



Sample image

Datasheet

Article number: 70010788

Designation: KG20B.T206/40.KL11V

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Märkdriftspänning Ui						
Spänning (V) AC / DC						
690 AC						
Märkdriftström vid konstant drift						
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C) ytterligare krav				
25	50	55 Omgivningstemperatur +50°C under 24 timmar med toppar upp till +55°C				
Märkdriftström Ie						
Urvals kriterie			Spänning (V)		Ström (A)	
AC-32A			20 - 400		20	
Märkdrifteffekt						
Urvals kriterie	Spänning (V)	No. of phases	No. of poles	Effekt (kW)		
AC-3	220 - 240	3	3	4		
AC-3	380 - 440	3	3	5,50		
AC-3	660 - 690	3	3	5,50		
AC-23A	220 - 240	3	3	5,50		
AC-23A	380 - 440	3	3	7,50		
AC-23A	660 - 690	3	3	7,50		
Max försäkring, IEC						
Säkringskaraktäristik				Antal säkringar		Ström (A)
gG				1		35
UL60947-4-1, UL508						
Nominal Voltage						
Spänning (V) AC / DC						
600 AC						
Märkdriftspänning Ui						
Spänning (V) AC / DC						
600 AC						
Rated thermal current						
Ström (A)			Omgivningstemperatur (°C) Additional Text			
25			0 - 40 --			
Horsepower rating						
<i>Across-the-Line Motor Starting</i>		Spänning (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 120	1	2	1	40
DOL		220 - 240	1	2	3	40
DOL		277 - 277	1	2	3	40
DOL		415 - 415	1	2	5	40
DOL		440 - 480	1	2	5	40
DOL		550 - 600	1	2	5	40
DOL		110 - 120	3	3	2	40
DOL		200 - 240	3	3	7,50	40
DOL		415 - 415	3	3	10	40
DOL		440 - 480	3	3	15	40
DOL		550 - 600	3	3	20	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)			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	25	1	1	1	

General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	25	1	2	1
AC	600	25	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) Omgivningstemperatur (°C) Additional Text
25 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	1	40
DOL	220 - 240	1	2	3	40
DOL	277 - 277	1	2	3	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	5	40
DOL	550 - 600	1	2	5	40
DOL	110 - 120	3	3	2	40
DOL	220 - 240	3	3	7,50	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	15	40
DOL	550 - 600	3	3	20	40

Pilot duty rating code
Duty Code

A600

Temp. rating of wire

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

General Use

AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	277	25	1	1	1
AC	600	25	1	2	1
AC	600	25	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
flexible wire	Max.	1	AWG 10	Copper
flexible wire	Max.	1	4mm 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

Stripping length

Length (mm) --


Rekomenderad skruvmejsel

Typ av skruvmejsel	Value
Stjärskruvmejsel	PH2
Slot screwdriver according to DIN 5264	0,8x4

Tightening torque of screws

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

Approbations
Specification
Marking

EAC



CE marking



UK Directives



CSA C.22.2 No.14



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



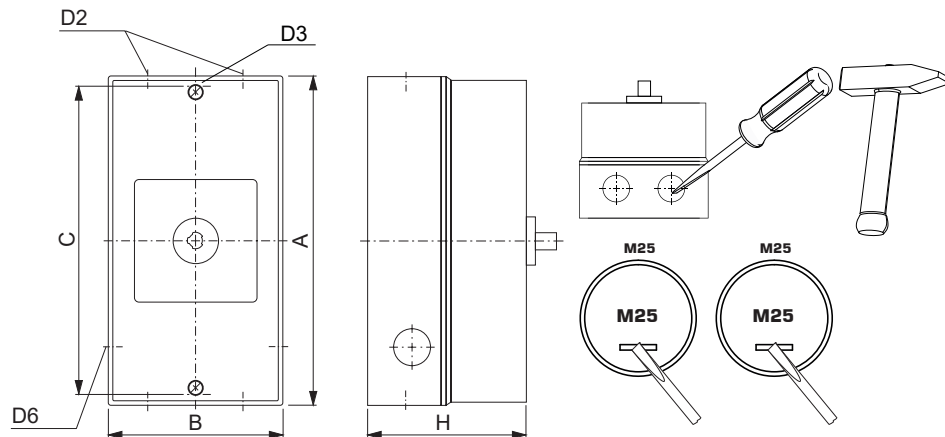
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

