



Sample image

Datasheet

Article number: 70008617

Designation: KG10A.T103/04.E

Description: Switch Global Disconnect

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			
20	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-15			220 - 240		6	
AC-15			380 - 440		4	
Rated operational power						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	2,20		
AC-3	380 - 440	3	3	3,70		
AC-3	660 - 690	3	3	3,70		
AC-3	220 - 240	1	2	1,10		
AC-3	380 - 440	1	2	1,50		
AC-23A	220 - 240	3	3	3		
AC-23A	380 - 440	3	3	5,50		
AC-23A	660 - 690	3	3	5,50		
AC-23A	220 - 240	1	2	1,50		
AC-23A	380 - 440	1	2	2,20		
Max Fuse Rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		20	
UL60947-4-1 , UL508						
Nominal Voltage						
Voltage (V) AC / DC						
300 AC						
Rated insulation voltage Ui						
Voltage (V) AC / DC						
300 AC						
Rated thermal current						
Current (A)		Ambient temperature (°C)		Additional Text		
20		0 - 40		–		
Horsepower rating						
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 220	1	2	0,50	40
DOL		220 - 240	1	2	1	40
DOL		277 - 277	1	2	1	40
DOL		110 - 120	3	3	1	40
DOL		220 - 240	3	3	2	40
Pilot duty rating code						
Duty Code						
A300						
SCCR / Max. fuse rating						
Conditions of acceptability						
These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses.						
Temp. rating of wire						
Temperature rating (°C)		Current (A)		Text		
60 - 75				– Use copper wire only		
Connecting instructions						
Markings						
Break all lines.						
For use on a flat surface of a type 1 enclosure.						
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	20	1	1	1	

General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	300	20	1	2	1	
AC	300	20	1	2	1	
AC	300	20	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	
				300	AC	
Rated insulation voltage Ui						
				Voltage (V)	AC / DC	
				300	AC	
Rated thermal current						
		Current (A)	Ambient temperature (°C)		Additional Text	
		20	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting				Voltage (V)	No. of phases	No. of poles
				110 - 220	1	2
DOL				220 - 240	1	2
DOL				277 - 277	1	2
DOL				110 - 120	3	3
DOL				220 - 240	3	3
						</

General Information

Text

- 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.
- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.

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



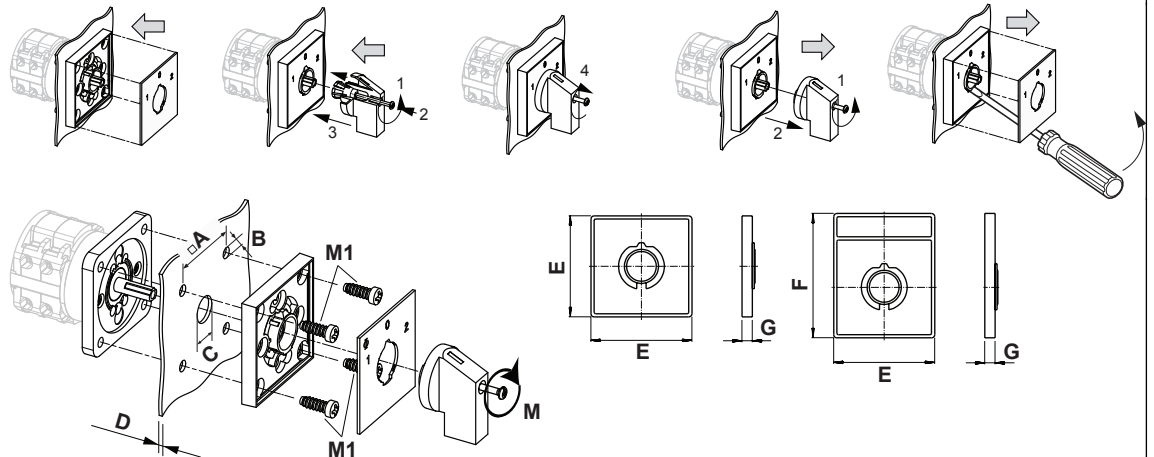
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

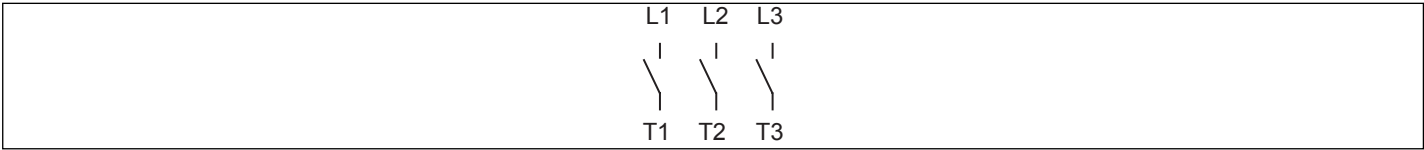
Mounting-E



IP - Code front side		IP66, IP67
Stages		1,00 - 12,00
A	□	36,00 mm
B	∅	5,00 mm
C	∅	11,00 - 15,00 mm
D	H	<= 4,00 mm
E	∅	48,00 mm
F	H	59,00 mm
G	H	6,30 mm
M	↺	0,50 Nm
M1	↺	0,90 Nm

Wiring diagram

KG10A.T303.E



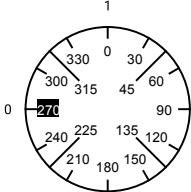
Switch program

KG10A.T303.E



Kraus & Naimer

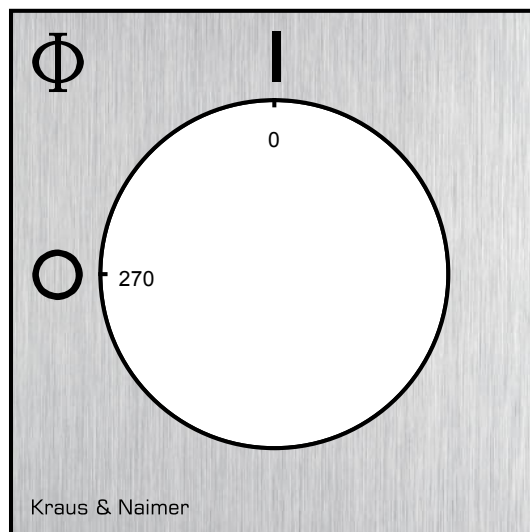
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Face Plate														
		T3	T1		T2									
		1	3	5	7	9	11	13	15	17	19	21	23	
		Marking plate: S0D H043 51A 												
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16	18	20	22	24	
		L3	L1		L2									
0	270													
	285													
	300													
	315													
	330													
	345													
	1	0												
		15												
		30												
		45												
		60												
		75												
		90												
		105												
		120												
		135												
		150												
		165												
		180												
		195												
210														
225														
240														
255														

Version: 2

Face plate

S0.F456/A10.E1LH



PADLOCK DEVICE

Designation: S0.V845/A11/A11

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: "1" for C-switches and for KG10.

