

Sample image

Datasheet

Article number: 70010872

Designation: KG250.T103/05.E

Description: Switch Global Disconnecter

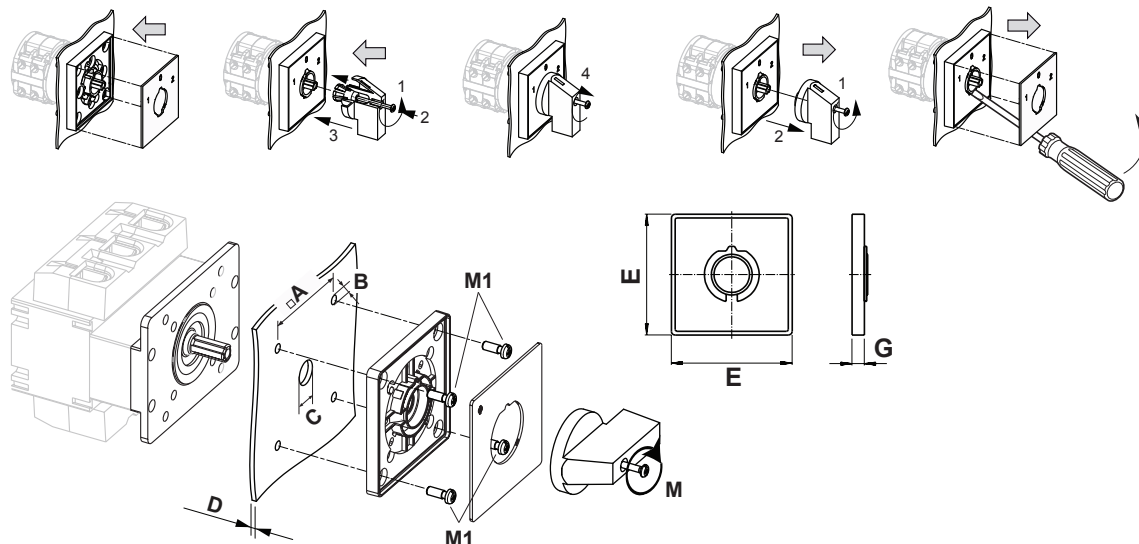
IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Rated insulation voltage Ui						
Voltage (V) AC / DC 1000 AC						
Rated uninterrupted current Iu/Ith						
Current (A) 250	Ambient temperature (°C) 50	Peak temperature (°C) 55	additional requirements Ambient temperature +50°C during 24 hours with peaks up to +55°C			
Rated operational power						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	37		
AC-3	380 - 440	3	3	55		
AC-3	660 - 690	3	3	40		
AC-23A	220 - 240	3	3	37		
AC-23A	380 - 440	3	3	90		
AC-23A	660 - 690	3	3	45		
Max Fuse Rating IEC						
Fuse characteristic gG	No. of Fuses 1			Current (A) 250		
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) 250	Ambient temperature (°C) 0 - 40		Additional Text --			
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	15	40	
DOL	220 - 240	1	2	30	40	
DOL	277 - 277	1	2	30	40	
DOL	440 - 480	1	2	45	40	
DOL	550 - 600	1	2	50	40	
DOL	110 - 120	3	3	30	40	
DOL	220 - 240	3	3	60	40	
DOL	440 - 480	3	3	75	40	
DOL	550 - 600	3	3	75	40	
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 400A Class J fuses.						
Temp. rating of wire						
Temperature rating (°C) 75		Current (A) Text -- --				
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	250	1	1	1	
AC	600	250	1	2	1	
AC	600	250	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.						
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		
250		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	15	40
DOL		220 - 240	1	2	30	40
DOL		277 - 277	1	2	30	40
DOL		440 - 480	1	2	45	40
DOL		550 - 600	1	2	50	40
DOL		110 - 120	3	3	30	40
DOL		220 - 240	3	3	60	40
DOL		440 - 480	3	3	75	40
DOL		550 - 600	3	3	75	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	250	1	1	1	
AC	600	250	1	2	1	
AC	600	250	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		16mm²	Copper	
flexible wire	Max.	1		MCM 300	Copper	
flexible wire	Max.	1		150mm²	Copper	
flexible wire	Min.	1		25mm²	Copper	
Single-core or stranded wire	Max.	1		185mm²	Copper	
Single-core or stranded wire	Max.	1		MCM 350	Copper	
flexible wire with sleeve	Max.	1		120mm²	Copper	
flexible wire with ferrule according to DIN 46228	Min.	1		16mm²	Copper	
Stripping length						
Length (mm) --						
						
