



Sample image

Datasheet

Article number: 70019117

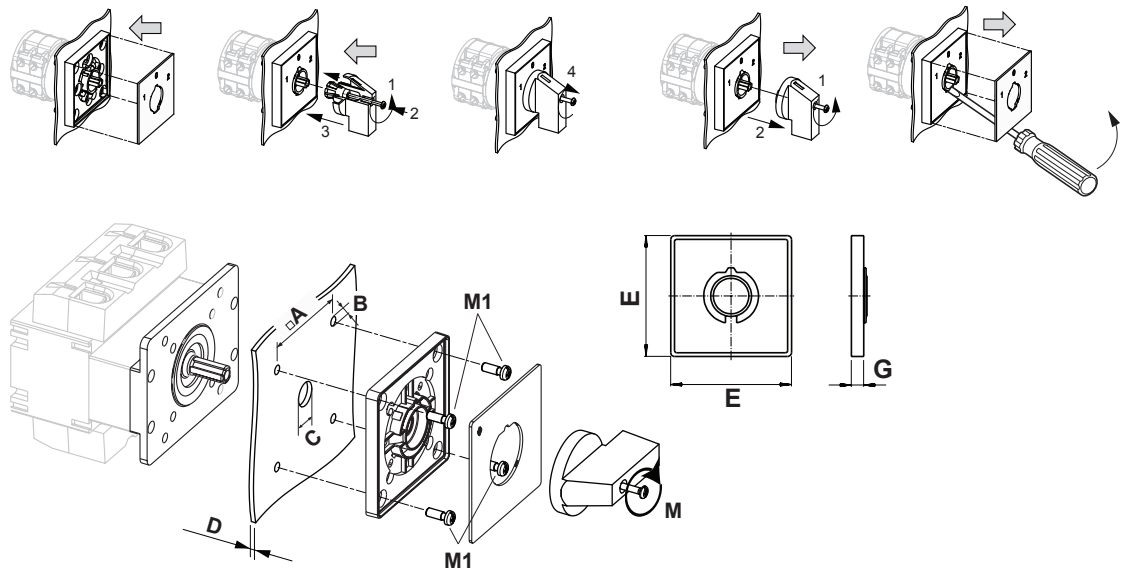
Designation: KG250.T104/05.E

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)		Ambient temperature (°C)		Peak temperature (°C)		additional requirements
250		50		55		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
AC-3		220 - 240		3		3
AC-3		380 - 440		3		3
AC-3		660 - 690		3		3
AC-23A		220 - 240		3		3
AC-23A		380 - 440		3		3
AC-23A		660 - 690		3		3
Max. Fuse rating IEC						
Fuse characteristic				No. of Fuses		Current (A)
gG				1		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)		Ambient temperature (°C)		Additional Text
		250		0 - 40		--
Horsepower rating						
Across-the-Line Motor Starting		Voltage (V)		No. of phases		No. of poles
DOL		110 - 120		1		2
DOL		220 - 240		1		2
DOL		277 - 277		1		2
DOL		440 - 480		1		2
DOL		550 - 600		1		2
DOL		110 - 120		3		3
DOL		220 - 240		3		3
DOL		440 - 480		3		3
DOL		550 - 600		3		3
SCCR / Max. fuse rating						
<i>Conditions of acceptability</i>						
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)		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 Information						
<i>Text</i>						
- 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 (mm ²) or (AWG/kcmil)		Material of the wire	
Solid wire	Min.	1	16mm ²		Copper	
Flexible wire	Max.	1	MCM 300		Copper	
Flexible wire	Max.	1	150mm ²		Copper	
Flexible wire	Min.	1	25mm ²		Copper	
Single-core or stranded wire	Max.	1	185mm ²		Copper	
Single-core or stranded wire	Max.	1	MCM 350		Copper	
Flexible wire with sleeve	Max.	1	120mm ²		Copper	
Flexible wire with ferrule according to DIN 46228	Min.	1	16mm ²		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					
CE marking						
UK Directives						
CSA C.22.2 No.14						
General Information						
Text	<p>- Alleen koperleidingen met of zonder vertinde/verzilverde draden (per draad) gebruiken. Het nadien vertinnen van de uiteinden is niet toegestaan.</p> <p>- 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.</p> <p>- After wiring, ALL terminal screws must be tightened to the specified torque values.</p> <p>- Het gebruik van een extra apparaat kan de beschermingsklasse van de gekozen bouwvorm beïnvloeden.</p> <p>- Do not lubricate or treat contacts.</p> <p>- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.</p>					
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

