Kraus & Naimer

Sample image

Datasheet

Article number: 70010303
Designation: KG125.T204/01.E
Description: Switch Global Disconnector

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

Tension assignée d'isolement Ui

Tension (V)	*AC / DC*
1000	AC

Courant Ininterrompu et thermique conventionnel Iu/Ith

Intensité (A)	*Température Ambiante (°)*	*Température Maxi (°)*	*Spécification complémentaire*
125	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-32A	20 - 400	125

Puissance assignée d'emploi

Catégorie d'emploi	*Tension (V)*	*Nb de phases*	*Nb de pôles*	*Puissance (kW)*
AC-3	220 - 240	3	3	22
AC-3	380 - 440	3	3	37
AC-3	660 - 690	3	3	30
AC-23A	220 - 240	3	3	30
AC-23A	380 - 440	3	3	45
AC-23A	660 - 690	3	3	37

Protection par fusible (IEC)

Caractéri	*Nombre de fusible*	*Intensité (A)*
gG	1	125

UL60947-4-1 , UL508

Nominal Voltage

Tension (V)	*AC / DC*
600	AC

Tension assignée d'isolement Ui

Tension (V)	*AC / DC*
600	AC

Rated thermal current

Intensité (A)	*Température Ambiante (°)*	*Additional Text*
150	0 - 40	ON-OFF switch (Valid when connected with wire rated for 75°C)
125	0 - 40	Change over switch (Valid when connected with wire rated for 75°C)

Horsepower rating

Across-the-Line Motor Starting	*Tension (V)*	*Nb de phases*	*Nb de pôles*	*Power (HP)*	*Ambient temperature [°C]*
DOL	110 - 120	1	2	7,50	40
DOL	220 - 240	1	2	20	40
DOL	277 - 277	1	2	20	40
DOL	440 - 480	1	2	35	40
DOL	550 - 600	1	2	35	40
DOL	110 - 120	3	3	15	40
DOL	220 - 240	3	3	30	40
DOL	440 - 480	3	3	60	40
DOL	550 - 600	3	3	60	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 300A Class J fuses.

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	125	1	1	1
AC	277	150	1	1	1
AC	600	150	1	2	1
AC	600	150	3	3	1
AC double-throw function	600	125	1	2	1
AC double-throw function	600	125	3	3	1

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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

Tension (V)	*AC / DC*
600	AC

Tension assignée d'isolement Ui

Tension (V)	*AC / DC*
600	AC

Rated thermal current

Intensité (A)	*Température Ambiante (°)*	*Additional Text*
150	0 - 40	--

Horsepower rating

Across-the-Line Motor Starting	*Tension (V)*	*Nb de phases*	*Nb de pôles*	*Power (HP)*	*Ambient temperature [°C]*
DOL	110 - 120	1	2	7,50	40
DOL	220 - 240	1	2	20	40
DOL	277 - 277	1	2	20	40
DOL	440 - 480	1	2	35	40
DOL	550 - 600	1	2	35	40
DOL	110 - 120	3	3	15	40
DOL	220 - 240	3	3	30	40
DOL	440 - 480	3	3	60	40
DOL	550 - 600	3	3	60	40

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	150	1	1	1
AC	600	150	1	2	1
AC	600	150	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	6mm²	Copper
flexible wire	Max.	1	70mm²	Copper
flexible wire	Min.	1	16mm²	Copper
flexible wire	Max.	1	AWG 2/0	Copper
Single-core or stranded wire	Max.	1	95mm²	Copper
Single-core or stranded wire	Max.	1	AWG 3/0	Copper
flexible wire with sleeve	Max.	1	70mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	10mm²	Copper

Stripping length

Length (mm)	*--*
18	

Recommandations concernant le tournevis

Type	*Value*
Clé Allen	5

Tightening torque of screws

tightening torque (Nm)	*tightening torque (lb-in)*
14	125

Approbations

Specification	*Marking*
EAC	
CE marking	
UK Directives	
CSA C.22.2 No.14	
GB/T14048.3	

