Kraus & Naimer

Sample image

Datasheet

Article number: 70019686
Designation: KG10A.T102/04.E
Description: Switch Global Disconnector

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Tension assignée d'isolement Ui

Tension (V)	*AC / DC*
690	AC

Courant Ininterrompu et thermique conventionnel Iu/Ith

Intensité (A)	*Température Ambiante (°)*	*Témpérature Maxi (°)*	*Spécification complémentaire*
20	50	55	Température ambiante +50°C durant 24 heures avec point à +55°C

Courant assigné d'emploi Ie

Catégorie d'emploi	*Tension (V)*	*Intensité (A)*
AC-15	220 - 240	6
AC-15	380 - 440	4

Puissance assignée d'emploi

Catégorie d'emploi	*Tension (V)*	*Nb de phases*	*Nb de pôles*	*Puissance (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

Protection par fusible (IEC)

Caractéri	*Nombre de fusible*	*Intensité (A)*
gG	1	20

UL60947-4-1 , UL508

Nominal Voltage

Tension (V)	*AC / DC*
300	AC

Tension assignée d'isolement Ui

Tension (V)	*AC / DC*
300	AC

Rated thermal current

Intensité (A)	*Température Ambiante (°)*	*Additional Text*
20	0 - 40	--

Horsepower rating

Across-the-Line Motor Starting	*Tension (V)*	*Nb de phases*	*Nb de pôles*	*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)	*Intensité (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	*Tension (V)*	*Intensité (A)*	*Nb de phases*	*Nb de pôles*	*No. of contacts in series*
AC	277	20	1	1	1

Kraus & Naimer

General Use

AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	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 disconnector the device shall be provided with a method of being locked in the OFF-position.

CSA

Nominal Voltage

Tension (V)	AC / DC
300	AC

Tension assignée d'isolement Ui

Tension (V)	AC / DC
300	AC

Rated thermal current

Intensité (A)	Température Ambiante (°)	Additional Text
20	0 - 40	--

Horsepower rating

Across-the-Line Motor Starting	Tension (V)	Nb de phases	Nb de pôles	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

Temp. rating of wire

Temperature rating (°C)	Intensité (A)	Text
75	--	--

General Use

AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	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	

Recommandations concernant le tournevis

Type	Value
Tournevis cruciforme	PH1
Slot screwdriver according to DIN 5264	0,8x4

General Information

Text

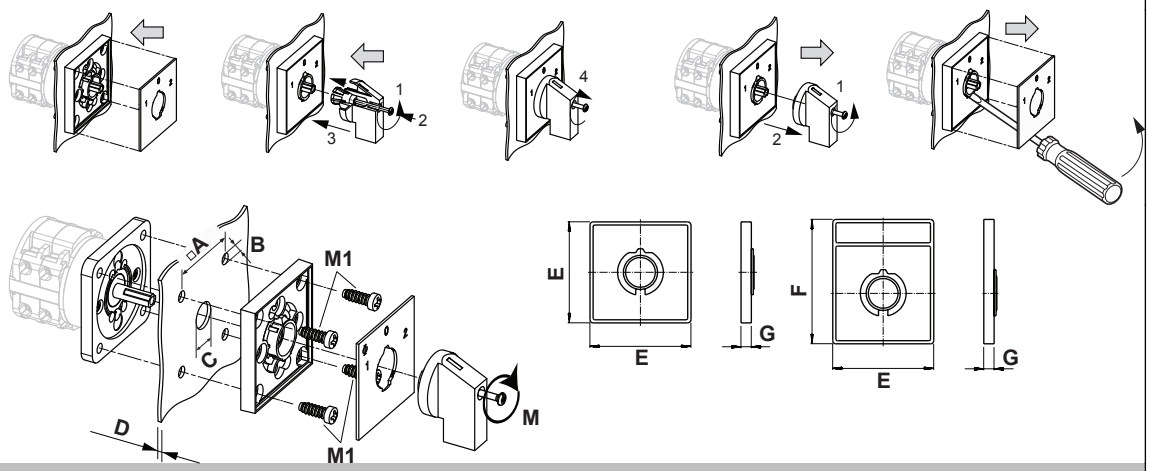
- Ne jamais lubrifier ou traiter les contacts.

Kraus & Naimer

General Information	
Text	
- Les commutateurs ne peuvent être montés, branchés et mis en service que par une personne qualifiée selon les règles techniques en vigueur.	
- Use copper wire only. Do not coat the wire end with tin.	
- Les bornes qui ne sont pas supposées être utilisées pour le raccordement del'appareil sont livrées serrées et ne doivent pas être desserrées. Si toutefois ces bornes sont malgré tout ouvertes accidentellement, verifier qu'aucun shunt n'est manquant. Le câblage terminé, s'assurer que toutes les bornes sont serrées.	
- Après mise en place des les commutateurs l'espace entre bor nes doit être suffisant pour répondre aux exigences des normes en vigueur.	
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.