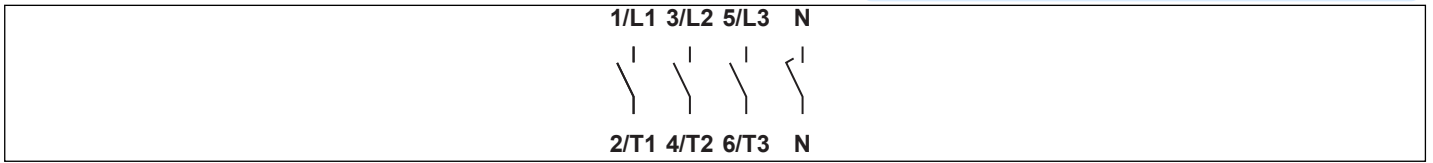


IP - Code front side	IP66, IP67
Stages	1,00 - 5,00
A	□ 68,00 mm
B	∅ 6,00 mm
C	∅ 13,00 - 17,00 mm
D	H ≤ 5,50 mm
E	H 88,00 mm
G	H 8,50 mm
M	↺ 1,20 Nm
M1	↺ 1,50 Nm

Montageplaten moeten worden gemonteerd met M5 x 25 mm cilinderkopschroeven of ovaalkopschroeven, ringen en moeren. Houd er rekening mee dat deze componenten niet bij de levering zijn inbegrepen.


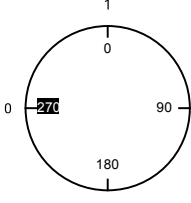
Wiring diagram

KG250.T304.E



Switch program

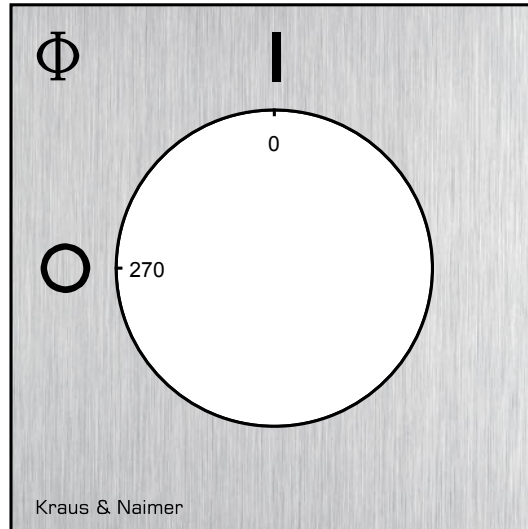
KG250.T304.E

 Kraus & Naimer		KG250		T304		Page 1 of 1			
		Face Plate		1/L1	3/L2	5/L3	N	9	11
		1	3	5	7	9	11	13	15
Switching Angle <input type="text" value="90"/> Total switching Angle <input type="text" value="90"/>		2	4	6	8	10	12	14	16
		2/T1	4/T2	6/T3	N				
0	<input checked="" type="checkbox"/>								
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
	<input type="checkbox"/>								
	<input type="checkbox"/>								
90	<input type="checkbox"/>								
	<input type="checkbox"/>								
	<input type="checkbox"/>								
180	<input type="checkbox"/>								
	<input type="checkbox"/>								
	<input type="checkbox"/>								

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

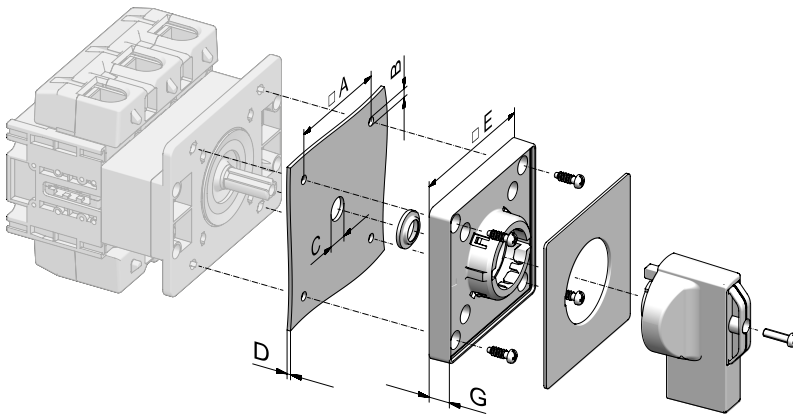
Locking position: "1" at 270°+90° - knockouts every 45°

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



A	□	68,00 mm	B	∅	6,00 mm	C	∅	13,00 - 19,00 mm
D(max)	H	<= 5,50 mm	E	H	88,00 mm	G	H	11,80 mm
H	∅	4,00 - 8,00 mm	M	↺	1,20 Nm			

PROTECTIVE COVER

for KA40-KA63BT, KG20-KG317, KH(R)32-KH(R)80 and KH85

Designation: K3.M160/40

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

Switch type: "0" for KG210, KG212, KG250, KG252, KG315 and KG317

