

Sample image







Datasheet

Article number: 70010021

Designation: KG32B.T104/09.VE

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			
32	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		32	
Rated operational power						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	5,50		
AC-3	380 - 440	3	3	7,50		
AC-3	660 - 690	3	3	7,50		
AC-23A	220 - 240	3	3	5,50		
AC-23A	380 - 440	3	3	11		
AC-23A	660 - 690	3	3	11		
Max Fuse Rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		35	
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		
		30	0 - 40	-		
Horsepower rating						
<i>Across-the-Line Motor Starting</i>		Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 120	1	2	1,50	40
DOL		200 - 208	1	2	3	40
DOL		220 - 240	1	2	5	40
DOL		277 - 277	1	2	5	40
DOL		415 - 415	1	2	5	40
DOL		440 - 480	1	2	7,50	40
DOL		550 - 600	1	2	7,50	40
DOL		110 - 120	3	3	3	40
DOL		200 - 240	3	3	10	40
DOL		415 - 415	3	3	10	40
DOL		440 - 480	3	3	20	40
DOL		550 - 600	3	3	25	40
Pilot duty rating code						
Duty Code						
A600						
SCCR / Max. fuse rating						
<i>Conditions of acceptability</i>						
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 at 600V max., when protected by 40A 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	30	1	1	1	
AC	600	30	1	2	1	
AC	600	30	3	3	1	

General Information						
<i>Text</i>						
- 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				
		600 AC				
Rated insulation voltage Ui						
		Voltage (V) AC / DC				
		600 AC				
Rated thermal current						
		Current (A)	Ambient temperature (°C)			Additional Text
		30	0 - 40			--
Horsepower rating						
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 120	1	2	1,50	40
DOL		220 - 240	1	2	5	40
DOL		277 - 277	1	2	5	40
DOL		415 - 415	1	2	5	40
DOL		440 - 480	1	2	7,50	40
DOL		550 - 600	1	2	7,50	40
DOL		110 - 120	3	3	3	40
DOL		220 - 240	3	3	10	40
DOL		415 - 415	3	3	10	40
DOL		440 - 480	3	3	20	40
DOL		550 - 600	3	3	25	40
Pilot duty rating code						
<i>Duty Code</i>						
A600						
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	30	1	1	1	
AC	600	30	1	2	1	
AC	600	30	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
flexible wire	Max.	1		1 AWG 10		Copper
flexible wire	Max.	1		4mm ²		Copper
Single-core or stranded wire	Max.	1		6mm ²		Copper
Single-core or stranded wire	Max.	1		AWG 10		Copper
flexible wire with sleeve	Max.	1		4mm ²		Copper
Stripping length						
		Length (mm) --				
						
Recommended screw driver						
		Type of screw driver				
		Value				
		Cross Screwdriver				
		PH2				
		Slot screwdriver according to DIN 5264				
		0,8x4				
Tightening torque of screws						
		tightening torque (Nm)			tightening torque (lb-in)	
		1,25			11	
Approbations						
<i>Specification</i>						<i>Marking</i>
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
<i>Text</i>						
- EMC Note: This device is suitable for use in environment A and B.						

General Information

Text

- 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



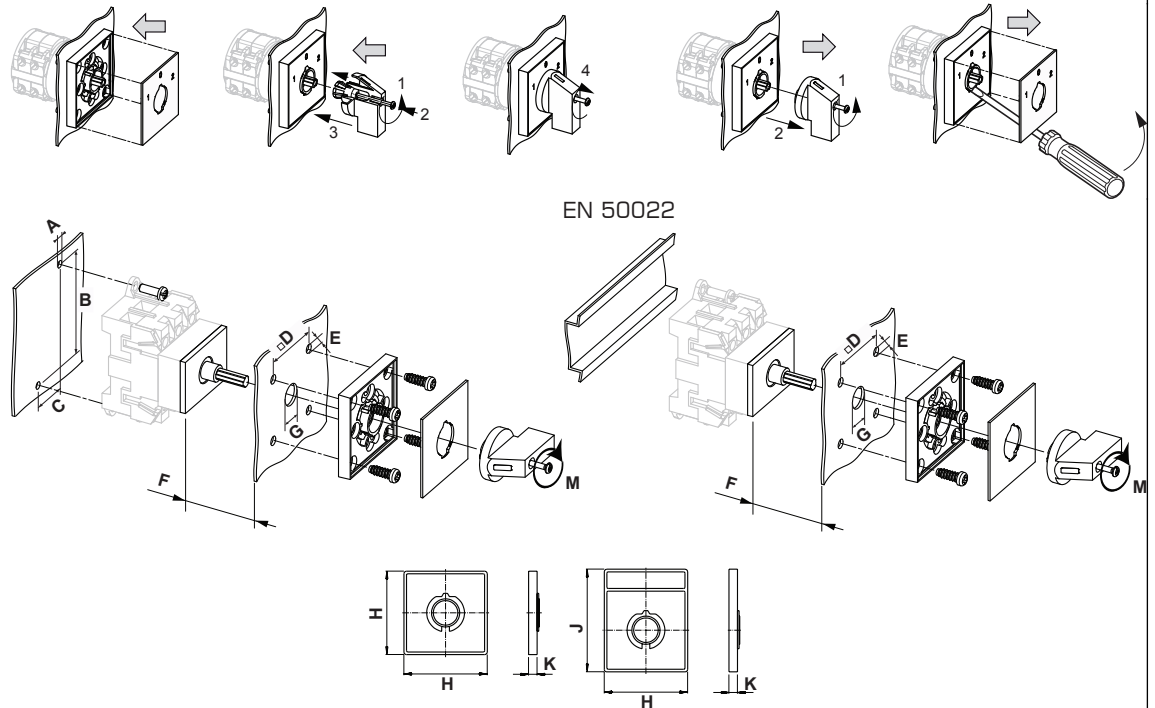
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

