



Sample image

Datasheet

Article number: 70011178
Designation: KG32B.T204/09.VE
Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Rated insulation voltage Ui						
Voltage (V) AC / DC						
690 50/60Hz						
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						
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	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						
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 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						
<i>composition of conductor</i>	<i>Min. / Max. value</i>	<i>No. of conductor per terminal</i>		<i>Cross section (mm²) or (AWG/kcmil)</i>	<i>Material of the wire</i>	
Flexible wire	Max.	1		AWG 10	Copper	
Flexible wire	Max.	1		4mm²	Copper	
Single-core or stranded wire	Max.	1		6mm²	Copper	
Single-core or stranded wire	Max.	1		AWG 10	Copper	
Flexible wire with sleeve	Max.	1		4mm²	Copper	
Stripping length						
Length (mm) -						
						
Recommended screw driver						
<i>Type of screw driver</i>	<i>Value</i>					
Cross Screwdriver	PH2					
Slot screwdriver according to DIN 5264	0,8x4					
Tightening torque of screws						
<i>tightening torque (Nm)</i>				<i>tightening torque (lb-in)</i>		
1,25				11		
Approbations						
<i>Specification</i>						<i>Marking</i>
EAC						
CE marking						
UK Directives						
UL 60947-4-1; CSA C22.2 No. 60947-4-1						
CSA C.22.2 No.14						
GB/T14048.3						

General Information
Text

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- EMC Note: This device is suitable for use in environment A and B.
- 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.
- The protection class of the selected mounting type may vary if optional extras are used.
- 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.

