

Sample image

Datasheet

Article number: 70010560

Designation: KG32B.T203/09.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						
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

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
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

Duty Code

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 (mm²) or (AWG/kcmil)	Material of the wire
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

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

Specification

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.

Marking



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

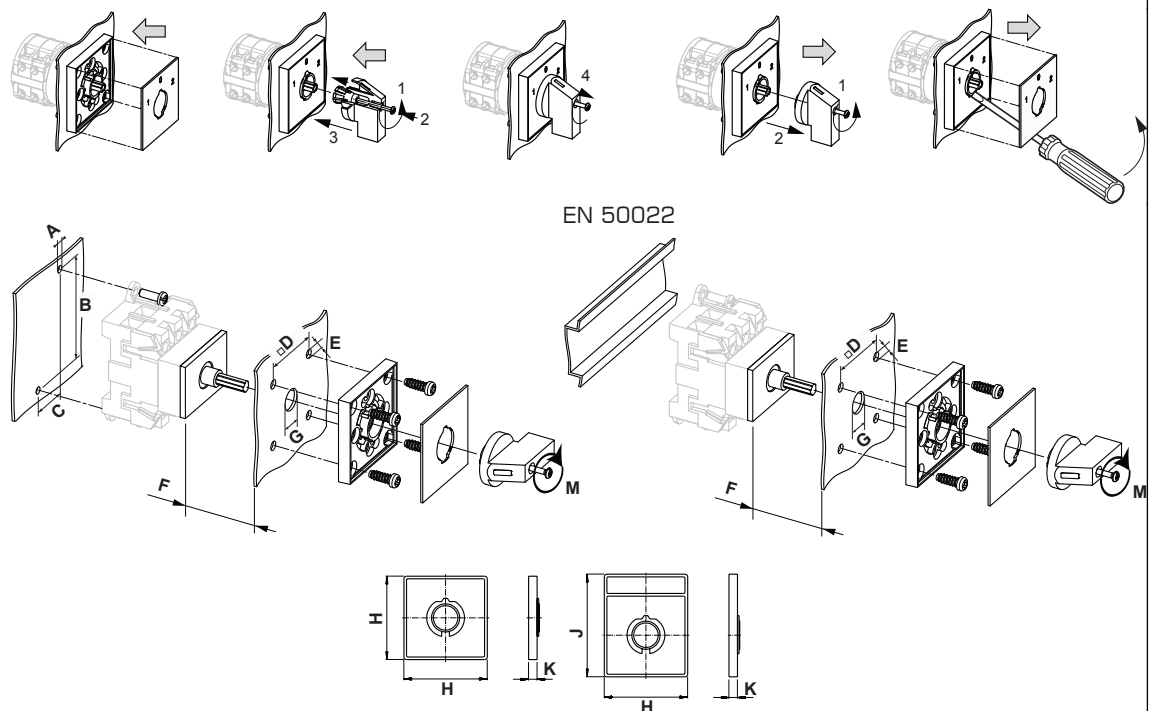
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

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	Ø 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	Ø 5,00 mm
F	H ≤ 13,50 mm
G	Ø 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.T303.VE



Switch program

KG32B.T303.VE



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/D61/B2

Colour of F-handle ring: "D" red

Colour of face 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.



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.



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

