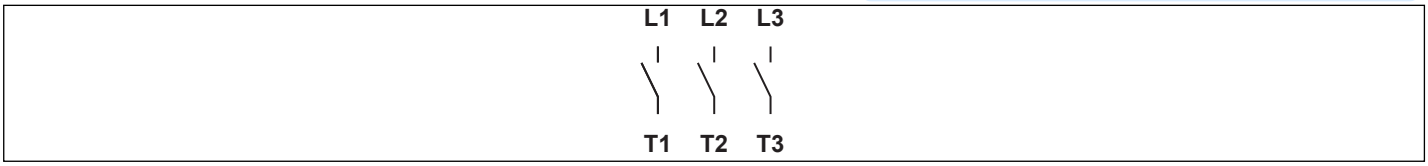
Wiring diagram

KG100.T303.VE



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Switch program

KG100.T303.VE

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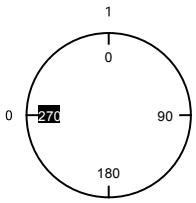
KG100	T303	VE	Page 1 of 1

Face Plate



Switching Angle 90
Total switching Angle 90

		L1	L2	L3					
		1	3	5	7	9	11	13	15
		2	4	6	8	10	12	14	16
		T1	T2	T3					
0	270								
1	0	■	■	■					
	90								
	180								

Version: 102

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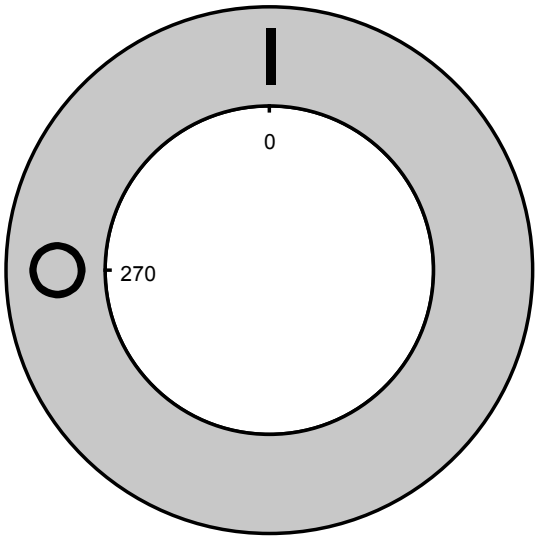
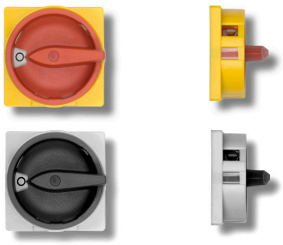
Face plate