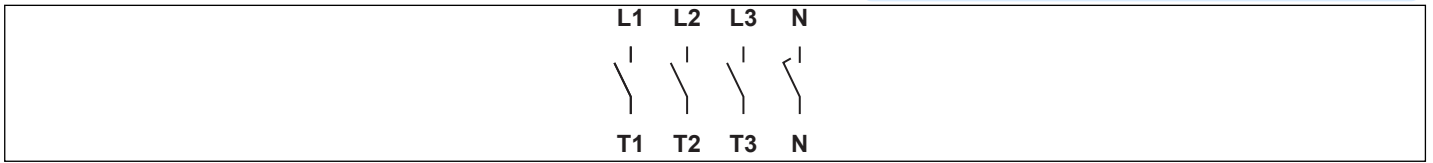
Mounting-VE



IP - Code front side		IP40
Stages		1,00 - 5,00
A	∅	4,10 mm
B	H	60,00 mm
B_tol.	H	± 0,50 mm
C	H	22,50 mm
C_tol.	H	± 0,50 mm
D	□	48,00 mm
E	∅	5,00 mm
F	H	<= 13,50 mm
G	∅	10,00 - 15,00 mm
H	H	64,00 mm
J	H	78,00 mm
K	H	7,40 mm
M	⌘	0,70 Nm


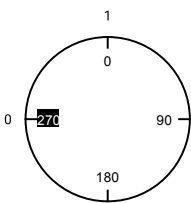

Wiring diagram

KG32B.T304.VE



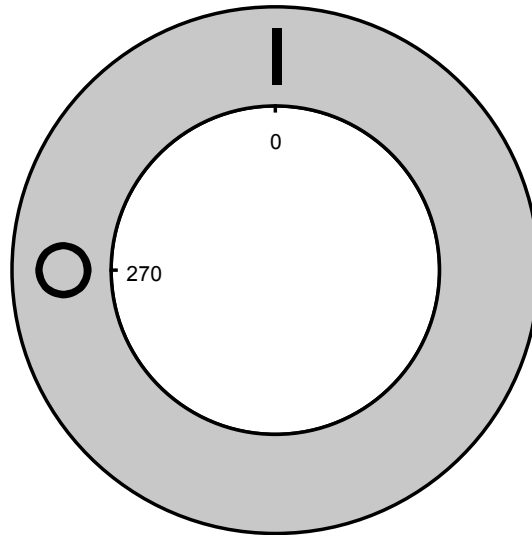
Switch program

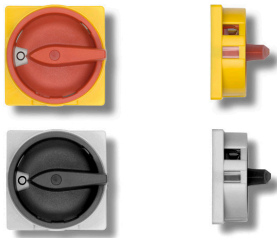
KG32B.T304.VE

 Kraus & Naimer		KG32B				T304				Page 1 of 1			
		Face Plate											
		L1	L2	L3	N								
		1	3	5	7	9	11	13	15				
Switching Angle <input type="text" value="90"/> Total switching Angle <input type="text" value="90"/>													
		2	4	6	8	10	12	14	16				
		T1	T2	T3	N								
0	270												
1	0	█	█	█	█								
	90												
	180												
Version: 94													

