



Sample image

Datasheet

Article number: 70010579

Designation: KG64B.T103/01.E

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Rated insulation voltage Ui					
			Voltage (V) AC / DC		
			690 AC		
Rated uninterrupted current Iu/Ith					
Current (A)		Ambient temperature (°C)		Peak temperature (°C) additional requirements	
63		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		63
Rated operational power					
Utilization category		Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-3		220 - 240	3	3	11
AC-3		380 - 440	3	3	18,50
AC-3		660 - 690	3	3	15
AC-23A		220 - 240	3	3	11
AC-23A		380 - 440	3	3	22
AC-23A		660 - 690	3	3	18,50
Max Fuse Rating IEC					
Fuse characteristic			No. of Fuses		Current (A)
gG			1		63
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
		60	0 - 40		--
Horsepower rating					
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)
DOL		110 - 120	1	2	3
DOL		220 - 240	1	2	7,50
DOL		277 - 277	1	2	7,50
DOL		415 - 415	1	2	10
DOL		440 - 480	1	2	15
DOL		550 - 600	1	2	15
DOL		110 - 120	3	3	5
DOL		220 - 240	3	3	15
DOL		415 - 415	3	3	20
DOL		440 - 480	3	3	30
DOL		550 - 600	3	3	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 600V max., when protected by 70A Class J fuses.					
Temp. rating of wire					
			Temperature rating (°C)		Current (A) Text
			60 - 75		-- --
General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	277	60	1	1	1
AC	600	60	1	2	1
AC	600	60	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.					

General Information						
Text						
- 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			
			600 AC			
Rated insulation voltage Ui						
			Voltage (V) AC / DC			
			600 AC			
Rated thermal current						
			Current (A)	Ambient temperature (°C)		Additional Text
			60	0 - 40		--
Horsepower rating						
Across-the-Line Motor Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)
DOL			110 - 120	1	2	3
DOL			220 - 240	1	2	7,50
DOL			277 - 277	1	2	7,50
DOL			415 - 415	1	2	10
DOL			440 - 480	1	2	15
DOL			110 - 120	3	3	5
DOL			220 - 240	3	3	15
DOL			415 - 415	3	3	20
DOL			440 - 480	3	3	30
DOL			550 - 600	3	3	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	60	1	1	1	
AC	600	60	1	2	1	
AC	600	60	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)	
flexible wire		Max.	1		1 AWG 6	
flexible wire		Max.	1		10mm²	
Single-core or stranded wire		Max.	1		1 AWG 6	
Single-core or stranded wire		Max.	1		16mm²	
flexible wire with sleeve		Max.	1		10mm²	
flexible wire with sleeve		Max.	1		10mm²	
Stripping length						
			Length (mm) --			
						
			12			
Recommended screw driver						
Type of screw driver			Value			
Cross Screwdriver			PH2			
Slot screwdriver according to DIN 5264			1,2x6,5			
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			1,80		16	
Approbations						
Specification					Marking	
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
Text						
- EMC Note: This device is suitable for use in environment A and B.						
- 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.						
- Use copper wire only. Do not coat the wire end with tin.						
- Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications.						
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



