

Sample image

Datasheet

Article number: 70008894

Designation: KG10B.T202/01.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		

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 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	Ambient temperature [°C]
DOL				110 - 220	1	40
DOL				220 - 240	1	40
DOL				277 - 277	1	40
DOL				110 - 120	3	40
DOL				220 - 240	3	40
Pilot duty rating code						
Duty Code						
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 (mm ²) or (AWG/kcmil)		Material of the wire	
solid wire	Min.	1	0,5mm ²		Copper	
solid wire	Min.	2	0,5mm ²		Copper	
flexible wire	Min.	1	0,75mm ²		Copper	
flexible wire	Min.	2	0,75mm ²		Copper	
flexible wire	Max.	1	AWG 12		Copper	
flexible wire	Max.	1	2,5mm ²		Copper	
Single-core or stranded wire	Max.	1	AWG 12		Copper	
Single-core or stranded wire	Max.	1	2,5mm ²		Copper	
flexible wire with ferrule according to DIN 46228	Max.	1	2,5mm ²		Copper	
flexible wire with ferrule according to DIN 46228	Min.	1	0,5mm ²		Copper	
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm ²		Copper	
Stripping length						
				Length (mm)	--	
				8		
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



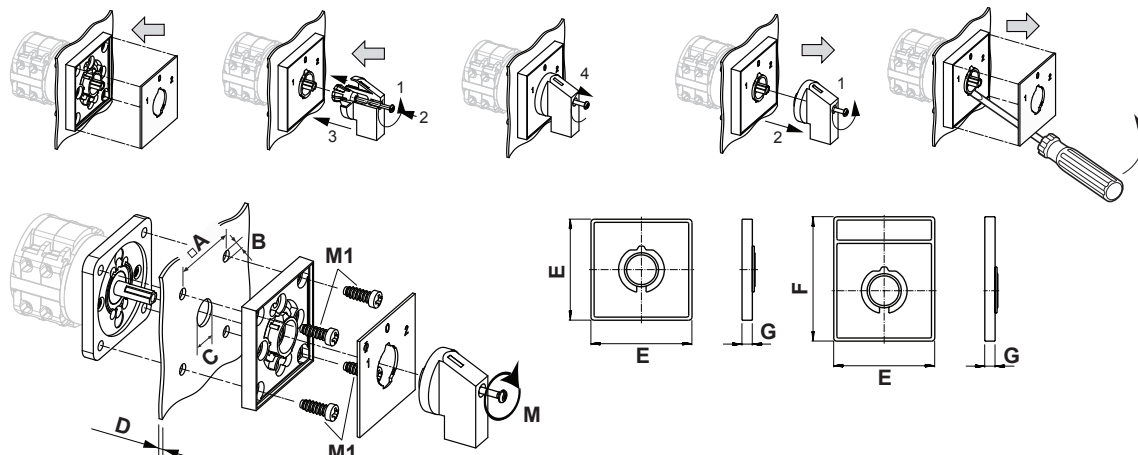
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

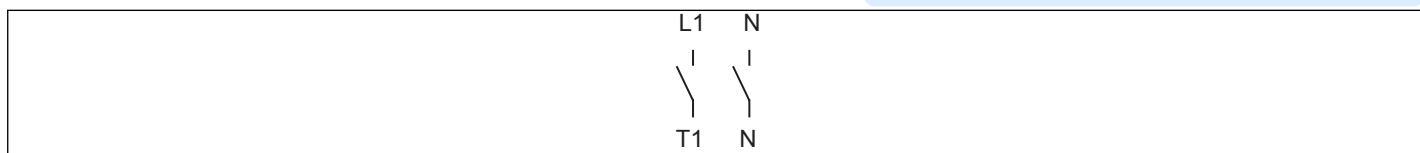
Mounting-E



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	78,00 mm
G	H	7,40 mm
M	↺	0,70 Nm
M1	↺	0,90 Nm

Wiring diagram

KG10B.T302.E



Switch program

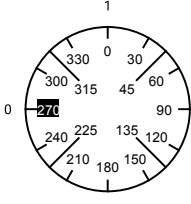
KG10B.T302.E



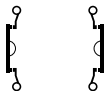
Kraus & Naimer

KG10B	T302E	E	Page 1 of 1
--------------	--------------	----------	--------------------

