



Sample image

Datasheet

Article number: 70010307

Designation: KG32B.T103/04.E

Description: Switch Global Disconnectors

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	

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
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
DOL				220 - 240	1
				2	5
DOL				277 - 277	1
				2	5
DOL				415 - 415	1
				2	5
DOL				440 - 480	1
				2	7,50
DOL				550 - 600	1
				2	7,50
DOL				110 - 120	3
				3	3
DOL				220 - 240	3
				3	10
DOL				415 - 415	3
				3	10
DOL				440 - 480	3
				3	20
DOL				550 - 600	3
				3	25
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					
Tightening torque of screws					
			tightening torque (Nm)		tightening torque (lb-in)
			1,25		11
Stripping length					
			Length (mm) --		
			9 STRIPPINGLENGTH		
Size of conductor					
composition of conductor		Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	
flexible wire		Max.	1	AWG 10	
flexible wire		Max.	1	4mm²	
Single-core or stranded wire		Max.	1	6mm²	
Single-core or stranded wire		Max.	1	AWG 10	
flexible wire with sleeve		Max.	1	4mm²	
Material of the wire					
flexible wire				Copper	
flexible wire				Copper	
Single-core or stranded wire				Copper	
Single-core or stranded wire				Copper	
flexible wire with sleeve				Copper	
Approbations					
Specification					Marking
EAC					
CE marking					
UK Directives					
CSA C.22.2 No.14					
GB/T14048.3					
Recommended screw driver					
Type of screw driver			Value		
Cross Screwdriver			PH2		
Slot screwdriver according to DIN 5264			0,8x4		
General Information					
Text					
- 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

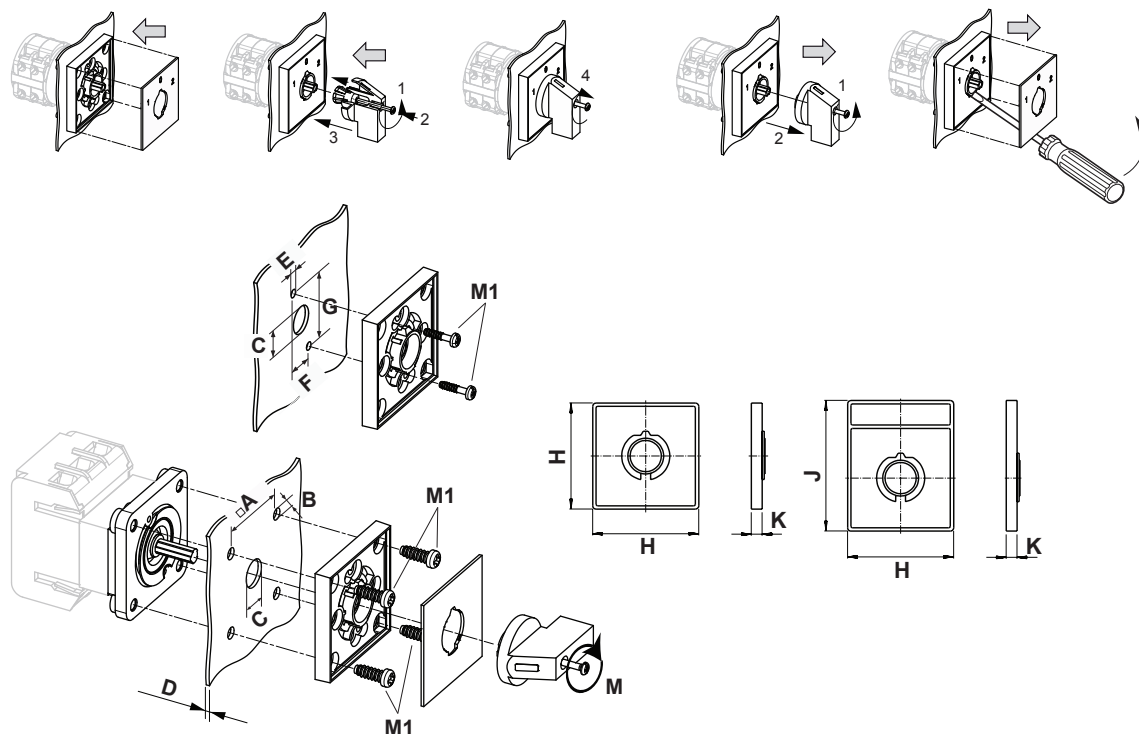
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-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	M̃ 0,70 Nm
M1	M̃ 0,90 Nm



Wiring diagram

KG32B.T303.E



Switch program

KG32B.T303.E

 Kraus & Naimer		KG32B		T303		Page 1 of 1			
Face Plate									
		L1 1	L2 3	L3 5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2 T1	4 T2	6 T3	8	10	12	14	16
0	270								
1	0								
	90								
	180								
Version: 102									

Face plate

S1.F456/A10.V45H



PADLOCK DEVICE

Designation: S1.V845/A11/A12

Face plate and handle unit: "A" face plate/alu, frame/black, handle/black, locking push rod/red

Locking position: "1" at 09:00/03:00 - knockouts every 45°

Angular displacement: "1" 1 x 90°

Type of mounting: "A" for type of mounting E

Type of mounting: "A" for type of mounting GK

Type of version: "1" for same switch size

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

