



Sample image

Datasheet

Article number: 70011009

Designation: KG10A.T102/04.FT2

Description: Switch Global Disconnector

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Märkdriftspänning Ui					
Spänning (V) AC / DC					
690 AC					
Märkdriftström vid konstant drift					
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav			
20	50	55 Omginingstemperatur +50°C under 24 timmar med toppar upp till +55°C			
Märkdriftström Ie					
Urvals kriterie		Spänning (V)			Ström (A)
AC-15		220 - 240			6
AC-15		380 - 440			4
Märkdrifteffekt					
Urvals kriterie	Spänning (V)	No. of phases	No. of poles	Effekt (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 försäkring, IEC					
Säkringskaraktéristik			Antal säkringar		Ström (A)
gG			1		20
UL60947-4-1 , UL508					
Nominal Voltage					
Spänning (V) AC / DC					
300 AC					
Märkdriftspänning Ui					
Spänning (V) AC / DC					
300 AC					
Rated thermal current					
Ström (A)		Omgivningstemperatur (°C) Additional Text			
20		0 - 40 --			
Horsepower rating					
Across-the-Line Motor Starting		Spänning (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)		Ström (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	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	277	20	1	1	

General Use						
AC / DC	Spänning (V)	Ström (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.						
- När brytaren används som säkerhetsbrytare skall den vara utrustad med vred som är låsbart i läge "0".						
CSA						
Nominal Voltage						
			Spänning (V) AC / DC			
			300 AC			
Märkdriftspänning Ui						
			Spänning (V) AC / DC			
			300 AC			
Rated thermal current						
		Ström (A)	Omgivningstemperatur (°C)		Additional Text	
		20	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting			Spänning (V)	No. of phases	No. of poles	Power (HP)
DOL			110 - 220	1	2	0,50
DOL			220 - 240	1	2	1
DOL			277 - 277	1	2	1
DOL			110 - 120	3	3	1
DOL			220 - 240	3	3	2
Pilot duty rating code						
Duty Code						
A300						
Temp. rating of wire						
			Temperature rating (°C)	Ström (A) Text		
			75	-- --		
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	20	1	1	1	
AC	277	20	3	3	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			0,60		5	
Stripping length						
			Length (mm) --			
			8 STRIPPINGLENGTH			
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	0,5mm²		Copper
solid wire		Min.	2	0,5mm²		Copper
flexible wire		Min.	1	0,75mm²		Copper
flexible wire		Min.	2	0,75mm²		Copper
flexible wire		Max.	1	AWG 12		Copper
flexible wire		Max.	1	2,5mm²		Copper
Single-core or stranded wire		Max.	1	AWG 12		Copper
Single-core or stranded wire		Max.	1	2,5mm²		Copper
flexible wire with ferrule according to DIN 46228		Max.	1	2,5mm²		Copper
flexible wire with ferrule according to DIN 46228		Min.	1	0,5mm²		Copper
flexible wire with ferrule according to DIN 46228		Min.	2	0,5mm²		Copper
Approbations						
Specification					Marking	
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Rekomenderad skruvmejsel						
Typ av skruvmejsel			Value			
Stjärnskruvmejsel			PH1			
Slot screwdriver according to DIN 5264			0,8x4			
General Information						
Text						
- Smörjning och behandling av kontakterna är förbjuden.						

General Information

Text

- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.
- Alla anslutningsskruvar måste dras med rekommenderat moment, även de som inte används då det kan finnas interna överkopplingar.
- Vid installation av strömställaren skall kontrolleras att kryp- och luftavstånd motsvarar gällande föreskrifter.

