

Sample image

Datasheet

Article number: 70008229

Designation: KG10B.T203/01.E

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				
20	50	55 Omgivningstemperatur +50°C under 24 timmar med toppar upp till +55°C				
Märkdraftström Ie						
Urvals kriterie		Spänning (V)			Ström (A)	
AC-15		220 - 240			6	
AC-15		380 - 440			4	
Märkdrafteffekt						
Urvals kriterie	Spänning (V)	No. of phases		No. of poles	Effekt (kW)	
AC-3	220 - 240	3		3	2,20	
AC-3	380 - 440	3		3	3,70	
AC-3	660 - 690	3		3	3,70	
AC-3	220 - 240	1		2	1,10	
AC-3	380 - 440	1		2	1,50	
AC-23A	220 - 240	3		3	3	
AC-23A	380 - 440	3		3	5,50	
AC-23A	660 - 690	3		3	5,50	
AC-23A	220 - 240	1		2	1,50	
AC-23A	380 - 440	1		2	2,20	
Max försäkring, IEC						
Säkringskaraktäristik				Antal säkringar	Ström (A)	
gG				1	20	
UL60947-4-1 , UL508						
Nominal Voltage						
Spänning (V) AC / DC						
300 AC						
Märkdraftspänning Ui						
Spänning (V) AC / DC						
300 AC						
Rated thermal current						
Ström (A)		Omgivningstemperatur (°C)		Additional Text		
20		0 - 40		--		
20		0 - 40		--		
Horsepower rating						
Across-the-Line Motor Starting		Spänning (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 220	1	2	0,50	40
DOL		220 - 240	1	2	1	40
DOL		277 - 277	1	2	1	40
DOL		110 - 120	3	3	1	40
DOL		220 - 240	3	3	2	40
Pilot duty rating code						
Duty Code						
A300						
SCCR / Max. fuse rating						
Conditions of acceptability						
These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses.						
Temp. rating of wire						
Temperature rating (°C)		Ström (A) Text				
60 - 75		-- Use copper wire only				
Connecting instructions						
Markings						
Break all lines.						
For use on a flat surface of a type 1 enclosure.						
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	20	1	1	1	

General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	300	20	1	2	1
AC	300	20	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
300	AC

Märkdriftspänning U_i

Spänning (V)	AC / DC
300	AC

Rated thermal current	100 A
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Ström (A)	Omgivningstemperatur (°C)	Additional Text
20	0 - 40	--
20	0 - 40	--

Horsepower rating	100
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Across-the-Line Motor Starting	Spänning (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL	110 - 220	1	2	0,50	40
DOL	220 - 240	1	2	1	40
DOL	277 - 277	1	2	1	40
DOL	110 - 120	3	3	1	40
DOL	220 - 240	3	3	2	40

Pilot duty rating code

<i>Duty Code</i>	
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A300

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	20	1	1	1
AC	277	20	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	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.		1	AWG 12	Copper
flexible wire	Max.		1	2,5mm²	Copper
Single-core or stranded wire	Max.		1	AWG 12	Copper
Single-core or stranded wire	Max.		1	2,5mm²	Copper
flexible wire with ferrule according to DIN 46228	Max.		1	2,5mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.		1	0,5mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.		2	0,5mm²	Copper

Stripping length

Length (mm) --

8

L

Rekomenderad skruvmejsel

Typ av skruvmejsel	Value
Stjärnskruvmejsel	PH1
Slot screwdriver according to DIN 5264	0,8x4

Tightening torque of screws

	tightening torque (Nm)	tightening torque (lb-in)
	0,60	5

Approbations

Specification

Marking

EAC	
CE marking	
UK Directives	
CSA C.22.2 No.14	
GB/T14048.3	

General Information

Text

- Smörjning och behandling av kontaktarna 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.
- Vid installation av strömställaren skall kontrolleras att kryp- och luftavstånd motsvarar gällande föreskrifter.

