



Sample image

Datasheet

Article number: 70010020

Designation: KG41.T204/40.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)
DOL		110 - 120	1	2	2
DOL		220 - 240	1	2	5
DOL		277 - 277	1	2	7,50
DOL		415 - 415	1	2	7,50
DOL		440 - 480	1	2	10
DOL		550 - 600	1	2	10
DOL		110 - 120	3	3	5
DOL		220 - 240	3	3	15
DOL		415 - 415	3	3	15
DOL		440 - 480	3	3	25
DOL		550 - 600	3	3	30
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
Stjärskruvmejsel	PH2
Slot screwdriver according to DIN 5264	1,2x6,5

Tightening torque of screws

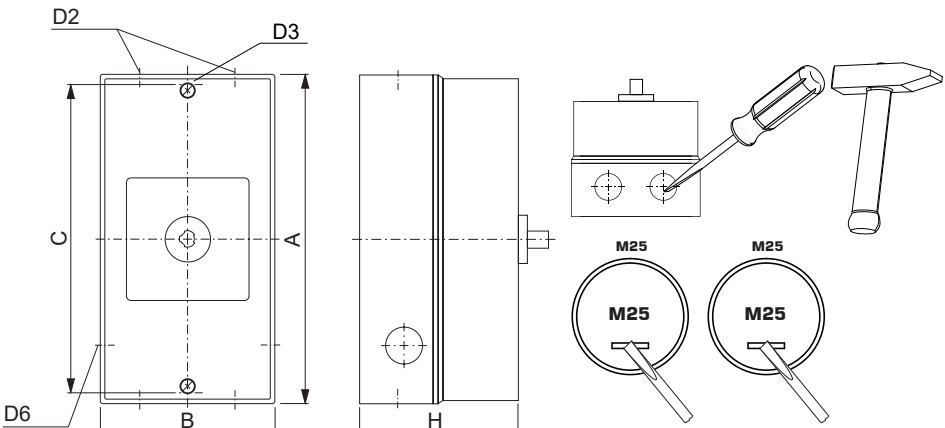
tightening torque (Nm) 1,80 tightening torque (lb-in) 16

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.T304.KL11V



Switch program

KG41.T304.KL11V

 Kraus & Naimer		KG41		T304		Page 1 of 1			
Face Plate 		L1 1	L2 3	L3 5	N 7	9	11	13	15
									
Switching Angle 90 Total switching Angle 90		2 T1	4 T2	6 T3	8 N	10	12	14	16
0	270								
1	0								
	90								
	180								

Version: 94

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
AC	600	10	1
		No. of poles	No. of contacts in series
		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) --				
				
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.

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