



Sample image

Datasheet

Article number: 70010888

Designation: KG41.T203/40.KL11V

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 lu/lth					
Intensité (A)		Température Ambiante (°)		Température Maxi (°) Spécification complémentaire	
40		50		55 Température ambiante +50°C durant 24 heures avec point à +55°C	
Courant assigné d'emploi Ie					
Catégorie d'emploi				Tension (V)	
AC-32A				20 - 400	
Puissance assignée d'emploi					
Catégorie d'emploi		Tension (V)		Nb de phases	
AC-3		220 - 240		3	
AC-3		380 - 440		3	
AC-3		660 - 690		3	
AC-23A		220 - 240		3	
AC-23A		380 - 440		3	
AC-23A		660 - 690		3	
Protection par fusible (IEC)					
Caractéristique				Nombre de fusible	
gG				1	
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			
42		0 - 40 --			
Horsepower rating					
Across-the-Line Motor Starting		Tension (V)		Nb de phases	
DOL		110 - 120		1	
DOL		220 - 240		1	
DOL		277 - 277		1	
DOL		415 - 415		1	
DOL		440 - 480		1	
DOL		550 - 600		1	
DOL		110 - 120		3	
DOL		220 - 240		3	
DOL		415 - 415		3	
DOL		440 - 480		3	
DOL		550 - 600		3	
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 600V max., when protected by 60A Class J fuses.					
Temp. rating of wire					
Temperature rating (°C)				Intensité (A) Text	
60 - 75				-- --	
General Use					
AC / DC		Tension (V)		Intensité (A)	
AC		277		42	
				Nb de phases	
				1	
				Nb de pôles	
				1	
No. of contacts in series					

General Use					
AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	600	42	1	2	1
AC	600	42	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

Tension (V) AC / DC
600 AC

Tension assignée d'isolement Ui

Tension (V) AC / DC
600 AC

Rated thermal current

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

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	2	40
DOL	220 - 240	1	2	5	40
DOL	277 - 277	1	2	7,50	40
DOL	415 - 415	1	2	7,50	40
DOL	440 - 480	1	2	10	40
DOL	550 - 600	1	2	10	40
DOL	110 - 120	3	3	5	40
DOL	220 - 240	3	3	15	40
DOL	415 - 415	3	3	15	40
DOL	440 - 480	3	3	25	40
DOL	550 - 600	3	3	30	40

Temp. rating of wire

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

General Use

AC / DC	Tension (V)	Intensité (A)	Nb de phases	Nb de pôles	No. of contacts in series
AC	277	40	1	1	1
AC	600	40	1	2	1
AC	600	40	3	3	1

GENERAL TECHNICAL INFORMATION

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.	2	0,75mm ²	Copper
solid wire	Min.	1	1,5mm ²	Copper
flexible wire	Max.	1	AWG 6	Copper
flexible wire	Min.	1	2,5mm ²	Copper
flexible wire	Max.	1	10mm ²	Copper
flexible wire	Min.	2	1,5mm ²	Copper
Single-core or stranded wire	Max.	1	AWG 6	Copper
Single-core or stranded wire	Max.	1	16mm ²	Copper
flexible wire with sleeve	Max.	1	10mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,75mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	1,5mm ²	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) 1,80
tightening torque (lb-in) 16

Approbations

Specification	Marking
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EAC



CE marking



UK Directives



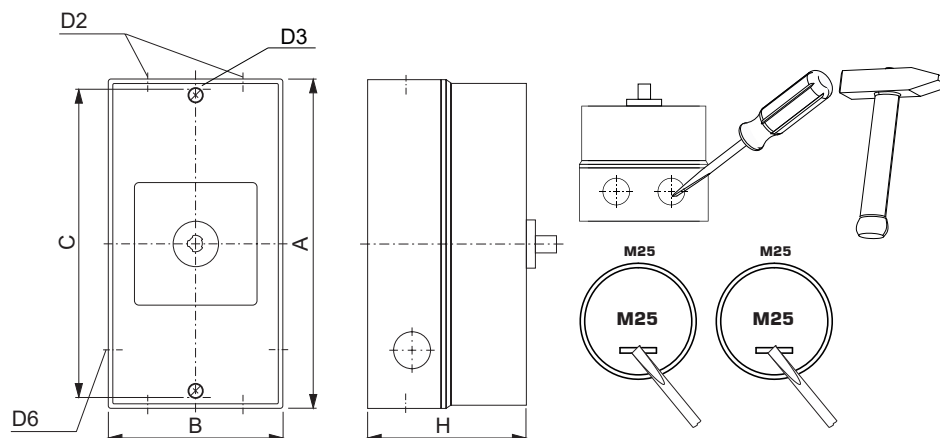
CSA C.22.2 No.14



Approbations	
Specification	Marking
GB/T14048.3	 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 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

Mounting-KL11V



IP - Code front side		IP66, IP67, IP69k
Stages		1,00 - 5,00
A	H	190,00 mm
B	H	100,00 mm
C	H	178,00 mm
D2	Ø	4,00 x M25
D3	Ø	5,60 mm
D6	Ø	2,00 x M25
H	H	93,00 mm



Wiring diagram

KG41.T303.KL11V



Switch program

KG41.T303.KL11V



Kraus & Naimer

KG41
T303
Page 1 of 1

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

S1.F656/E10.V9



AUXILIARY CONTACTS

(cam operated) for switch type KG20 - KG100C and KH(R)16 - KH(R)25B

Designation: K1.M510A/2CA-B

Number of contacts: "2" 2 auxiliary contacts

Operation of contacts: "C" 1 auxiliary contact closed in pos. 1 and 1 auxiliary contact closed in pos. 0 (NO/NC)

Type of version: "A" 1. auxiliary contact module

Type of mounting: "-B" for type of mounting VE, VE2, silver contacts

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

Nominal Voltage			
		Tension (V) AC / DC	
		690 AC	
Courant ininterrompu et thermique conventionnel lu/lth			
Intensité (A)	Température Ambiante (°)	Température Maxi (°)	Spécification complémentaire
16	55	60	Température ambiante +55°C durant 24 heures avec point à +60°C
Courant assigné d'emploi le			
Catégorie d'emploi	Tension (V)		Intensité (A)
AC-15	110 - 240		6
AC-15	380 - 440		3
AC-15	500		1,50
AC-21A	20 - 690		16

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
		10	0 - 40 --
Pilot duty rating code			
Duty Code			
A600			
General Use			
AC / DC	Tension (V)	Intensité (A)	Nb de phases Nb de pôles No. of contacts in series
AC	600	10	1 1 1

GENERAL TECHNICAL INFORMATION

GENERAL TECHNICAL INFORMATION				
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	0,5mm ²	Copper
solid wire	Min.	2	0,5mm ²	Copper
flexible wire	Min.	1	0,75mm ²	Copper
flexible wire	Min.	2	0,75mm ²	Copper
flexible wire	Max.	2	2,5mm ²	Copper
flexible wire	Max.	2	AWG 14	Copper
Single-core or stranded wire	Max.	2	AWG 12	Copper
Single-core or stranded wire	Max.	2	2,5mm ²	Copper
flexible wire with ferrule according to DIN 46228	Max.	2	2,5mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0,5mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm ²	Copper
Stripping length				
Length (mm) --				
				
Recommandations concernant le tournevis				
Type	Value			
Tournevis cruciforme	PH1			
Slot screwdriver according to DIN 5264	0,8x4			
Tightening torque of screws				
			tightening torque (Nm)	tightening torque (lb-in)
			0.60	

General Information

Text

- 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.

13	21
14	22