General Information

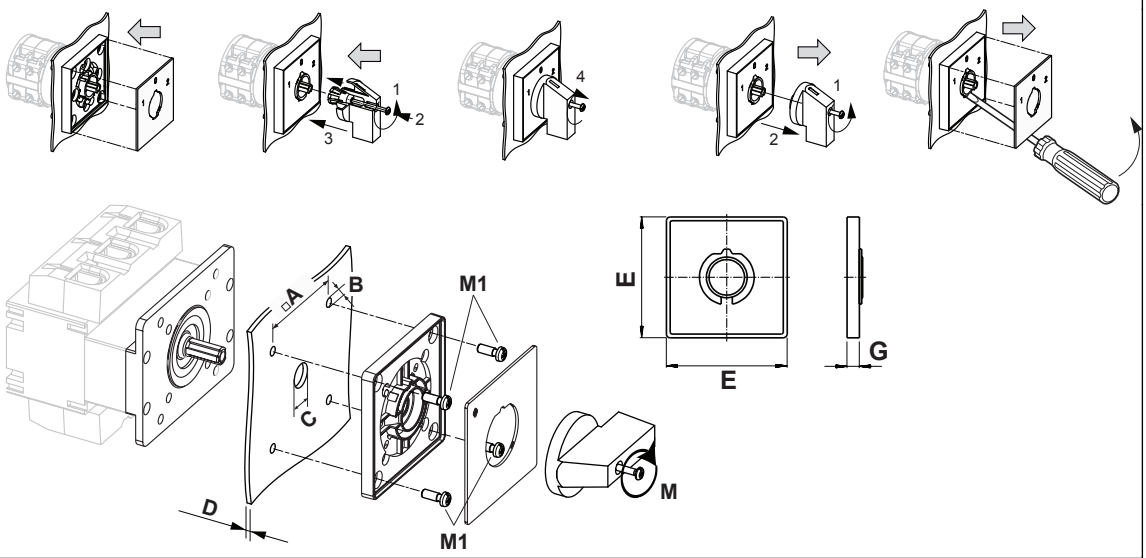
Text

- EMC Note: This device is suitable for use in environment A and B.
- Ne jamais lubrifier ou traiter les contacts.
- 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.

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	□	68,00 mm
B	Ø	6,00 mm
C	Ø	13,00 - 17,00 mm
D	H	<= 5,50 mm
E	H	88,00 mm
G	H	8,50 mm
M	M	1,20 Nm
M1	M	1,50 Nm

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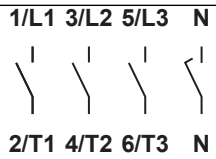
Wiring diagram

KG125.T304.E



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Switch program

KG125.T304.E

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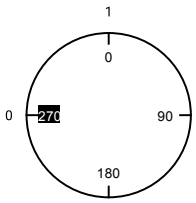
Face Plate



Switching Angle 90
Total switching Angle 90

	1/L1	3/L2	5/L3	N				
	1	3	5	7	9	11	13	15
	2	4	6	8	10	12	14	16
	2/T1	4/T2	6/T3	N				
0	270							
1	0	■	■	■	■				
	90							
	180							

Version: 84

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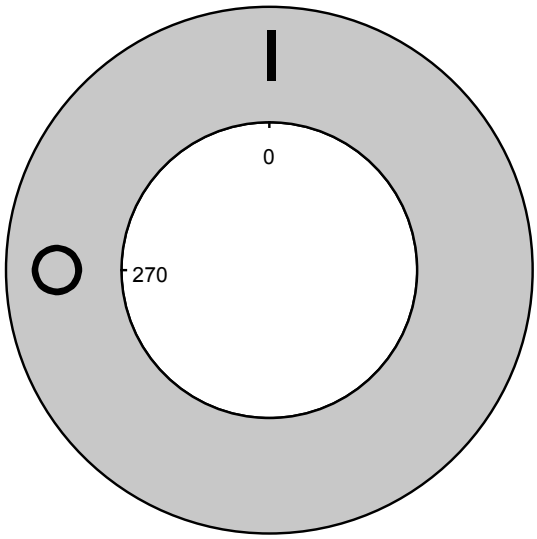
Face plate

S2.F456/C10.V11

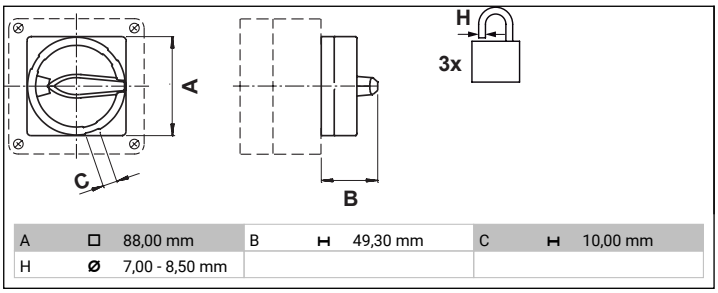


Sample image

PADLOCK DEVICE

with F-handle ring for type of mounting E, EF, E22, FT, VE, GK, PN, PF, KS (S00)

Designation: S2.V840D/D6-E
Colour of F-handle ring: "D" red
Colour of face ring: "6" yellow
Type of mounting: "-E" for type of mounting E for KG125/KG160, KG250/KG315



A	□	88,00 mm	B	⊢	49,30 mm	C	⊢ 10,00 mm
H	⌀	7,00 - 8,50 mm					