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



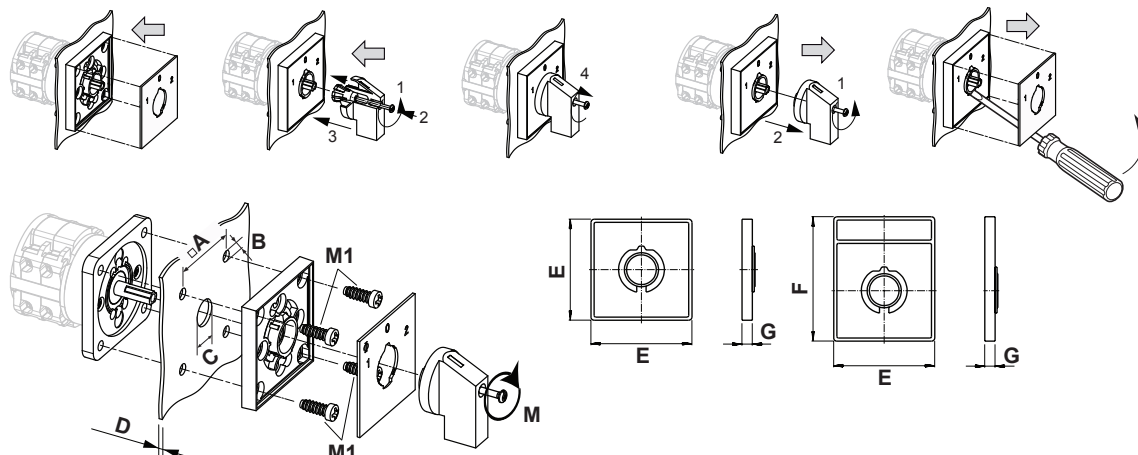
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-E

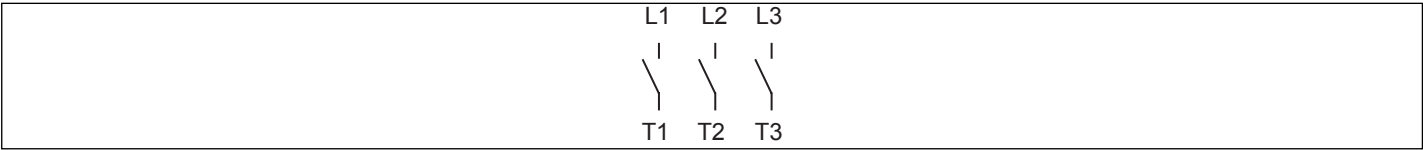


Skyddsklass frontpanel, IP		IP66, IP67
Stages		1,00 - 12,00
A	□	48,00 mm
B	∅	5,00 mm
C	∅	11,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	64,00 mm
F	H	78,50 mm
G	H	7,40 mm
M	⌘	0,70 Nm
M1	⌘	0,90 Nm



Wiring diagram

KG10B.T303.E



Switch program

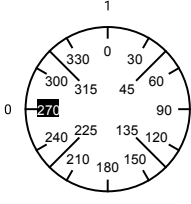
KG10B.T303.E



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Face Plate



Marking plate: S0D H043 51A



Switching Angle

Total switching Angle

	2	4	6	8	10	12	14	16	18	20	22	24
	L3	L1		L2								
0												
270												
285												
300												
315												
330												
345												
1												
0												
15												
30												
45												
60												
75												
90												
105												
120												
135												
150												
165												
180												
195												
210												
225												
240												
255												

Version: 2

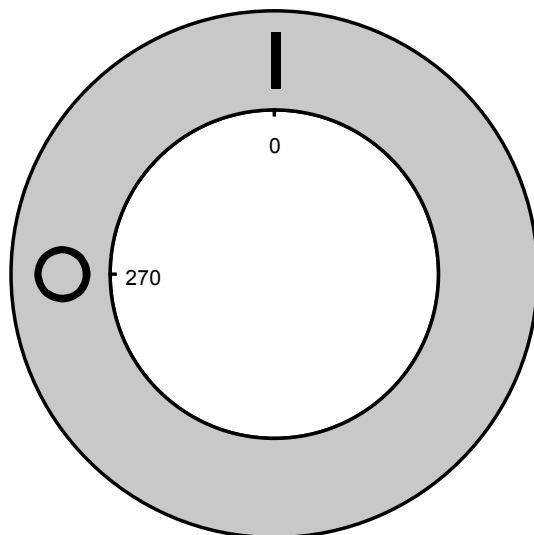
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Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/D61/A1

