



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						
Märkdraftspänning Ui						
Spänning (V) AC / DC						
690 AC						
Märkdraftström vid konstant drift						
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav				
40	50	55 Omgivningstemperatur +50°C under 24 timmar med toppar upp till +55°C				
Märkdraftström Ie						
Urvals kriterie		Spänning (V)		Ström (A)		
AC-32A		20 - 400		40		
Märkdrafteffekt						
Urvals kriterie	Spänning (V)	No. of phases	No. of poles	Effekt (kW)		
AC-3	220 - 240	3	3	7,50		
AC-3	380 - 440	3	3	11		
AC-3	660 - 690	3	3	11		
AC-23A	220 - 240	3	3	7,50		
AC-23A	380 - 440	3	3	15		
AC-23A	660 - 690	3	3	15		
Max försäkring, IEC						
Säkringskaraktäristik			Antal säkringar	Ström (A)		
gG			1	50		
UL60947-4-1 , UL508						
Nominal Voltage						
Spänning (V) AC / DC						
600 AC						
Märkdraftspänning Ui						
Spänning (V) AC / DC						
600 AC						
Rated thermal current						
Ström (A)		Omgivningstemperatur (°C)		Additional Text		
42		0 - 40		--		
Horsepower rating						
Across-the-Line Motor Starting		Spänning (V)	No. of phases	No. of poles	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
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)			Ström (A)		Text	
60 - 75			--		--	
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	42	1	1	1	

General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	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.
- När brytaren används som säkerhetsbrytare skall den vara utrustad med vred som är låsbart i läge "0".

CSA

Nominal Voltage

Spänning (V) AC / DC
600 AC

Märkdriftspänning Ui

Spänning (V) AC / DC
600 AC

Rated thermal current

Ström (A) 40 Omgivningstemperatur (°C) 0 - 40 Additional Text --

Horsepower rating

Across-the-Line Motor Starting	Spänning (V)	No. of phases	No. of poles	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 Ström (A) Text --

General Use

AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	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) --



Rekomenderad skruvmejsel

Typ av skruvmejsel	Value
Stjärnskruvmejsel	PH2
Slot screwdriver according to DIN 5264	1,2x6,5

Tightening torque of screws

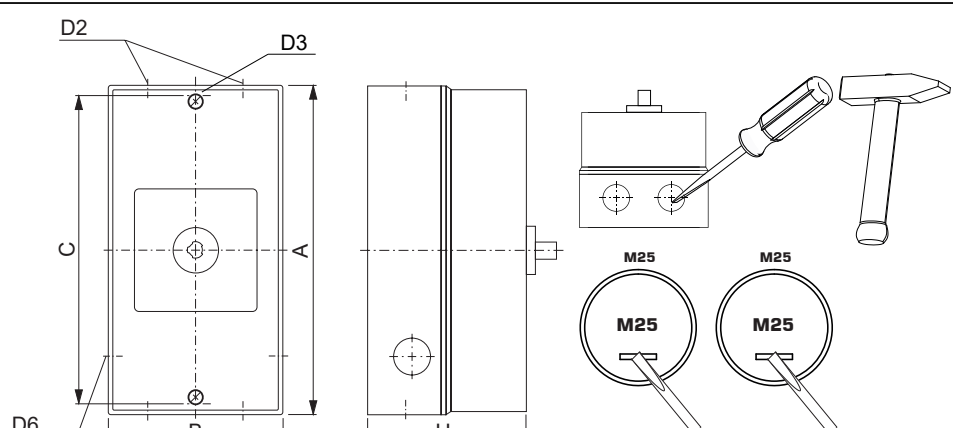
tightening torque (Nm) 1,80 tightening torque (lb-in) 16

Approbations

Specification	Marking
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. - Smörjning och behandling av kontakterna är förbjuden. - Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri. - Använd endast kopparkabel. Kabeln får inte förtennas. - Alla anslutningsskruvar måste dras med rekommenderat moment, även de som inte används då det kan finnas interna överkopplingar.	
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 .

Classification Contact: Rigid contact bridge
Classification Contact Mat: Silver
Classification Terminal: Screw terminal

Mounting-KL11V	
	
Skyddsklass frontpanel, IP	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
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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

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			
		Spänning (V) AC / DC	
		690 AC	
Märkdraftström vid konstant drift			
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C)	ytterligare krav
16	55	60	Omgivningstemperatur +55°C under 24 timmar med toppar upp till +60°C
Märkdraftström Ie			
Urvals kriterie		Spänning (V)	Ström (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				
		Spänning (V) AC / DC		
		600 AC		
Märkdraftspänning Ui				
		Spänning (V) AC / DC		
		600 AC		
Rated thermal current				
Ström (A)		Omgivningstemperatur (°C) Additional Text		
10		0 - 40 --		
Pilot duty rating code				
Duty Code				
A600				
General Use				
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles
AC	600	10	1	1
			No. of contacts in series	

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) --				
				
Rekomenderad skruvmejsel				
Typ av skruvmejsel		Value		
Stjärnskruvmejsel		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

- Smörjning och behandling av kontakterna är förbjuden.
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.

13	21
14	22