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

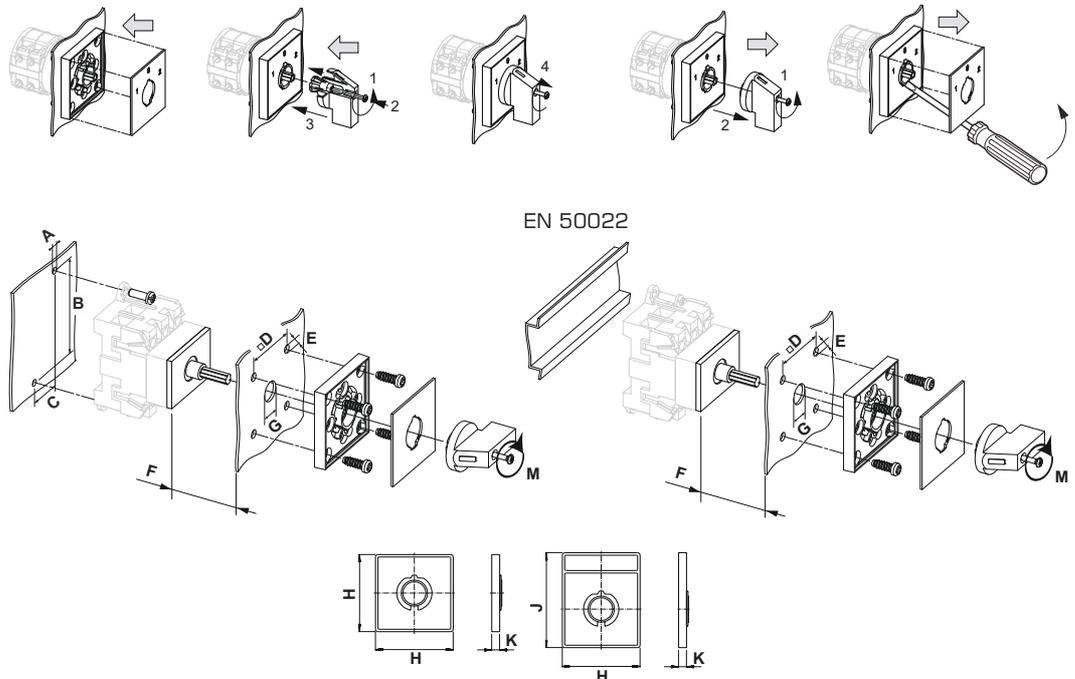
Proposition 65
Picture name
Description


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

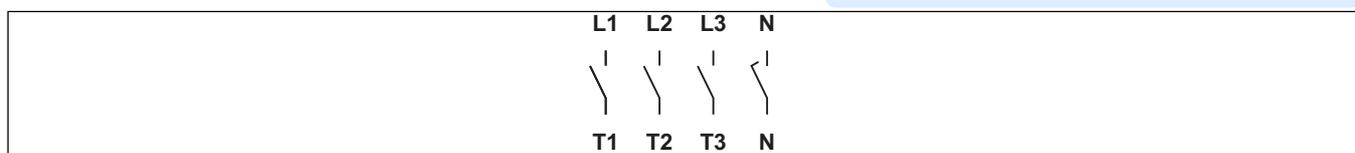
Mounting-VE


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	M	0,70 Nm

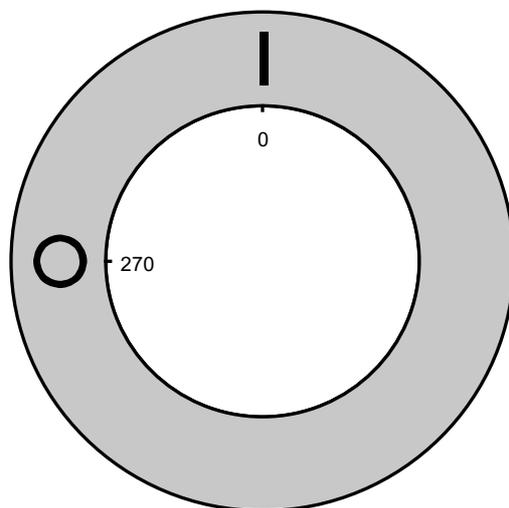
Wiring diagram

KG32B.T304.VE



Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE with F-handle ring

Designation: S1.V840G/D61/B2

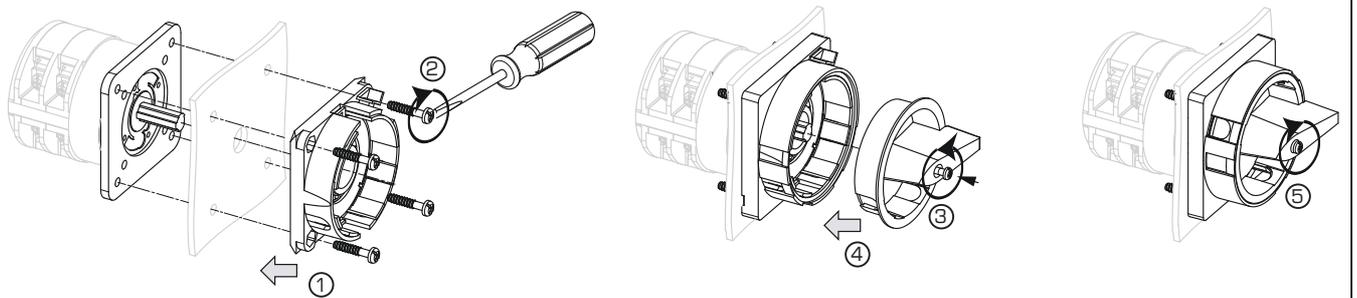
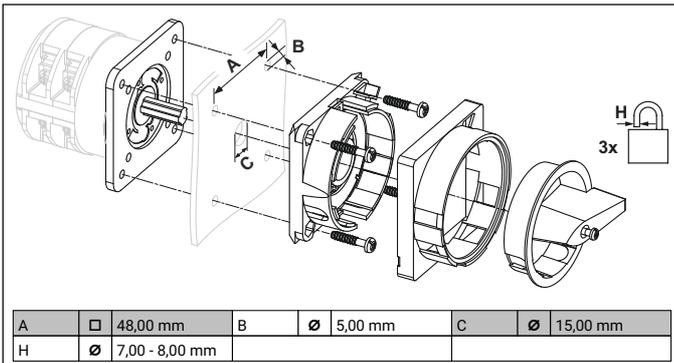
Color of F-handle ring: "D" red

