



Sample image

### **Datasheet**

Article number: 70018995 Designation: KG20A.T103/04.E

**Description:** Switch Global Disconnector

Rated insulation voltage Ui	47-3, VDE 0660 Teil 10	•					
Nateu ilisulation voltage of		V	oltage (V) AC / D	С			
			690 AC				
Rated uninterrupted current							
Current (A)	Ambient temperature (°C)	Peak temperature	(°C) additional re				
25	50		55 Ambient ten	nperature +50°C	during 24 hours w	vith peaks up to +55°C	
Rated operational current le Utilization category	1			Vo	Itage (V)		Current (
AC-32A					20 - 400		Current (.
Rated operational power					20 400		
Utilization category		Voltage (V)	N	o. of phases		No. of poles	Power (kl
AC-3		220 - 240		3		3	· ·
AC-3		380 - 440		3		3	5,5
AC-3		660 - 690		3		3	5,5
AC-23A		220 - 240		3		3	5,
AC-23A		380 - 440		3		3	7,
AC-23A		660 - 690		3		3	7,
Max Fuse Rating IEC Fuse characteristic					No. of Fu	200	Current (
gG					NO. OI FU	1	Current (.
UL60947-4-1 , UL508	•						·
	<u> </u>						
Nominal Voltage		1	/oltage (V) AC / D	^			
		•	600 AC	0			
Rated insulation voltage Ui							
		V	oltage (V) AC / D	С			
			600 AC				
Rated thermal current				Ambient tempera			
	Curr	rent (A)					
		25					
Horsepower rating Across-the-Line Motor Startin			Voltage (V)	No. of phases	No. of poles	Power (HP)	A makiama tamama watu wa [5
DOL	ig		110 - 120	No. or priases	No. of poles	Power (HP)	Ambient temperature [
DOL			220 - 240	1	2	3	
DOL			277 - 277	1	2	3	
DOL			415 - 415	1	2	5	
DOL			440 - 480	1	2	5	4
DOL			550 - 600	1	2	5	
			110 - 120	3	3	2	
DOL			200 - 240	3	3	7,50	
			200 - 240 415 - 415	3	3	10	4
DOL DOL DOL			200 - 240 415 - 415 440 - 480	3 3 3	3 3	10 15	
DOL DOL DOL DOL			200 - 240 415 - 415	3	3	10	2 2 2
DOL DOL DOL Pilot duty rating code			200 - 240 415 - 415 440 - 480	3 3 3	3 3	10 15	
DOL DOL DOL Pilot duty rating code Duty Code			200 - 240 415 - 415 440 - 480	3 3 3	3 3	10 15	
DOL DOL DOL Pilot duty rating code Duty Code A600			200 - 240 415 - 415 440 - 480	3 3 3	3 3	10 15	
DOL DOL DOL Pilot duty rating code			200 - 240 415 - 415 440 - 480	3 3 3	3 3	10 15	
DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability	se on circuits capable of deliver	ring not more than 10kA rms s	200 - 240 415 - 415 440 - 480 550 - 600	3 3 3 3	3 3 3	10 15 20	
DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for use Suitable for use on a circuit of	se on circuits capable of delive capable of delivering not more		200 - 240 415 - 415 440 - 480 550 - 600	3 3 3 3	3 3 3	10 15 20 by Type RK1 fuses.	
DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for use Suitable for use on a circuit of	capable of delivering not more	than 65000 rms symmetrical a	200 - 240 415 - 415 440 - 480 550 - 600	as, 600V ac max.	3 3 3 when protected I	10 15 20 by Type RK1 fuses.	
DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for use Suitable for use on a circuit of	capable of delivering not more  Temperature rati	than 65000 rms symmetrical a	200 - 240 415 - 415 440 - 480 550 - 600	as, 600V ac max.	3 3 3 when protected Ited by 40A Class	10 15 20 by Type RK1 fuses.	
DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for us Suitable for use on a circuit of Temp. rating of wire	capable of delivering not more  Temperature rati	than 65000 rms symmetrical a	200 - 240 415 - 415 440 - 480 550 - 600	as, 600V ac max.	3 3 3 when protected I	10 15 20 by Type RK1 fuses.	
DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for us Suitable for use on a circuit of Temp. rating of wire General Use	capable of delivering not more  Temperature rati	than 65000 rms symmetrical and (°C) 60 - 75	200 - 240 415 - 415 440 - 480 550 - 600 ymmetrical amper	es, 600V ac max.	3 3 3 when protected Ited by 40A Class	10 15 20 by Type RK1 fuses.	
DOL DOL DOL DOL Pilot duty rating code Duty Code A600 SCCR / Max. fuse rating Conditions of acceptability This device is suitable for us Suitable for use on a circuit of Temp. rating of wire  General Use	capable of delivering not more  Temperature rati	than 65000 rms symmetrical a	200 - 240 415 - 415 440 - 480 550 - 600	as, 600V ac max.  ax., when protec	3 3 3 when protected Ited by 40A Class	10 15 20 by Type RK1 fuses.	2