Face Plate



Marking plate: S0D H043 51F



Switching Angle	90	2	4	6	8	10	12	14	16	18	20	22	24
Total switching Angle	90	N	L1										

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

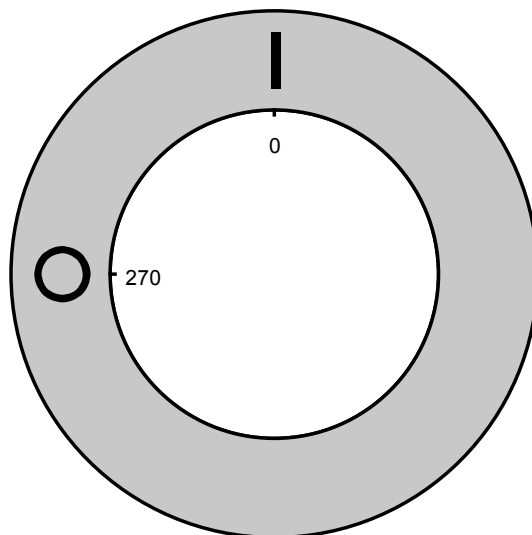
06.14.2023 02:41 PM v3.21

<https://www.krausnaimer.com>

Page 5 of 8

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

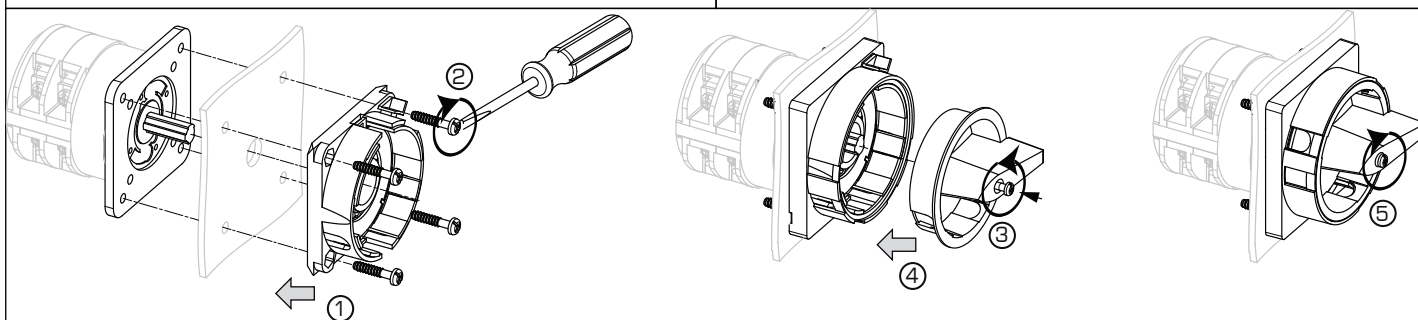
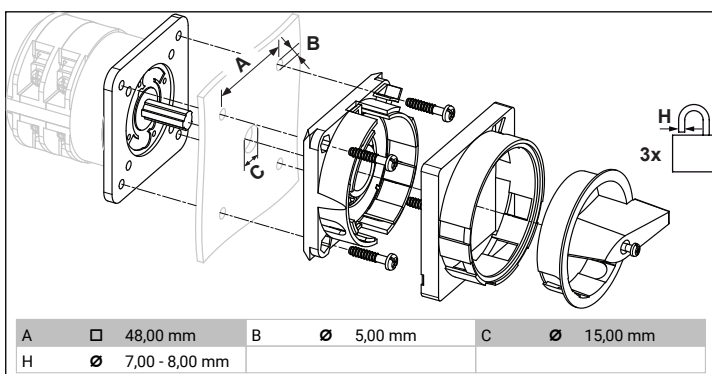
Colour of face ring: "6" yellow

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.



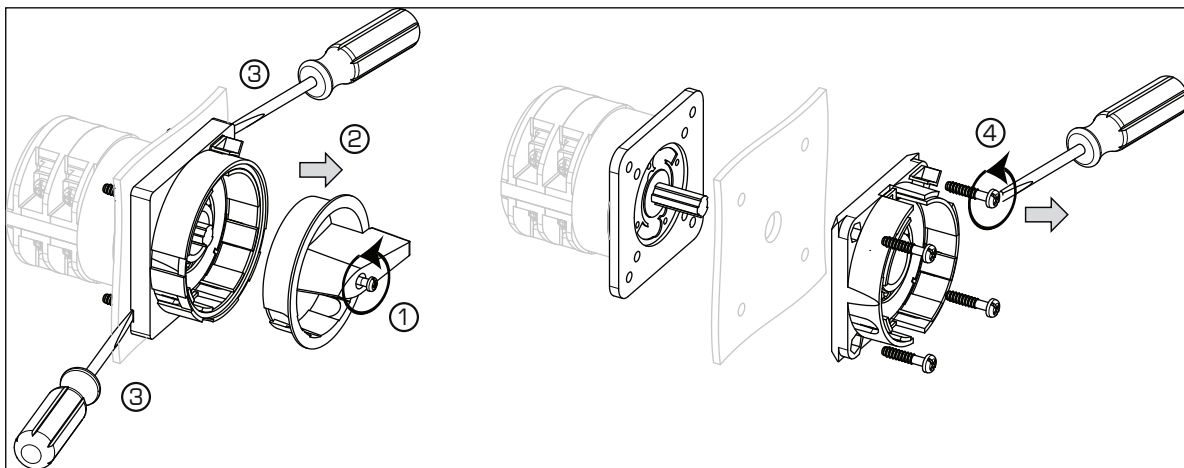
MOUNTING

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.