



Sample image

Datasheet

Article number: 70009989

Designation: KG80.T204/01.E

Description: Switchgear

3D-File: https://pd.krausnaimer.com/data/3d-model/dynamic/3D_70009989_615513933.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			
80	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		80	
Rated operational power						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	15		
AC-3	380 - 440	3	3	22		
AC-3	660 - 690	3	3	18,50		
AC-23A	220 - 240	3	3	18,50		
AC-23A	380 - 440	3	3	30		
AC-23A	660 - 690	3	3	22		
Max. Fuse rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		80	
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		
80		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	5	40	
DOL	220 - 240	1	2	10	40	
DOL	277 - 277	1	2	15	40	
DOL	415 - 415	1	2	20	40	
DOL	440 - 480	1	2	20	40	
DOL	550 - 600	1	2	30	40	
DOL	110 - 120	3	3	10	40	
DOL	220 - 240	3	3	25	40	
DOL	415 - 415	3	3	30	40	
DOL	440 - 480	3	3	50	40	
DOL	550 - 600	3	3	50	40	
SCCR / Max. fuse rating						
Conditions of acceptability						
These devices are suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses or Circuit Breaker Type SFHA36AT0250, manufactured by General Electric.						
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by Class J fuses, 100A max.						
Temp. rating of wire						
Temperature rating (°C)			Current (A) Text			
75			-- --			
Connecting instructions						
Markings						
Break all lines.						
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	80	1	1	1	

General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	80	1	2	1
AC	600	80	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
		80	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	5	40
DOL	220 - 240	1	2	10	40
DOL	277 - 277	1	2	15	40
DOL	415 - 415	1	2	20	40
DOL	440 - 480	1	2	20	40
DOL	550 - 600	1	2	30	40
DOL	110 - 120	3	3	10	40
DOL	220 - 240	3	3	25	40
DOL	415 - 415	3	3	30	40
DOL	440 - 480	3	3	50	40
DOL	550 - 600	3	3	50	40
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	80	1	1	1
AC	600	80	1	2	1
AC	600	80	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
Solid wire	Min.	1	2.5mm²		Copper
Flexible wire	Min.	1	4mm²		Copper
Flexible wire	Max.	1	35mm²		Copper
Flexible wire	Max.	1	AWG 2		Copper
Single-core or stranded wire	Min.	1	AWG 10		Copper
Single-core or stranded wire	Max.	1	AWG 1/0		Copper
Single-core or stranded wire	Max.	1	50mm²		Copper
Flexible wire with sleeve	Max.	1	35mm²		Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	2.5mm²		Copper
Stripping length					
					Length (mm) --
					14
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)	
			3	27	
Approbations					
Specification					Marking
CE marking					CE
UK Directives					UK CA
UL 60947-4-1; CSA C22.2 No. 60947-4-1					UL LISTED 7787
CSA C.22.2 No.14					SP
GB/T14048.3					CCC

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



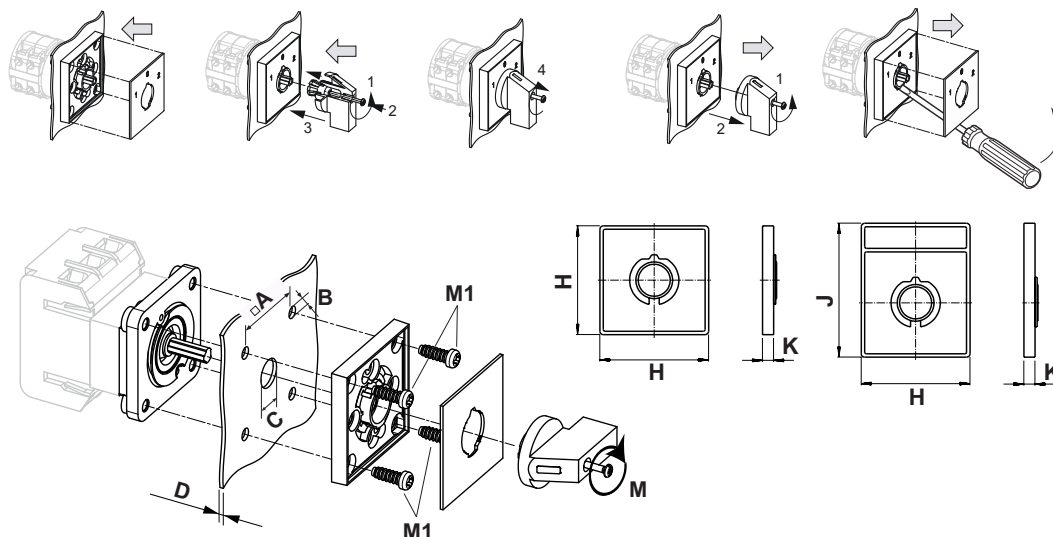
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