Voltage (V)	, ,	No. of phases					No. of contacts in series
600	25	3		3			1
e and position inc	dicating means to be u	sed with these manual m	otor controllers shou	ld be provided fro	m the manufacti	rer, or the operatin	g handle and position indicating means
	•						
se as a motor dis	sconnector the device	shall be provided with a m	ethod of being locke	d in the OFF-positi	on.		
				С			
			600 AC				
age Ui			1/-1 (1) 40 (5)	0			
				C			
t			000 AC				
	Currei	nt (A)		Ambient temperat	ture (°C) Additio	nal Text	
		25			0 - 40		
- Otti			1/-/ (1/)	No of the con-	No of molec	D(UD)	A
r Starting						, ,	Ambient temperature [°C <sub>j</sub> 40
							40
			277 - 277	1	2	3	40
			415 - 415	1	2	5	40
			440 - 480	1	2	5	40
			550 - 600	1			40
							40
							40
			440 - 480	3	3	15	40
			550 - 600	3	3	20	40
9							
	Temperature rating	7 (°C)		Cui	rrent (Δ) Text		
	remperature rating			Our			
		·					
Voltage (V)	Current (A)	No. of phases	•				No. of contacts in series
277	25	1					1
							1
	-	ა		<u> </u>			ı
	RMATION						
screws		tightoning	torque (Nm)				tightening torque (lb-in)
		tigriteriing					tightening torque (ib-in)
			-,				•
			9 STRIP	PINGLENGTH			
					0	(2)	
ictor	Min. /	Max. value	No. of co	nductor per termin		n (mm²) or	Material of the wire
	Max.				1 AWG 10		Copper
	Max.				1 4mm <sup>2</sup>		Copper
ed wire	Max.				1 6mm <sup>2</sup>		Copper
							Copper
ve	iviax.				1 40001		Copper
							Marking
							-
							rnr
							thi thi
							EAC
							thi C E
							C€
							C€
							C E
							C E
							C€
							C E
							<b>€</b>
v driver							<b>€</b>
v driver			Value				C E
			PH2				C E
v driver	4						C E
	4		PH2				C E
	e and position inche been previous se as a motor discrete	e and position indicating means to be universe been previously evaluated in combinate as a motor disconnector the device of the	and position indicating means to be used with these manual make been previously evaluated in combination with the manual make as a motor disconnector the device shall be provided with a manual make as a motor disconnector the device shall be provided with a manual make as a motor disconnector the device shall be provided with a manual make as a motor disconnector the device shall be provided with a manual make as a motor disconnector the device shall be provided with a manual make as a motor disconnector the device shall be provided with a manual make as a motor disconnector the device shall be provided with a manual manual manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a manual materials as a motor disconnector the device shall be provided with a motor disconnector the device shall be provided with a motor disconnector the device shall be provided wi	e and position indicating means to be used with these manual motor controllers should be provided with a method of being locked with a method of being locke	and position indicating means to be used with these manual motor controllers should be provided from the been previously evaluated in combination with the manual motor controllers.  See as a motor disconnector the device shall be provided with a method of being locked in the OFF-position of the provided with a method of being locked in the OFF-position of the device shall be provided with a method of being locked in the OFF-position of the device shall be provided with a method of being locked in the OFF-position of the device shall be provided with a method of being locked in the OFF-position of th	and position indicating means to be used with these manual motor controllers should be provided from the manufacture been previously evaluated in combination with the manual motor controllers.  se as a motor disconnector the device shall be provided with a method of being locked in the OFF-position.    Voltage (V)   AC / DC	e and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operatin we been previously evaluated in combination with the manual motor controllers.  ### Voltage (V) AC / DC 600 AC