Color of face plate ring: "6" yellow

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



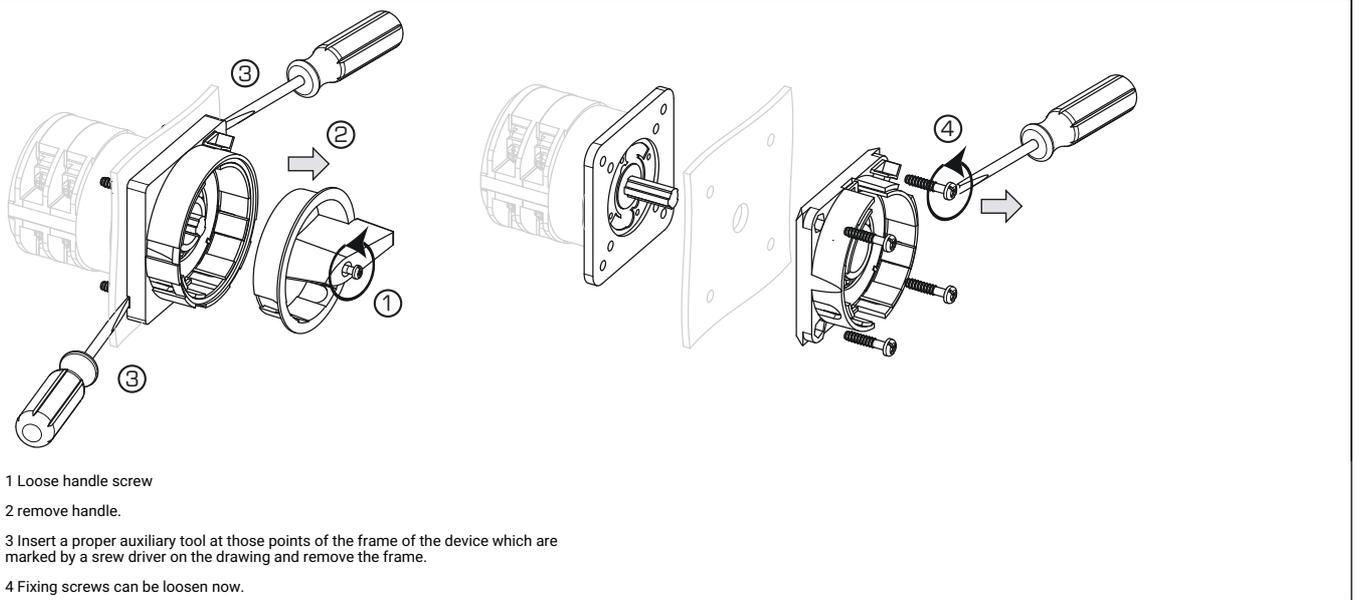
MOUNTING

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)

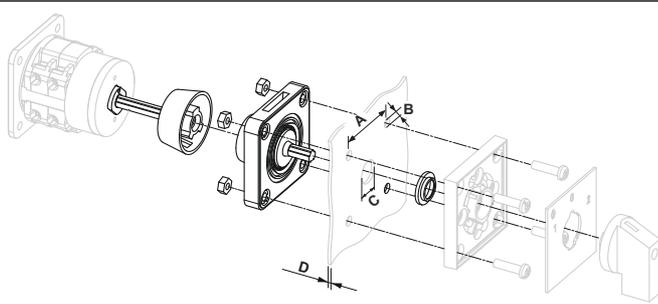
Designation: S1.M280E/B21S-EF/1

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

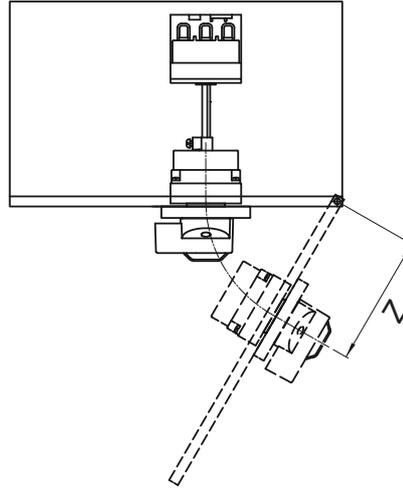
Shaft length: "1" 32 - 57 mm

Application: "S" for type of mounting VE

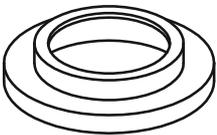
Type of version: "-EF/1" splash proof (IP66/67) for next smaller switch size



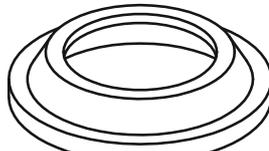
A	□	48,00 mm	B	∅	5,00 mm	C	∅	19,00 - 22,00 mm
D	H	4,00 mm						



Z	H	>= 100,00 mm		
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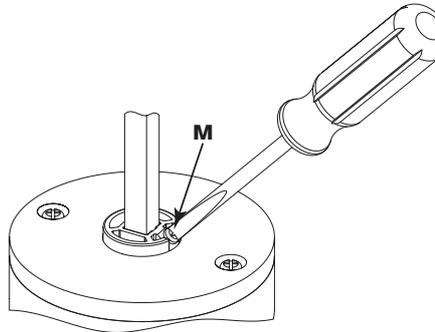


S2 V840 10



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

SHAFT EXTENSIONS

in special length for M004D

Designation: S0.M099D/000B140

GENERAL TECHNICAL INFORMATION

Recommended screw driver

Type of screw driver	Value
Cross Screwdriver	PH1