



Sample image

Datasheet

Article number: 70018093

Designation: KG32.T303.E

Description: Switch Local Disconnecter

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 (°)	Température Maxi (°)	Spécification complémentaire
32	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	32

Puissance assignée d'emploi

Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (kW)
AC-3	220 - 240	3	3	5,50
AC-3	380 - 440	3	3	7,50
AC-3	660 - 690	3	3	7,50
AC-23A	220 - 240	3	3	5,50
AC-23A	380 - 440	3	3	11
AC-23A	660 - 690	3	3	11

Protection par fusible (IEC)

Caractéristique	Nombre de fusible	Intensité (A)
gG	1	35

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
30	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	1,50	40
DOL	200 - 208	1	2	3	40
DOL	220 - 240	1	2	5	40
DOL	277 - 277	1	2	5	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	7,50	40
DOL	550 - 600	1	2	7,50	40
DOL	110 - 120	3	3	3	40
DOL	200 - 240	3	3	10	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	20	40
DOL	550 - 600	3	3	25	40

Pilot duty rating code

Duty Code
A600

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 40A Class J fuses.

Temp. rating of wire

Temperature rating (°C)	Intensité (A)	Text
60 - 75	--	--

General Use

AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	277	30	1	1	1

General Use					
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	600	30	1	2	1
AC	600	30	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 disconnecter the device shall be provided with a method of being locked in the OFF-position.

CSA

Nominal Voltage	1.2 V
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	Tension (V)	AC / DC
	600	AC

Tension assignée d'isolement U_i

	Tension (V)	AC / DC
	600	AC

Rated thermal current	100 A
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Intensité (A)	Température Ambiante (°)	Additional Text
30	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	1,50	40
DOL	220 - 240	1	2	5	40
DOL	277 - 277	1	2	5	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	7,50	40
DOL	550 - 600	1	2	7,50	40
DOL	110 - 120	3	3	3	40
DOL	220 - 240	3	3	10	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	20	40
DOL	550 - 600	3	3	25	40

Pilot duty rating code

<i>Duty Code</i>	
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A600

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	30	1	1	1
AC	600	30	1	2	1
AC	600	30	3	3	1

GENERAL TECHNICAL INFORMATION

Tightening torque of screws

	tightening torque (Nm)	tightening torque (lb-in)
	1,25	11

Stripping length

	Length (mm) --
	9 STRIPPINGLENGTH

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	0,75mm ²	Copper
solid wire	Min.	2	0,5mm ²	Copper
flexible wire	Min.	2	0,75mm ²	Copper
flexible wire	Max.	1	AWG 10	Copper
flexible wire	Max.	1	4mm ²	Copper
flexible wire	Min.	1	1,5mm ²	Copper
Single-core or stranded wire	Max.	1	6mm ²	Copper
Single-core or stranded wire	Max.	1	AWG 10	Copper
flexible wire with sleeve	Max.	1	4mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0,75mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm ²	Copper

Approbations

Specification

EAC

CE marking

UK Directives

CSA C.22.2 No.14

GB/T14048.3

Marking



Recommandations concernant le tournevis

Type	Value
Tournevis cruciforme	PH2
Slot screwdriver according to DIN 5264	0,8x4

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 de l'appareil sont livrées serrées et ne doivent pas être desserrées. Si toutefois ces bornes sont malgré tout ouvertes accidentellement, vérifier 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



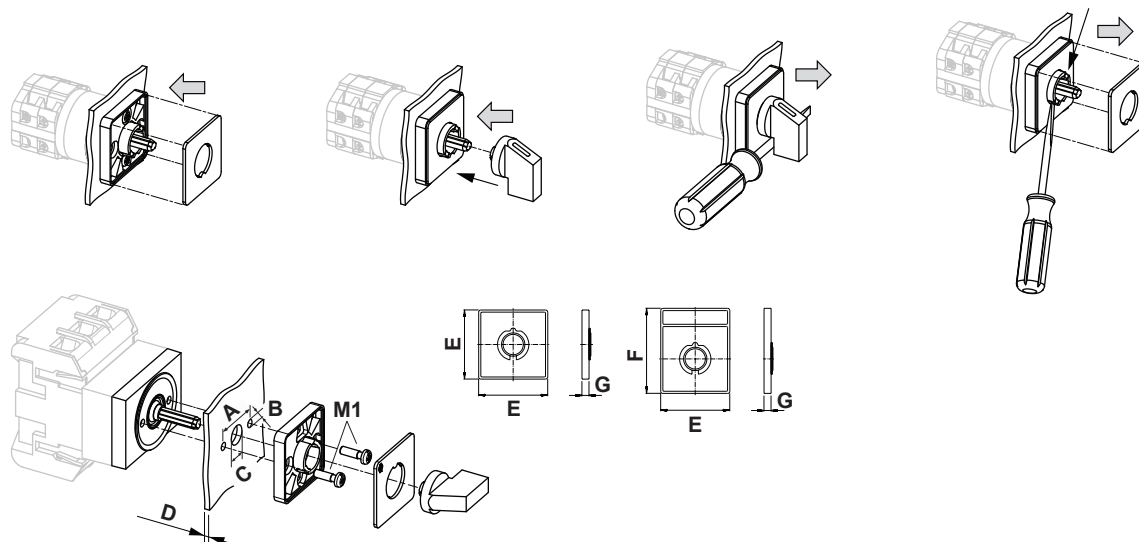
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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 - 5,00
A	H	20,00 mm
B	Ø	3,20 mm
C	Ø	8,00 - 11,00 mm
D	H	<= 4,00 mm
E	Ø	30,00 mm
F	H	39,00 mm
G	H	5,50 mm
M1	M̈	0,80 Nm



Wiring diagram

KG32.T303.E



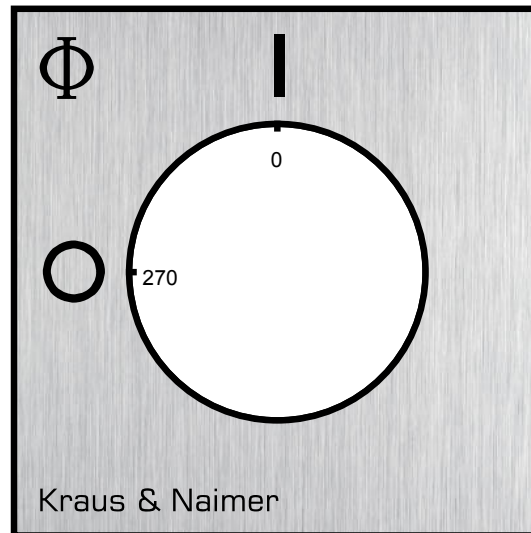
Switch program

KG32.T303.E

 Kraus & Naimer		KG32		T303		Page 1 of 1			
Face Plate 		L1 1	L2 3	L3 5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2 T1	4 T2	6 T3	8	10	12	14	16
0	270								
1	0								
	90								
	180								
Version: 102									

Face plate

S00.F456/A1B.PE



HANDLES

Designation: S00.G251

Handle colour: "1" black