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



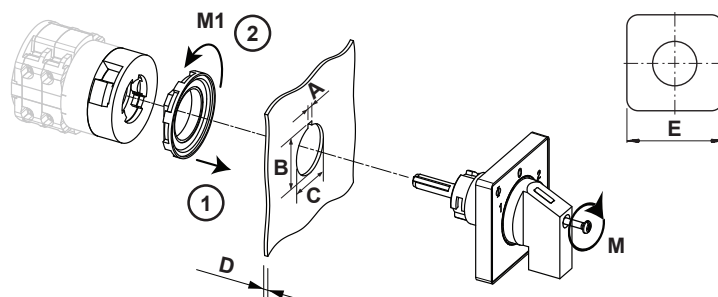
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-FT2



Skyddsklass frontpanel, IP IP66, IP67, IP69k

Stages 1,00 - 12,00

A H 3,20 mm

A+_tol. H 0,20 mm

A-_tol. H 0,00 mm

B H 24,10 mm

B+_tol. H 0,40 mm

B-_tol. H 0,00 mm

C Ø 22,30 mm

C+_tol. Ø 0,40 mm

C-_tol. Ø 0,00 mm

D H ≤ 6,00 mm

E □ 48,00 mm

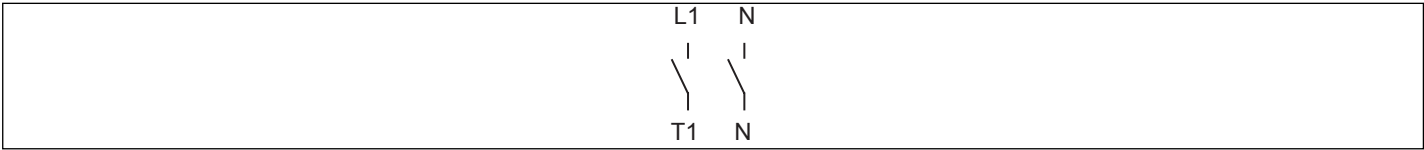
M ⚙ 0,50 Nm

M1 ⚙ 1,80 Nm



Wiring diagram

KG10A.T302.FT2



Switch program

KG10A.T302.FT2



Kraus & Naimer

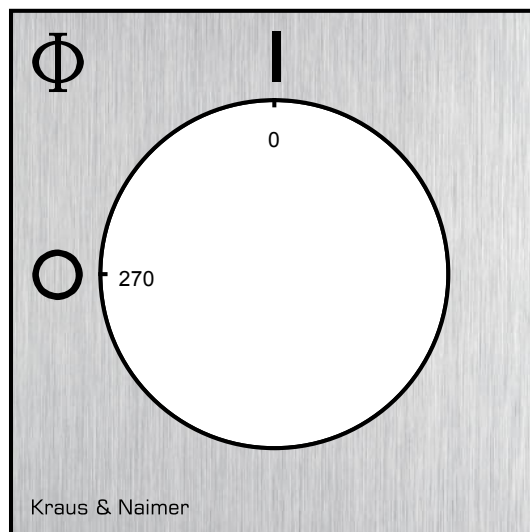
KG10A
T302E
Page 1 of 1

Face Plate														
	N	T1												
	1	3	5	7	9	11	13	15	17	19	21	23		
			Marking plate: S0D H043 51F											
														
Switching Angle	90		2	4	6	8	10	12	14	16	18	20	22	24
Total switching Angle	90		N	L1										
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



Designation: S0.V845/A11/D11

Angular displacement: "1" 1 x 90°

Type of version: "1" for same switch size

A	H	3,20 mm	A+_tol.	H	0,20 mm	A-_tol.	H	0,00 mm
B	H	24,10 mm	B+_tol.	H	0,40 mm	B-_tol.	H	0,00 mm
C	Ø	22,30 mm	C+_tol.	Ø	0,40 mm	C-_tol.	Ø	0,00 mm
H	Ø	3,00 - 7,00 mm	M1	↺	1,80 Nm			

A	H	3,20 mm	A+.tol.	H	0,20 mm	A-.tol.	H	0,00 mm
B	H	24,10 mm	B+.tol.	H	0,40 mm	B-.tol.	H	0,00 mm
C	Ø	22,30 mm	C+.tol.	Ø	0,40 mm	C-.tol.	Ø	0,00 mm
H	Ø	3,00 - 7,00 mm	M1	↺	1,80 Nm			