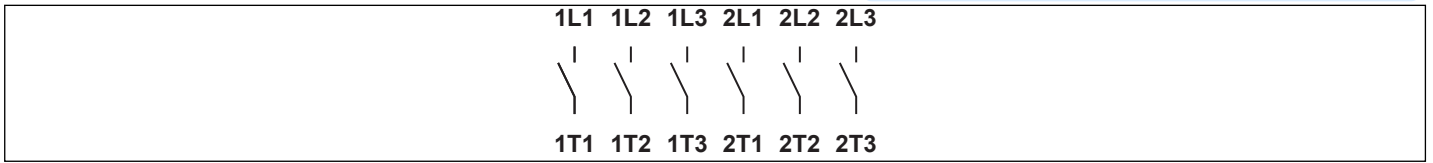
Mounting-KL11V



Skyddsklass frontpanel, IP		IP66, IP67, IP69k
Stages		6,00 - 6,00
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


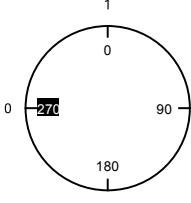
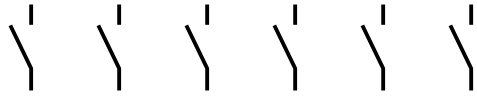
Wiring diagram

KG20B.T306.KL11V



Switch program

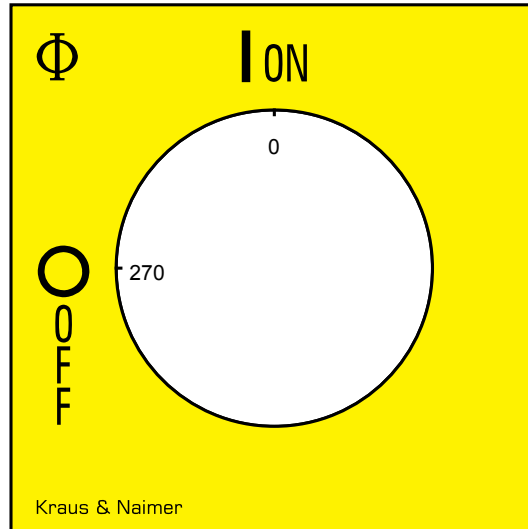
KG20B.T306.KL11V

 Kraus & Naimer		KG20B						T306		Page 1 of 1	
		1L1	1L2	1L3	2L1	2L2	2L3	13	15		
Face Plate 		1	3	5	7	9	11	13	15		
											
Switching Angle <input type="text" value="90"/> Total switching Angle <input type="text" value="90"/>		2	4	6	8	10	12	14	16		
		1T1	1T2	1T3	2T1	2T2	2T3				
0	<input checked="" type="checkbox"/>										
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
	<input type="checkbox"/>										
	<input type="checkbox"/>										
90	<input type="checkbox"/>										
	<input type="checkbox"/>										
	<input type="checkbox"/>										
180	<input type="checkbox"/>										
	<input type="checkbox"/>										
	<input type="checkbox"/>										

Version: 117

Face plate

S1.F656/E10.V9



AUXILIARY CONTACTS

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


Designation: K0.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		
			500 AC		
			690 AC		
Märkdriftström vid konstant drift					
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C)	ytterligare krav		
10	55	60	Omgivningstemperatur +55°C under 24 timmar med toppar upp till +60°C		
16	55	60	Omgivningstemperatur +55°C under 24 timmar med toppar upp till +60°C		
Märkdriftström Ie					
Urvals kriterie				Spänning (V)	Ström (A)
AC-15				110 - 240	2,50
AC-15				380 - 440	1,50
AC-15				500	1
AC-21A				500	10
UL60947-4-1 , UL508					
Nominal Voltage					
			Spänning (V) AC / DC		
			600 AC		
Märkdriftspänning 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	No. of contacts in series
AC	600	10	1	1	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.	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	AWG 16		Copper
flexible wire	Max.	2	1,5mm ²		Copper
Single-core or stranded wire	Max.	2	AWG 14		Copper
Single-core or stranded wire	Max.	2	1,5mm ²		Copper
flexible wire with ferrule according to DIN 46228	Max.	2	1mm 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		0,6x3,5			
Tightening torque of screws					
			tightening torque (Nm)	tightening torque (lb-in)	
			0,60	5	

General Information**Text**

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- 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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