

Sample image

Datasheet

Article number: 70009968

Designation: KG41B.T203/01.E

Description: Switchgear

3D-File: https://pd.krausnaimer.com/data/3d-model/dynamic/3D_70009968_720963922.zip

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		
40		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		40	
Rated operational power						
Utilization category		Voltage (V)		No. of phases		No. of poles Power (kW)
AC-3		220 - 240		3		3 7,50
AC-3		380 - 440		3		3 11
AC-3		660 - 690		3		3 11
AC-23A		220 - 240		3		3 7,50
AC-23A		380 - 440		3		3 15
AC-23A		660 - 690		3		3 15
Max. Fuse rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		50	
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		
		42		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 2 40
DOL			220 - 240		1	2 5 40
DOL			277 - 277		1	2 7,50 40
DOL			415 - 415		1	2 7,50 40
DOL			440 - 480		1	2 10 40
DOL			550 - 600		1	2 10 40
DOL			110 - 120		3	3 5 40
DOL			220 - 240		3	3 15 40
DOL			415 - 415		3	3 15 40
DOL			440 - 480		3	3 25 40
DOL			550 - 600		3	3 30 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 600V max., when protected by 60A 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		42		1 1 1

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	42	1	2	1
AC	600	42	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
		40	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	2
DOL				220 - 240	1
				2	5
DOL				277 - 277	1
				2	7,50
DOL				415 - 415	1
				2	7,50
DOL				440 - 480	1
				2	10
DOL				550 - 600	1
				2	10
DOL				110 - 120	3
				3	5
DOL				220 - 240	3
				3	15
DOL				415 - 415	3
				3	15
DOL				440 - 480	3
				3	25
DOL				550 - 600	3
				3	30
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	40	1	1	1
AC	600	40	1	2	1
AC	600	40	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	AWG 6	
Flexible wire		Max.	1	10mm²	
Single-core or stranded wire		Max.	1	AWG 6	
Single-core or stranded wire		Max.	1	16mm²	
Flexible wire with sleeve		Max.	1	10mm²	
Stripping length					
				Length (mm) --	
					
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
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.					

General Information

Text

- 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



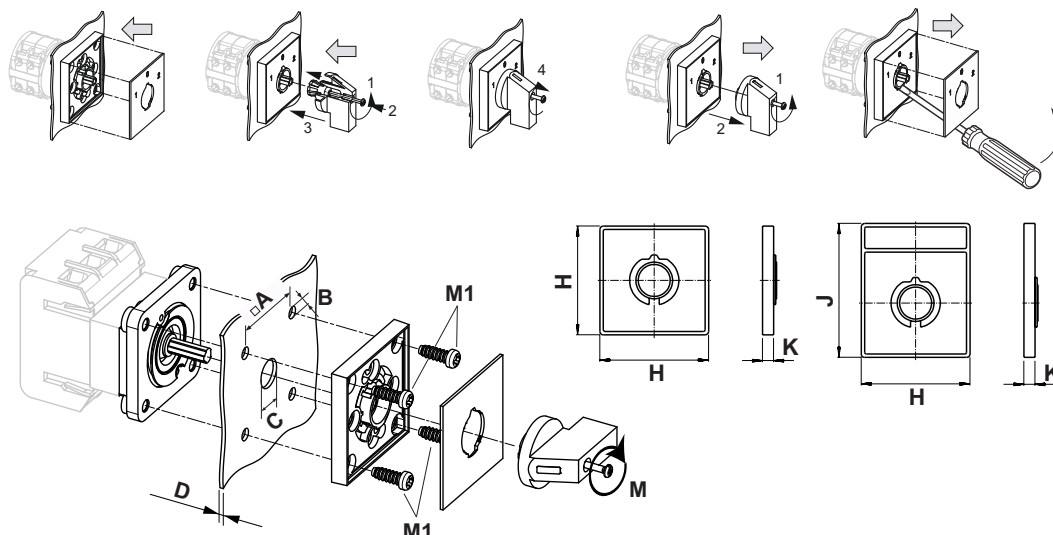
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

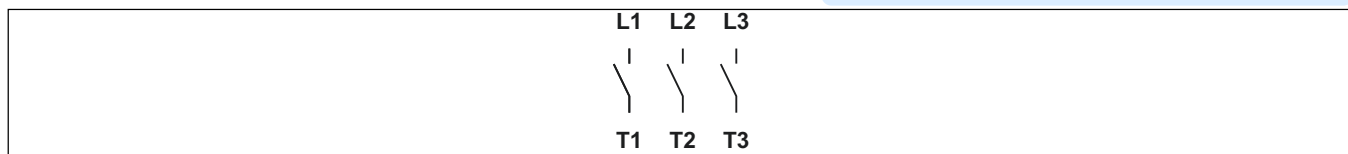
Mounting-E



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
H	H 64,00 mm
J	H 78,00 mm
K	H 7,40 mm
M	⌀ 0,70 Nm
M1	⌀ 1,20 Nm

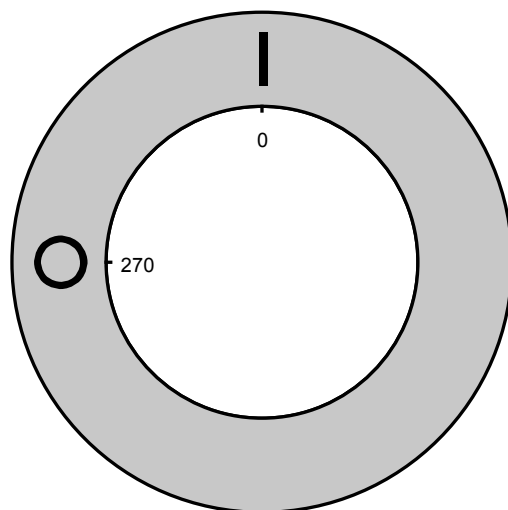
Wiring diagram

KG41B.T303.E



Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/D61/A2

Color of F-handle ring: "D" red

Color of face plate ring: "6" yellow

Locking position: "1" at 270° (1x90°)

Type of mounting: "A" for type of mounting GK (Rose)

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

Switch type: "2" for KA- and KG-switches

Switch type: "2" for KHR-switches