Recommended screw driver						
Type of screw driver	Value					
Hex key	6					
Tightening torque of screws						
tightening torque (Nm)			tightening torque (lb-in)			
16			140			
Approbations						
Specification				Marking		
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
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

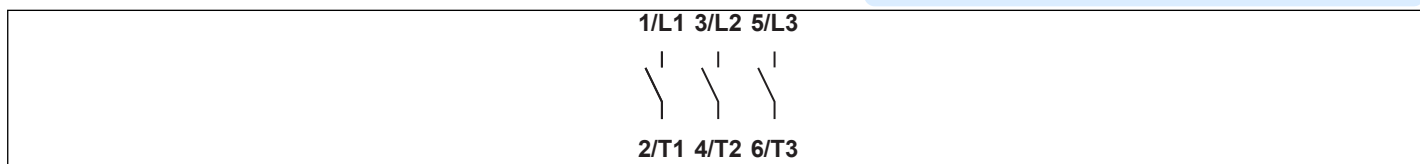
Mounting-E



IP - Code front side		IP66, IP67
Stages		1,00 - 5,00
A	□	68,00 mm
B	∅	6,00 mm
C	∅	13,00 - 17,00 mm
D	H	<= 5,50 mm
E	H	88,00 mm
G	H	8,50 mm
M	M̃	1,20 Nm
M1	M̃	1,50 Nm

Wiring diagram

KG250.T303.E



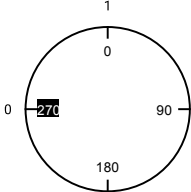
Switch program

KG250.T303.E



Kraus & Naimer

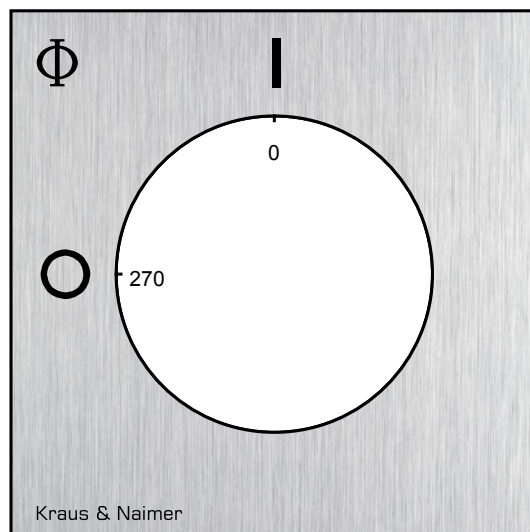
KG250
T303
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Face Plate									
	1	1/L1 1	3/L2 3	5/L3 5	7	9	11	13	15
	0								
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		2/T1	4/T2	6/T3					
0	270								
1	0								
	90								
	180								

Version: 84

Face plate

S1.F456/A10.M1H



PADLOCK DEVICE

Designation: S2.V845/A11/A12

Face plate and handle unit: "A" face plate/alu, frame/black, handle/black, locking push rod/red

Locking position: "1" at 270°+90° - knockouts every 45°

Angular displacement: "1" 1 x 90°

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

Type of version: "1" for same switch size

Switch type: "2" for KA-, KG- and KH(R)-switches