#### 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

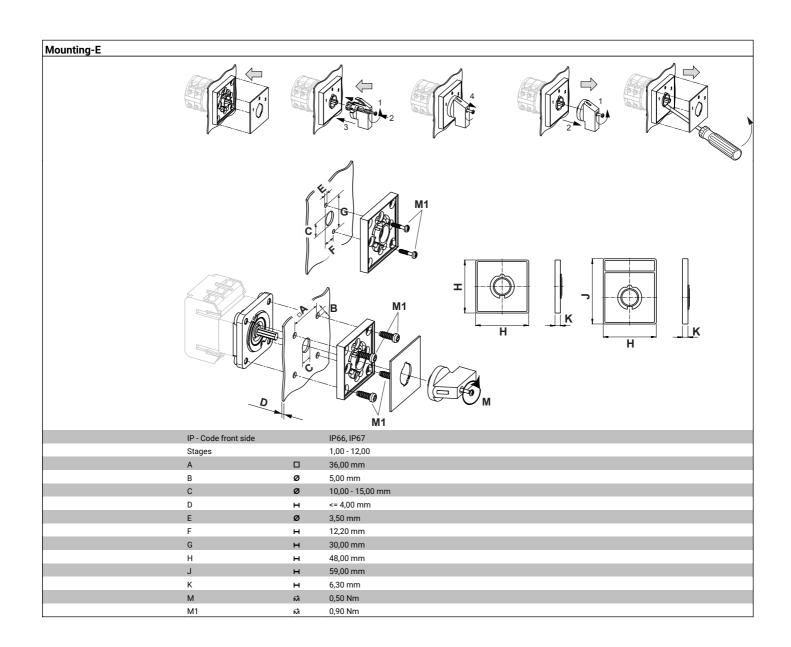
Description

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





# Wiring diagram KG20A.T303.E

L1 L2 L3
T1 T2 T3

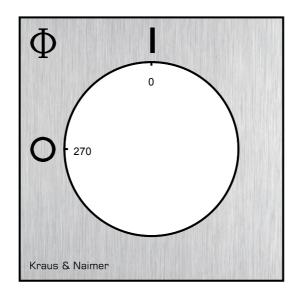


## **Switch program** KG20A.T303.E

$\mathbf{\Lambda}_{L}$								
Mraus & N	KG2	20A	T303			Page	1 of 1	
Face Plate								
1	L1 1	L2 3	L3 5	7	9	11	13	15
0 270 90 -	\'	\	\					
Switching Angle 90  Total switching Angle 90	2 T1	4 T2	6 T3	8	10	12	14	16
	270	14	13					
1	0							
	90							
				1				
1	180							
				1				



# Face plate S0.F456/A10.E1LH





# A 36,00 mm B Ø 5,00 mm C Ø 8,00 - 19,00 mm D H <= 4,00 mm H Ø 3,00 - 7,00 mm

#### **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