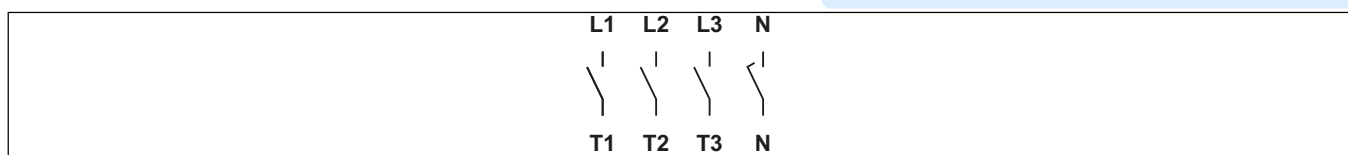
Mounting-E



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

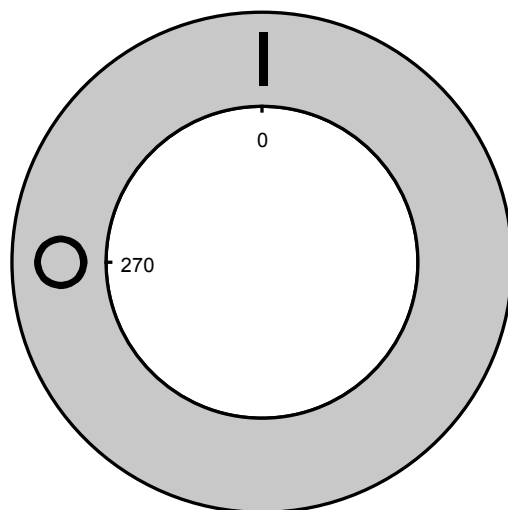
Wiring diagram

KG80.T304.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

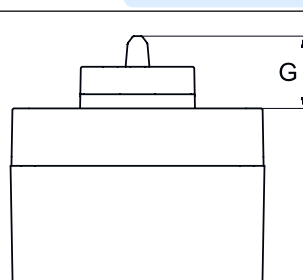
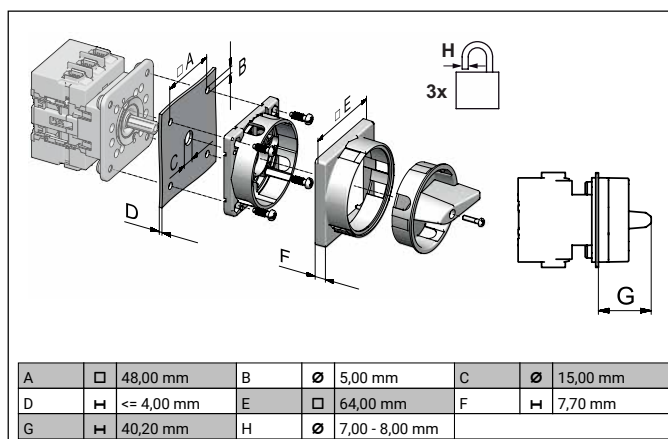
Locking position: "1" at 270° (1x90°)

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



G	H	40,20 mm		
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PROTECTIVE COVER

for KA40-KA63BT and KG20-KG317

Designation: K2.M160/4

Type of version: "4" cover for 4 pole switches

