



Sample image

Datasheet

Article number: 70011304

Designation: KG80.T103/D-A061.KL71V

Description: Switch

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				
80	50	55 Omginingstemperatur +50°C under 24 timmar med toppar upp till +55°C				
Märkdriftström Ie						
Urvals kriterie		Spänning (V)		Ström (A)		
AC-32A		20 - 400		80		
Märkdrifteffekt						
Urvals kriterie	Spänning (V)	No. of phases	No. of poles	Effekt (kW)		
AC-3	220 - 240	3	3	15		
AC-3	380 - 440	3	3	22		
AC-3	660 - 690	3	3	18,50		
AC-23A	220 - 240	3	3	18,50		
AC-23A	380 - 440	3	3	30		
AC-23A	660 - 690	3	3	22		
Max försäkring, IEC						
Säkringskaraktistik			Antal säkringar	Ström (A)		
gG			1	80		
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				
80		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	5	40
DOL		220 - 240	1	2	10	40
DOL		277 - 277	1	2	15	40
DOL		415 - 415	1	2	20	40
DOL		440 - 480	1	2	20	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	30	40
DOL		440 - 480	3	3	50	40
DOL		550 - 600	3	3	50	40
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)		Ström (A) Text				
75		-- --				
Connecting instructions						
Markings						
Break all lines.						
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	80	1	1	1	
AC	600	80	1	2	1	
AC	600	80	3	3		

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)

80

Omgivningstemperatur (°C) Additional Text

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	5	40
DOL	220 - 240	1	2	10	40
DOL	277 - 277	1	2	15	40
DOL	415 - 415	1	2	20	40
DOL	440 - 480	1	2	20	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	30	40
DOL	440 - 480	3	3	50	40
DOL	550 - 600	3	3	50	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	80	1	1	1
AC	600	80	1	2	1
AC	600	80	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) --

14

Rekomenderad skruvmejsel

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

Tightening torque of screws

tightening torque (Nm)

3

tightening torque (lb-in)

27

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.

General Information

Text

- Smörjning och behandling av kontaktarna 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



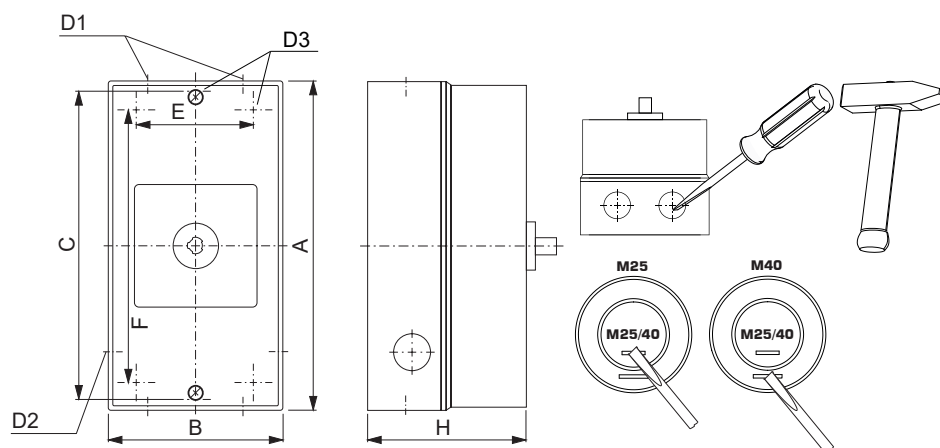
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-KL71V



Skyddsklass frontpanel, IP		IP66, IP67, IP69k
Stages		2,00 - 5,00
A	H	250,00 mm
B	H	145,00 mm
D1	Ø	4,00 x M40/M25
D2	Ø	2,00 x M25
D3	Ø	6,50 mm
E	H	124,00 mm
F	H	229,00 mm
H	H	107,00 mm



Wiring diagram

KG80.T303.KL71V



Switch program

KG80.T303.KL71V



Kraus & Naimer

KG80
T303

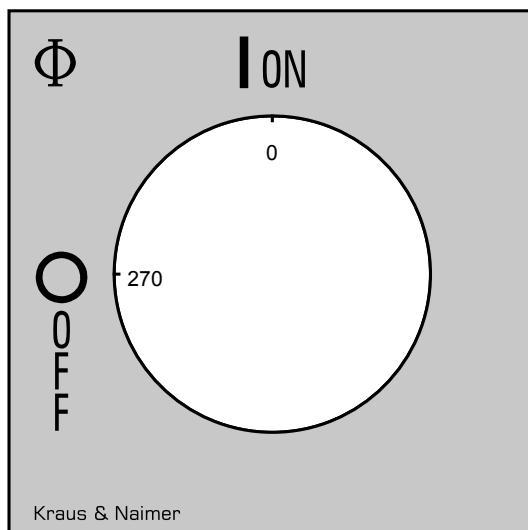
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Face Plate									
		L1	L2	L3					
		1	3	5	7	9	11	13	15
  									
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16
		T1	T2	T3					
0	270								
1	0	■	■	■					
	90								
	180								

Version: 102

Face plate

S1.F656/C10.V9



AUXILIARY CONTACTS

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

Designation: K2.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					
Märkdriftström vid konstant drift					
Ström (A)	Omgivningstemperatur (°C)	Temperatur topp (°C)	ytterligare krav		
16	55	60	Omginingstemperatur +55°C under 24 timmar med toppar upp till +60°C		
Märkdriftström 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					
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 (mm²) or (AWG/kcmil)		Material of the wire
solid wire	Min.	1	0,5mm²		Copper
solid wire	Min.	2	0,5mm²		Copper
flexible wire	Min.	1	0,75mm²		Copper
flexible wire	Min.	2	0,75mm²		Copper
flexible wire	Max.	2	2,5mm²		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	2,5mm²		Copper
flexible wire with ferrule according to DIN 46228	Max.	2	2,5mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0,5mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm²		Copper
Stripping length					
Length (mm) --					
					
8					
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

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- Använd endast kopparkabel. Kabeln får inte förtennas.

13	21
14	22