



Sample image

Datasheet

Article number: 70018995

Designation: KG20A.T103/04.E

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			
25	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		20	
Rated operational power					
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3	220 - 240	3	3	4	
AC-3	380 - 440	3	3	5,50	
AC-3	660 - 690	3	3	5,50	
AC-23A	220 - 240	3	3	5,50	
AC-23A	380 - 440	3	3	7,50	
AC-23A	660 - 690	3	3	7,50	
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	
25		0 - 40		--	
Horsepower rating					
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)
DOL		110 - 120	1	2	1
DOL		220 - 240	1	2	3
DOL		277 - 277	1	2	3
DOL		415 - 415	1	2	5
DOL		440 - 480	1	2	5
DOL		550 - 600	1	2	5
DOL		110 - 120	3	3	2
DOL		200 - 240	3	3	7,50
DOL		415 - 415	3	3	10
DOL		440 - 480	3	3	15
DOL		550 - 600	3	3	20
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	25	1	1	1
AC	600	25	1	2	1

General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	600	25	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	
		25	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting				Voltage (V)	No. of phases	No. of poles
				110 - 120	1	2
				220 - 240	1	2
				277 - 277	1	2
				415 - 415	1	2
				440 - 480	1	2
				550 - 600	1	2
				110 - 120	3	3
				220 - 240	3	3
				415 - 415	3	3
				440 - 480	3	3
				550 - 600	3	3

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

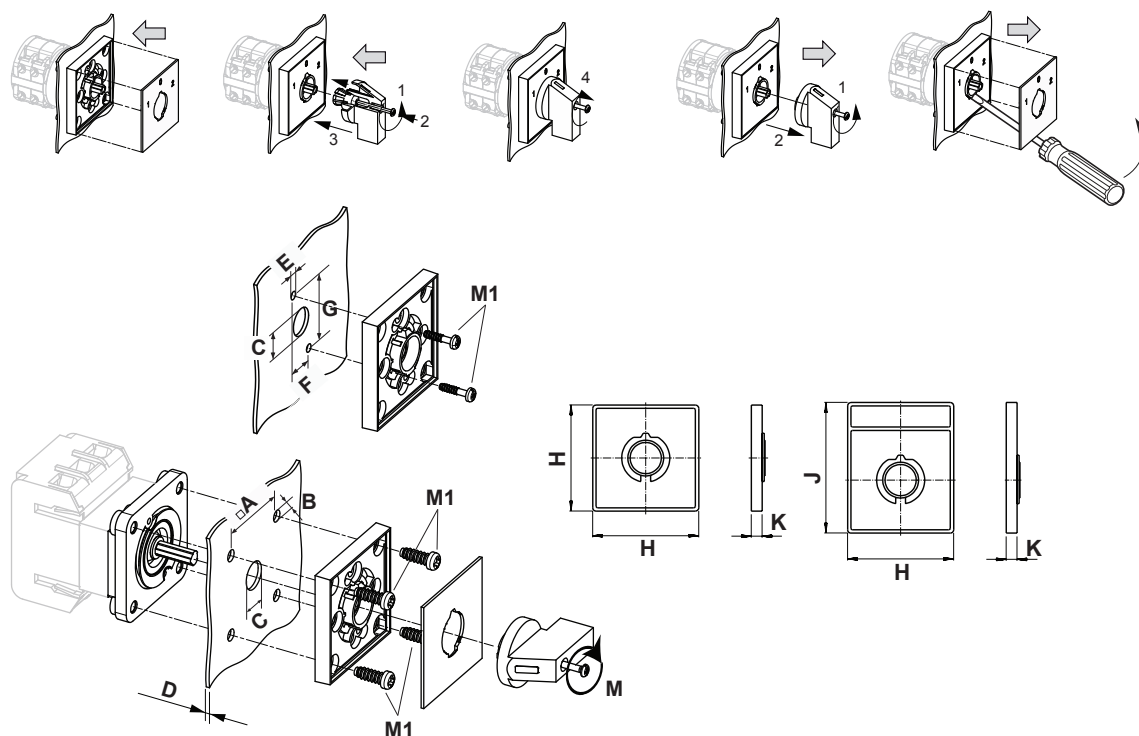
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-E

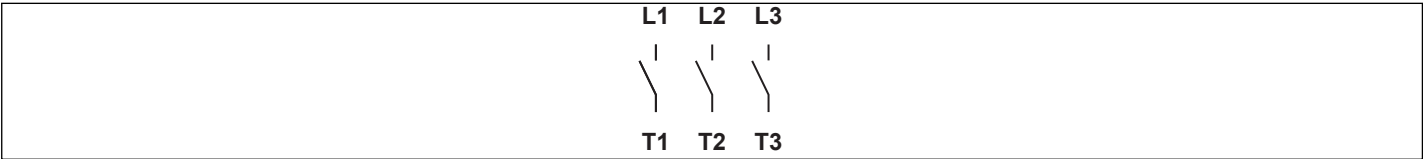


IP - Code front side	IP66, IP67
Stages	1,00 - 12,00
A	□ 36,00 mm
B	∅ 5,00 mm
C	∅ 10,00 - 15,00 mm
D	H ≤ 4,00 mm
E	∅ 3,50 mm
F	H 12,20 mm
G	H 30,00 mm
H	H 48,00 mm
J	H 59,00 mm
K	H 6,30 mm
M	M̃ 0,50 Nm
M1	M̃ 0,90 Nm



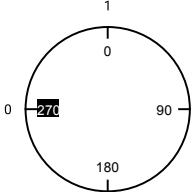
Wiring diagram

KG20A.T303.E



Switch program

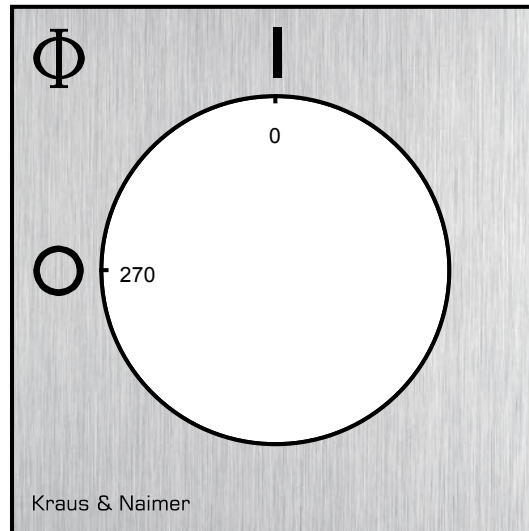
KG20A.T303.E

 Kraus & Naimer		KG20A		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

S0.F456/A10.E1LH



PADLOCK DEVICE

Designation: S0.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