Colour of F-handle ring: "D" red

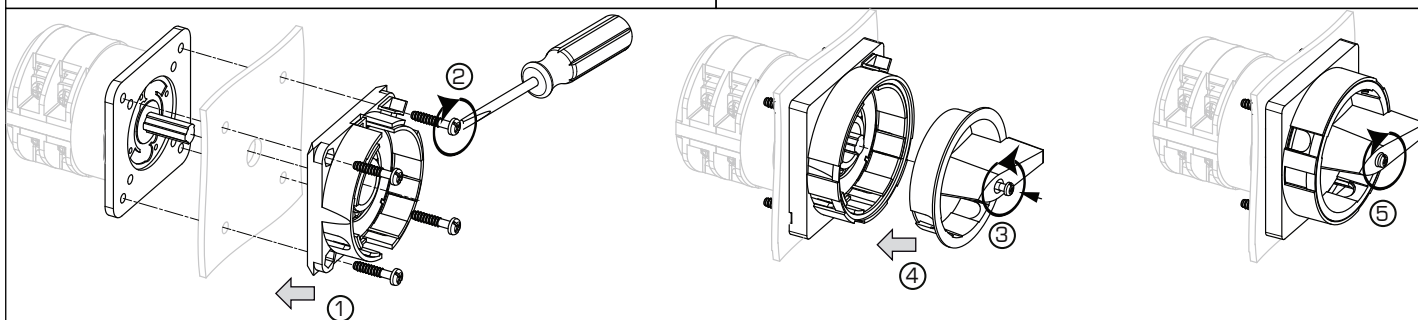
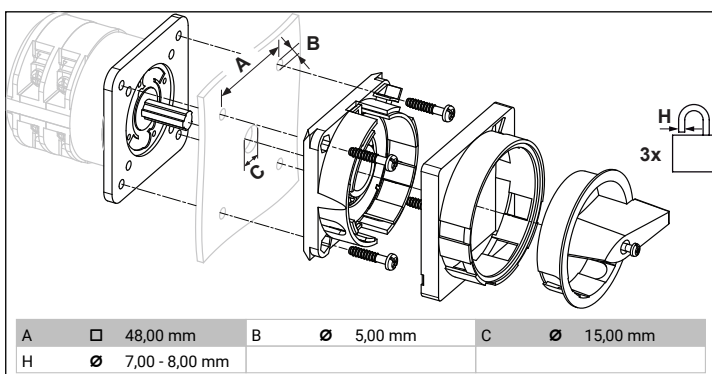
Colour of face ring: "6" yellow

Locking position: "1" at 270° (1x90°)

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

Type of mounting: "A" for type of mounting GK (Rose)

Switch type: "1" for C-switches and for KG10.



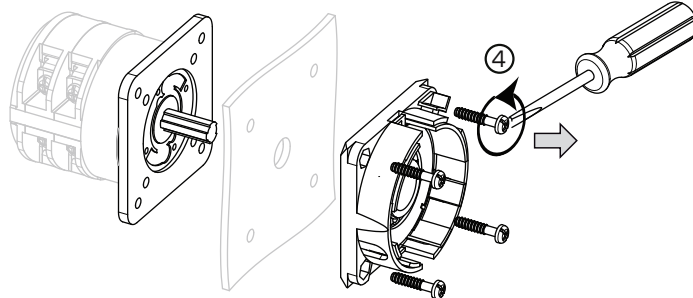
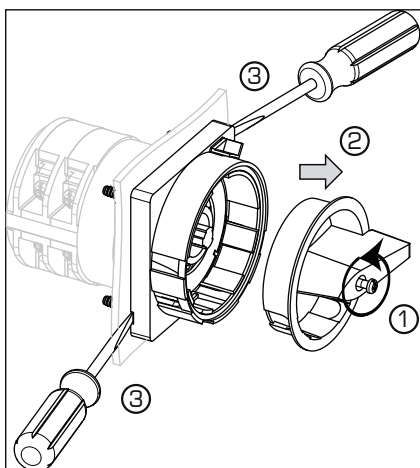
MOUNTING

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.