

Sample image

Datasheet

Article number: 70012785

Designation: KG100.T303/58.VE2

Description: Switch Global 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	
100	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		100
Puissance assignée d'emploi				
Catégorie d'emploi	Tension (V)	Nb de phases	Nb de pôles	Puissance (kW)
AC-3	220 - 240	3	3	18,50
AC-3	380 - 440	3	3	30
AC-3	660 - 690	3	3	22
AC-23A	220 - 240	3	3	22
AC-23A	380 - 440	3	3	37
AC-23A	660 - 690	3	3	30
Protection par fusible (IEC)				
Caractéri	Nombre de fusible			Intensité (A)
gG	1			100
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		
100		0 - 40 --		
Horsepower rating				
Across-the-Line Motor Starting	Tension (V)	Nb de phases	Nb de pôles	Power (HP)
DOL	110 - 120	1	2	5
DOL	220 - 240	1	2	15
DOL	277 - 277	1	2	15
DOL	415 - 415	1	2	25
DOL	440 - 480	1	2	30
DOL	550 - 600	1	2	30
DOL	110 - 120	3	3	10
DOL	220 - 240	3	3	25
DOL	415 - 415	3	3	40
DOL	440 - 480	3	3	50
DOL	550 - 600	3	3	50
SCCR / Max. fuse rating				
Conditions of acceptability				
These devices are suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses or Circuit Breaker Type SFHA36AT0250, manufactured by General Electric.				
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by Class J fuses, 100A max.				
Temp. rating of wire				
Temperature rating (°C)		Intensité (A) Text		
75		-- --		
Connecting instructions				
Markings				
Break all lines.				
General Use				
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles
AC	277	100	1	1
AC	600	100	1	2
AC	600	100	3	3
No. of contacts in series				
1				
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						
			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	
		100	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	5	40	
DOL	220 - 240	1	2	15	40	
DOL	277 - 277	1	2	15	40	
DOL	415 - 415	1	2	25	40	
DOL	440 - 480	1	2	30	40	
DOL	550 - 600	1	2	30	40	
DOL	110 - 120	3	3	10	40	
DOL	220 - 240	3	3	25	40	
DOL	415 - 415	3	3	40	40	
DOL	440 - 480	3	3	50	40	
DOL	550 - 600	3	3	50	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	100	1	1	1	
AC	600	100	1	2	1	
AC	600	100	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	2,5mm²		Copper
flexible wire	Min.		1	4mm²		Copper
flexible wire	Max.		1	35mm²		Copper
flexible wire	Max.		1	AWG 2		Copper
Single-core or stranded wire	Max.		1	AWG 1/0		Copper
Single-core or stranded wire	Max.		1	50mm²		Copper
flexible wire with sleeve	Max.		1	35mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.		1	2,5mm²		Copper
Stripping length						
			Length (mm) --			
						
Recommandations concernant le tournevis						
Type				Value		
Tournevis cruciforme				PH2		
Slot screwdriver according to DIN 5264				1,2x6,5		
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			3		27	
Approbations						
Specification					Marking	
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
Text						
- Ne jamais lubrifier ou traiter les contacts.						

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 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



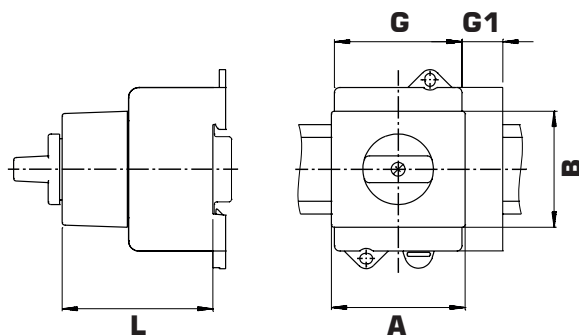
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Type de contacts: Rigid contact bridge

Revêtement des Contacts: Silver

Types de raccordement: Screw terminal

Fixation-VE2



IP - Code front side

IP20

Stages

2,00 - 5,00

A

H

70,00 mm

B

H

45,00 mm

G

H

70,00 mm

G1

H

22,00 mm

L

H

65,00 mm



Wiring diagram

KG100.T303.VE2



Switch program

KG100.T303.VE2



Kraus & Naimer

KG100

T303

VE

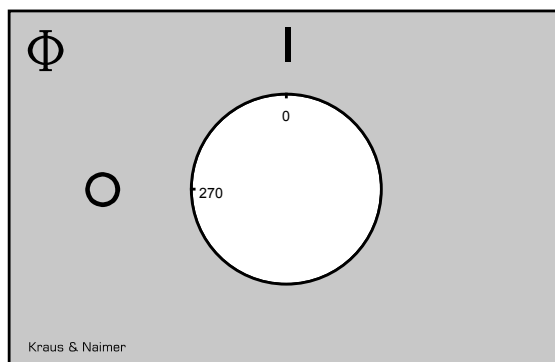
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Face Plate									
		L1	L2	L3					
		1	3	5	7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		T1	T2	T3					
0	270								
1	0								
	90								
	180								

Version: 102

Face plate

K2.F456/C10.VE2



PADLOCK DEVICE

with type F-handle for type of mounting VE2 and VE21

Designation: S0.V840B/E7D

Lock bow diameter: "E" for lock bow diameter 4,5-6mm

Colour of handle: "7" electro-grey, locking bar flag red

Type of mounting: "D" for type of mounting VE2 - for KA40-KA63B, KG20A/KG32A, KG41-KG64B, KG80/KG100 and KH(R)16-KH(R)80

