



Sample image

Datasheet

Article number: 70008894

Designation: KG10B.T202/01.E

Description: Switch Global Disconnector

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	
20	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-15		220 - 240		6
AC-15		380 - 440		4
Rated operational power				
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (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. Fuse rating IEC				
Fuse characteristic		No. of Fuses		Current (A)
gG		1		20
Tested AC and DC values				
Utilization category / Time constant	No. of contacts in series	Off or change-over switch	Voltage (V) AC / DC	Current (A)
DC-13	1	ON - OFF	24 DC	3
DC-13	1	ON - OFF	220 DC	0,15
DC-21A	1	ON - OFF	24 DC	16
DC-21A	1	ON - OFF	220 DC	0,90
DC-23A	1	ON - OFF	24 DC	13
DC-23A	1	ON - OFF	220 DC	0,20
UL60947-4-1 , UL508				
Nominal Voltage				
Voltage (V) AC / DC				
300 AC				
Rated insulation voltage Ui				
Voltage (V) AC / DC				
300 AC				
Rated thermal current				
Current (A)		Ambient temperature (°C) Additional Text		
20		0 - 40 --		
20		0 - 40 --		
Horsepower rating				
Across-the-Line Motor Starting	Voltage (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)		Current (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	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	20	1	1	1	
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.						
- When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.						
CSA						
Nominal Voltage						
		Voltage (V) AC / DC				
		300 AC				
Rated insulation voltage Ui						
		Voltage (V) AC / DC				
		300 AC				
Rated thermal current						
		Current (A)	Ambient temperature (°C)		Additional Text	
		20	0 - 40		--	
		20	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting		Voltage (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						
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	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) --				
						
Recommended screw driver						
Type of screw driver		Value				
Cross Screwdriver		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	
CE marking						
UK Directives						
UL 60947-4-1; CSA C22.2 No. 60947-4-1						
						

Approbations

Specification

Marking

CSA C.22.2 No.14



GB/T14048.3



General Information

Text

- Use solo alambres de cobre con o sin alambres individuales chapados en estaño/plata. No se permite el estañado posterior de los extremos del conductor.
- 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.
- La clase de protección del tipo de montaje seleccionado puede variar si se utilizan extras opcionales.
- 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.
- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.

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



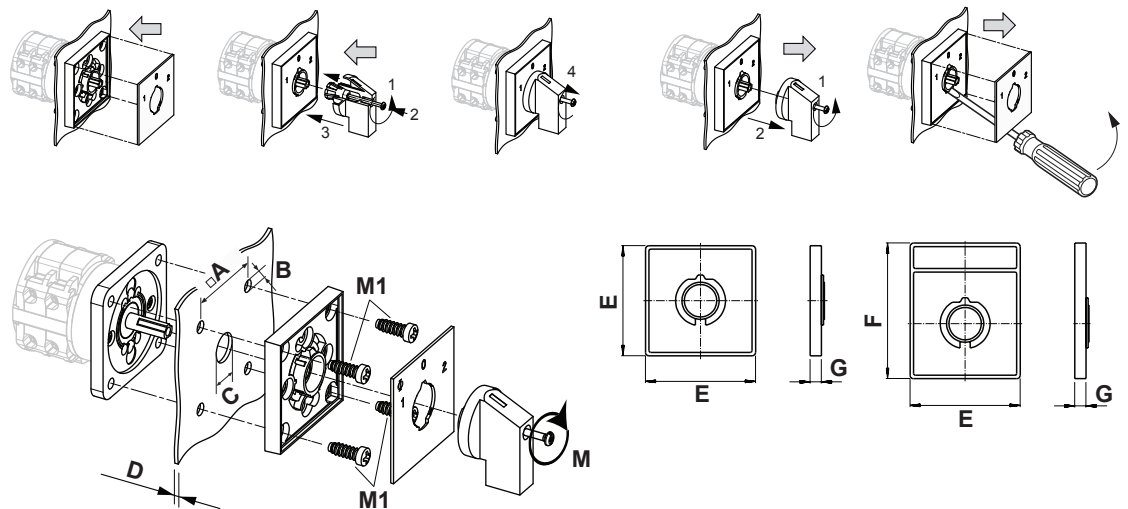
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