Type de contacts: Rigid contact bridge
Revêtement des Contacts: Silver
Types de raccordement: Screw terminal

Fixation-E

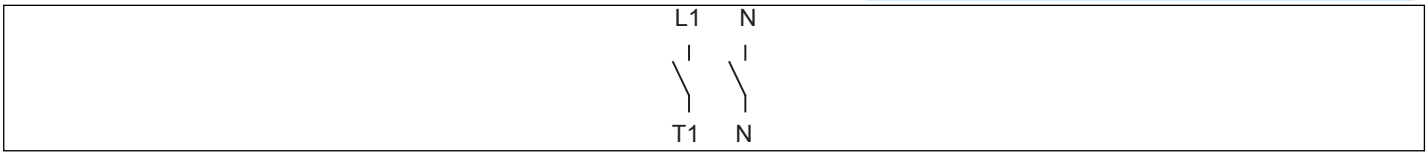


IP - Code front side		IP66, IP67
Stages		1,00 - 12,00
A	□	36,00 mm
B	⌀	5,00 mm
C	⌀	11,00 - 15,00 mm
D	H	<= 4,00 mm
E	⌀	48,00 mm
F	H	59,00 mm
G	H	6,30 mm
M	M	0,50 Nm
M1	M	0,90 Nm

Kraus & Naimer

Wiring diagram

KG10A.T302.E



Kraus & Naimer

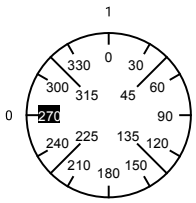
Switch program

KG10A.T302.E

Kraus & Naimer

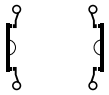
KG10A	T302E	Page 1 of 1

Face Plate



	N	T1										
	1	3	5	7	9	11	13	15	17	19	21	23

Marking plate:S0D H043 51F



Switching Angle 90
Total switching Angle 90

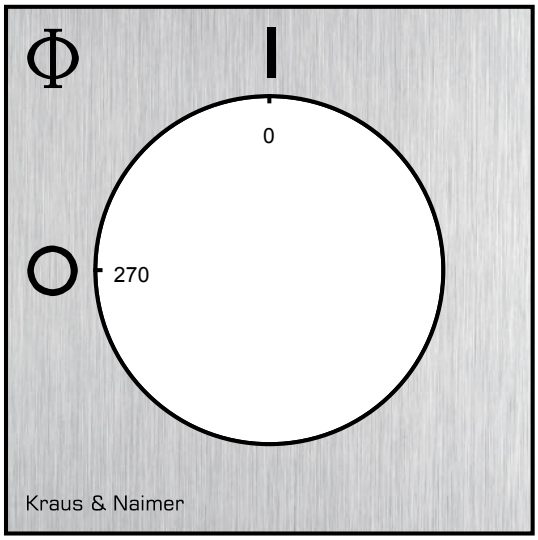
		2	4	6	8	10	12	14	16	18	20	22	24
		N	L1										
0	270												
	285												
	300												
	315												
	330												
	345												
1	0	■	■										
	15												
	30												
	45												
	60												
	75												
	90												
	105												
	120												
	135												
	150												
	165												
	180												
	195												
	210												
	225												
	240												
	255												

Version: 2

Kraus & Naimer

Face plate

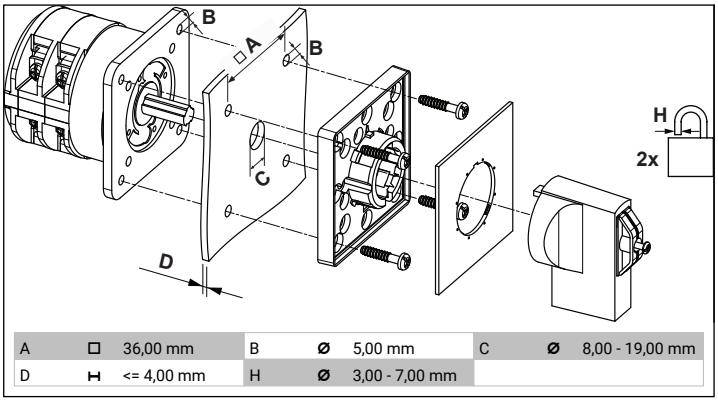
S0.F456/A10.E1LH



Kraus & Naimer

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.



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