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/A71/B2

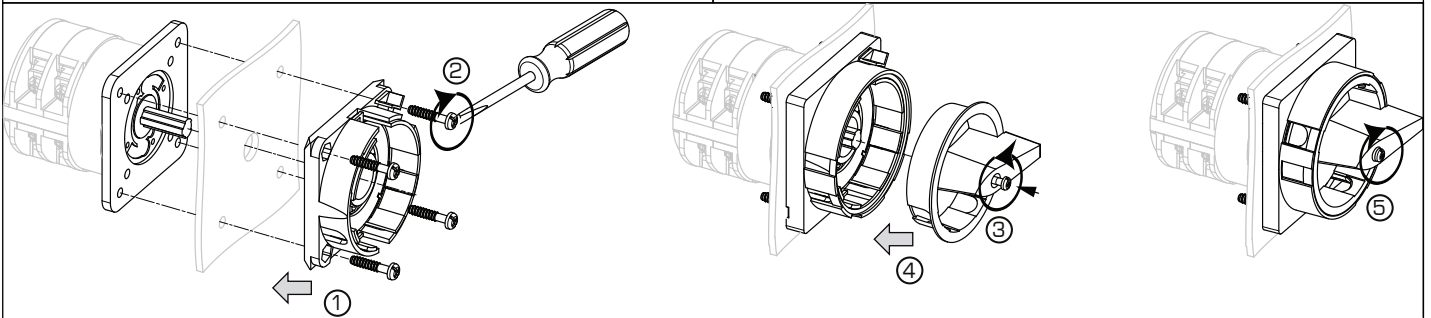
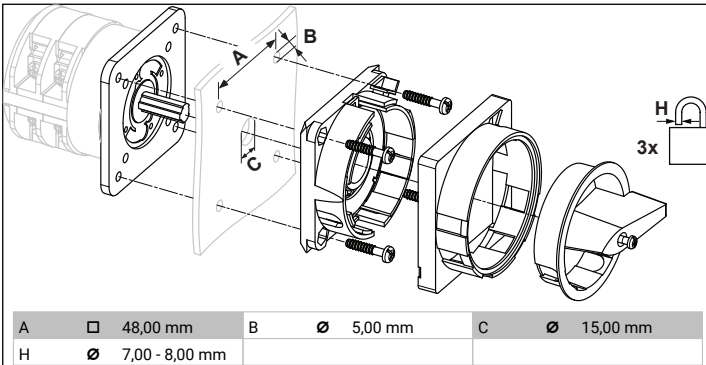
Colour of F-handle ring: "A" black