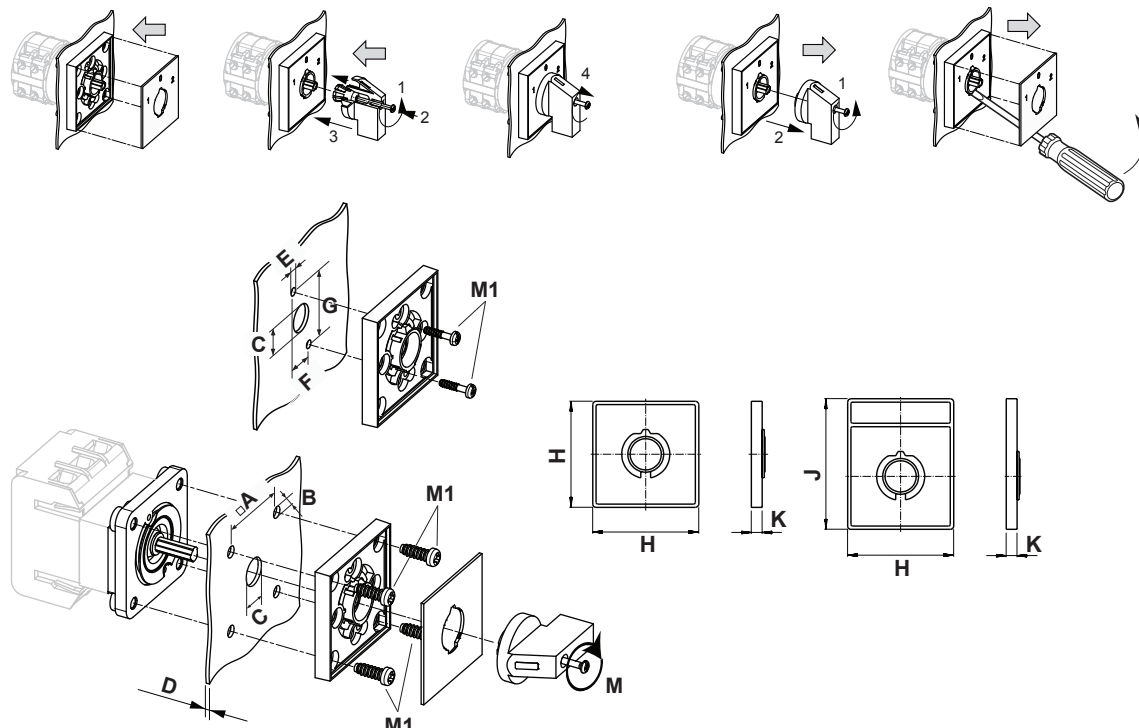
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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	∅	10,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	3,50 mm
F	H	12,20 mm
G	H	30,00 mm
H	H	64,00 mm
J	H	78,50 mm
K	H	7,40 mm
M	⌀	0,70 Nm
M1	⌀	0,90 Nm



Wiring diagram

KG64B.T303.E



Switch program

KG64B.T303.E



Kraus & Naimer

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

Version: 102

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/A71/A2

Colour of F-handle ring: "A" black

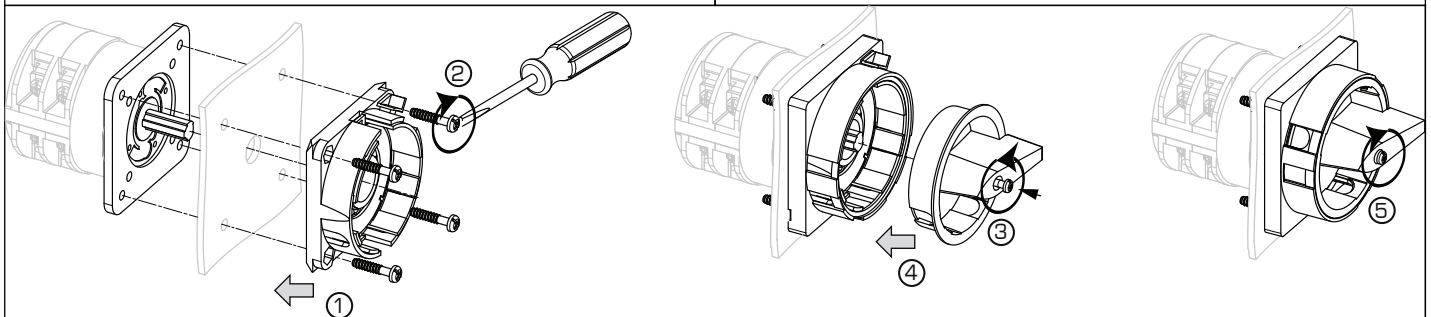
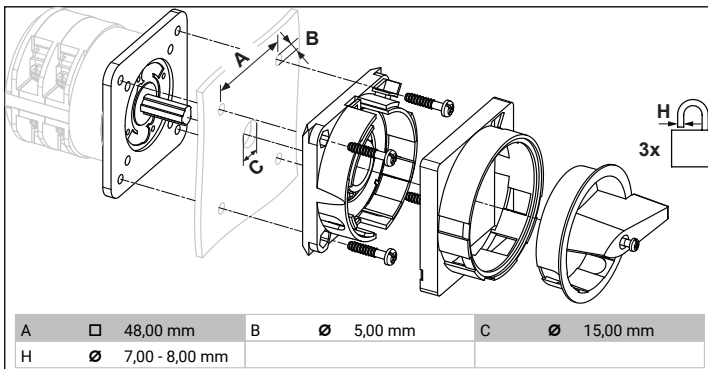
Colour of face ring: "7" electro-grey

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: "2" for KA-, KG- and KH(R)-switches



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.