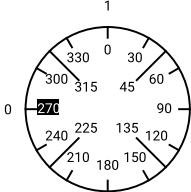
Mounting-E



IP - Code front side	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	↻ 1,20 Nm

Switch program

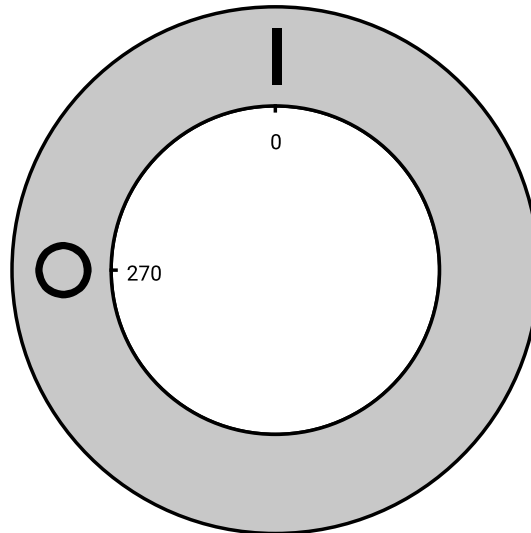
KG10B.T302.E

 Kraus & Naimer		KG10B	T302E	E	Page 1 of 1								
Face Plate													
		N	T1										
		1	3	5	7	9	11	13	15	17	19	21	23
		Marking plate: S0D H043 51F											
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16	18	20	22	24
		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											
		Jumpers											
		1 ●	● 3	4 ●	● 2								
		5 ○	○ 7	8 ○	○ 6								
		9 ○	○ 11	12 ○	○ 10								
		13 ○	○ 15	16 ○	○ 14								
		17 ○	○ 19	20 ○	○ 18								
		21 ○	○ 23	24 ○	○ 22								
		25 ○	○ 27	28 ○	○ 26								
		29 ○	○ 31	32 ○	○ 30								
		33 ○	○ 35	36 ○	○ 34								
		37 ○	○ 39	40 ○	○ 38								
		41 ○	○ 43	44 ○	○ 42								
		45 ○	○ 47	48 ○	○ 46								

Version: 2

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/D61/A1

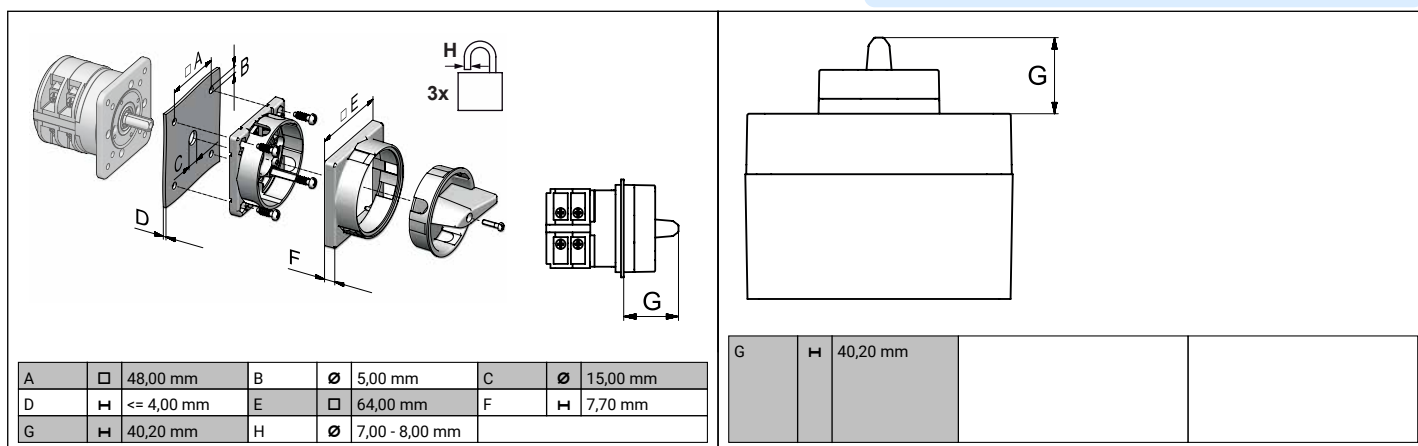
Color of F-handle ring: "D" red

Color of face plate ring: "6" yellow

Locking position: "1" at 270° (1x90°)

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

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



G	H	40,20 mm		
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