S1.F456/C10.V11H



Kraus & Naimer

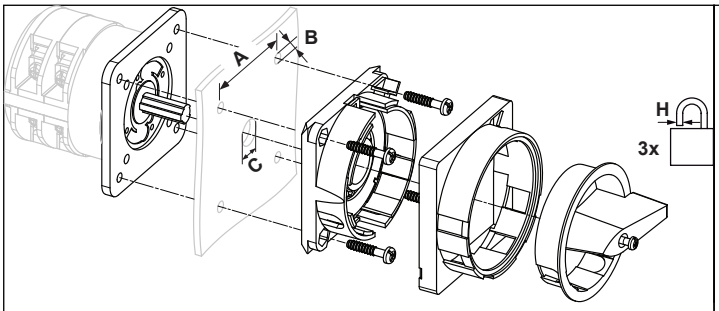


Sample image

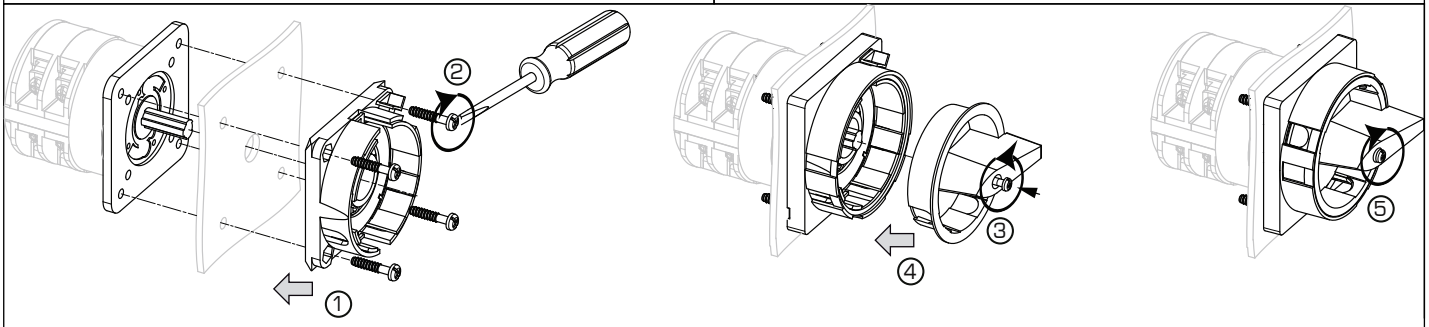
PADLOCK DEVICE

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



A	□	48,00 mm	B	⌀	5,00 mm	C	⌀ 15,00 mm
H	⌀	7,00 - 8,00 mm					



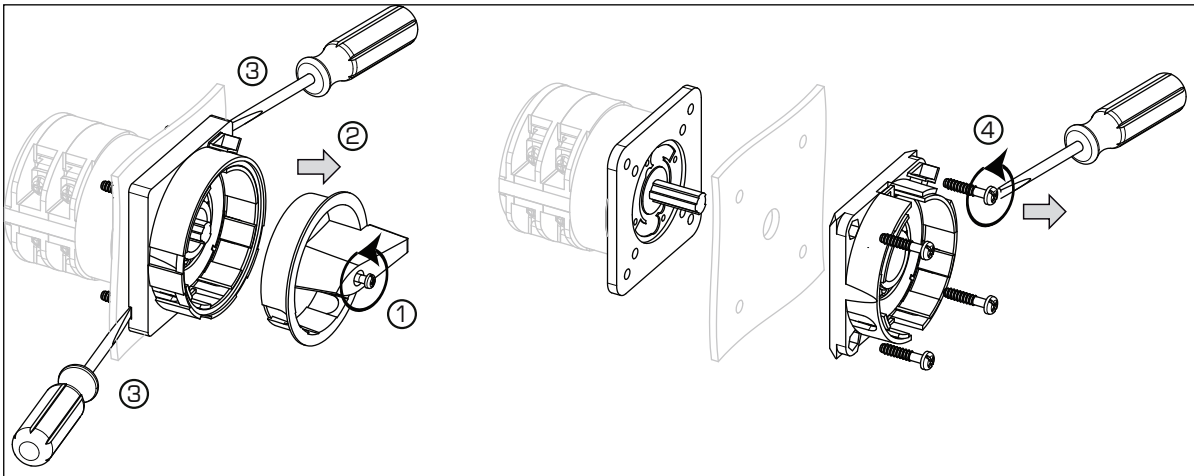
MOUNTING

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 srew driver on the drawing and remove the frame.

4 Fixing screws can be loosen now.

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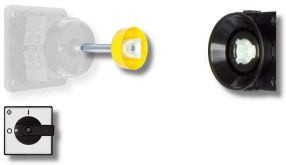
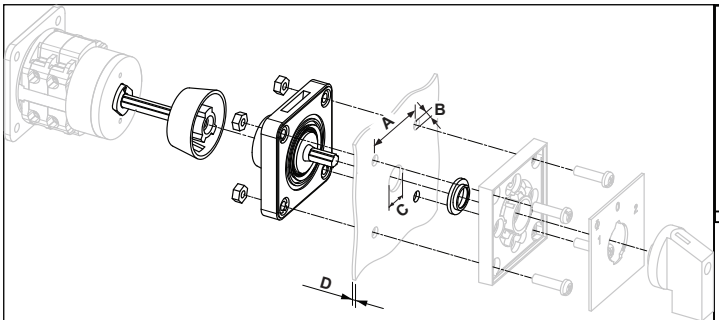


Sample image

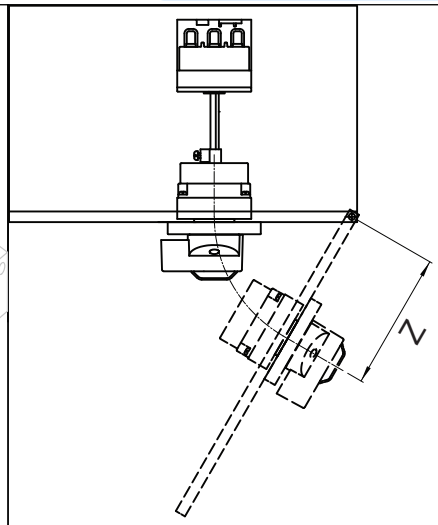
STANDARD DOOR CLUTCH

with shaft extension/asymmetric profile (with arresting screw)

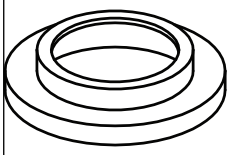
Designation: S1.M280E/B21S-EF
Type of interlock: "B2" with protected profile and interlock by door clutch
Shaft length: "1" 32 - 57 mm
Application: "S" for type of mounting VE
Type of version: "-EF" splash proof (IP66/67)



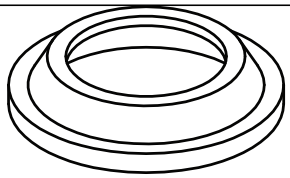
A	□	48,00 mm	B	⌀	5,00 mm
C	⌀	19,00 - 22,00 mm			
D	H	4,00 mm			



Z	H	>= 100,00 mm

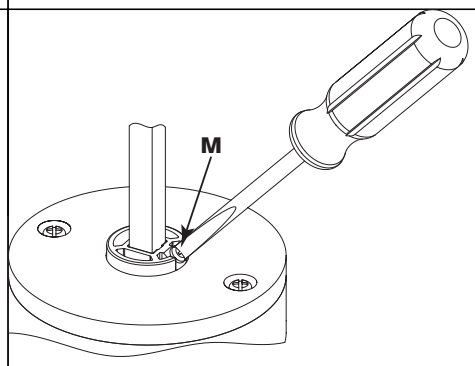


S2D V840 10



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	M	0,80 Nm

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