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



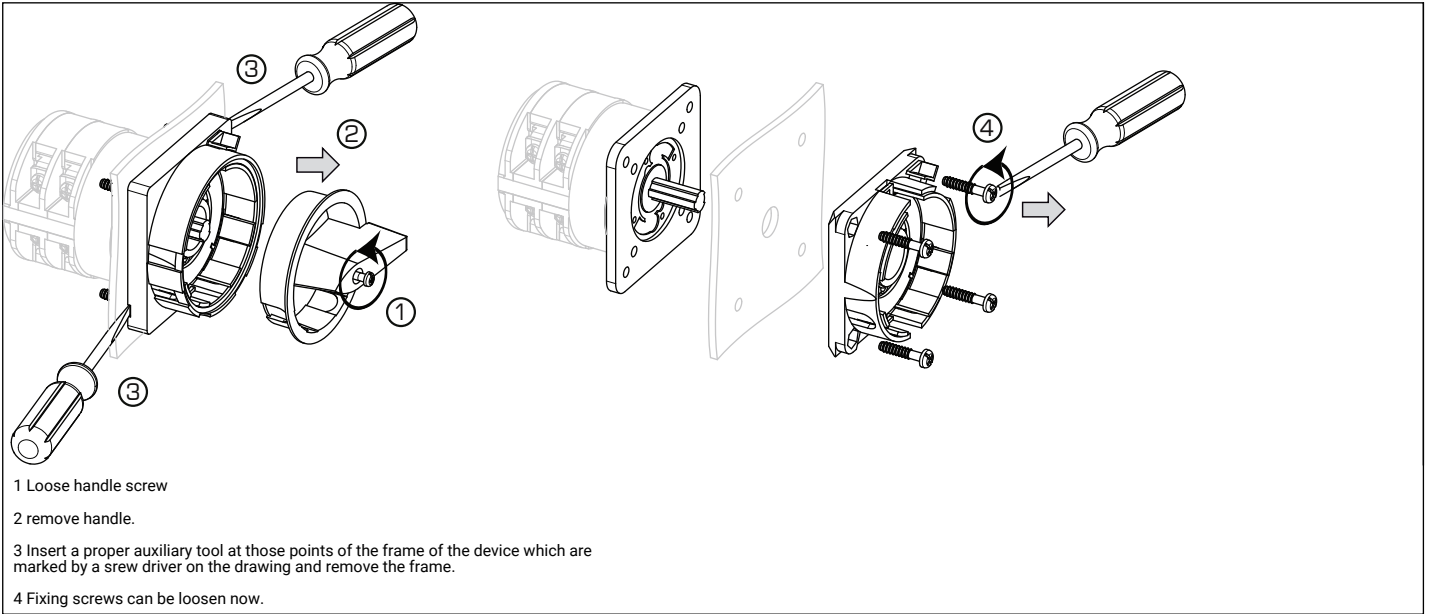
MOUNTING

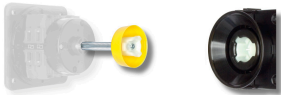
1 + 2 The padlock device has to be mounted by four cylinder head screws from the front.

3 Loosen the screw and

4 Push it into the handle onto the shaft

5 Fasten the screw.





Sample image

STANDARD DOOR CLUTCH

with shaft extension/asymmetric profile (with arresting screw)

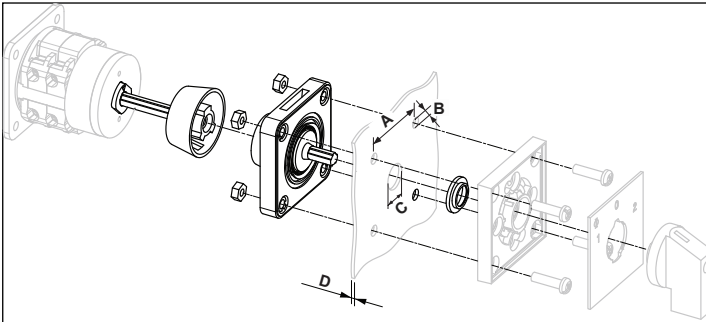
Designation: S1.M280E/B21S-EF/1

Type of interlock: "B2" with protected profile and interlock by door clutch

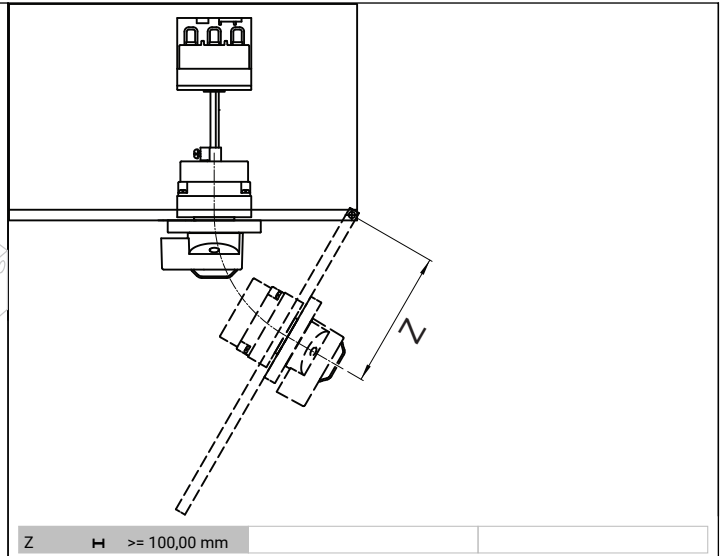
Shaft length: "1" 32 - 57 mm

Application: "S" for type of mounting VE

Type of version: "-EF/1" splash proof (IP66/67) for next smaller switch size



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



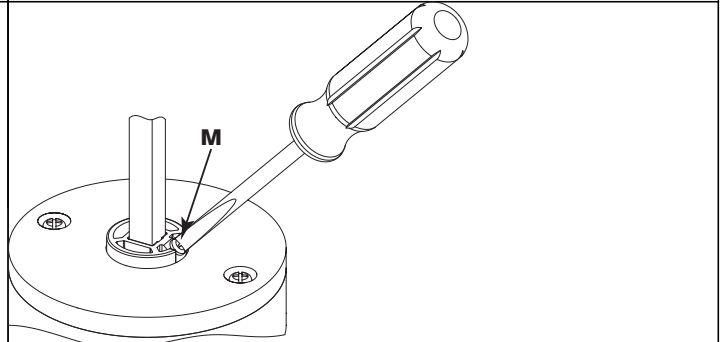
Z H >= 100,00 mm



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 ⚙ 0,80 Nm

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