



Sample image

Datasheet

Article number: 70019049

Designation: KG80.T104/33.KL71V

Description: Switch Global Disconnector

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		
80	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			80	
Märkdrafteffekt						
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						
Säkringskaraktäristik				Antal säkringar		Ström (A)
gG				1		80
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		
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	

General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	80	1	2	1
AC	600	80	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
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

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	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 (mm ²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	2,5mm ²	Copper
flexible wire	Min.	1	4mm ²	Copper
flexible wire	Max.	1	35mm ²	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	50mm ²	Copper
flexible wire with sleeve	Max.	1	35mm ²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	2,5mm 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) tightening torque (lb-in)
3 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.
- 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



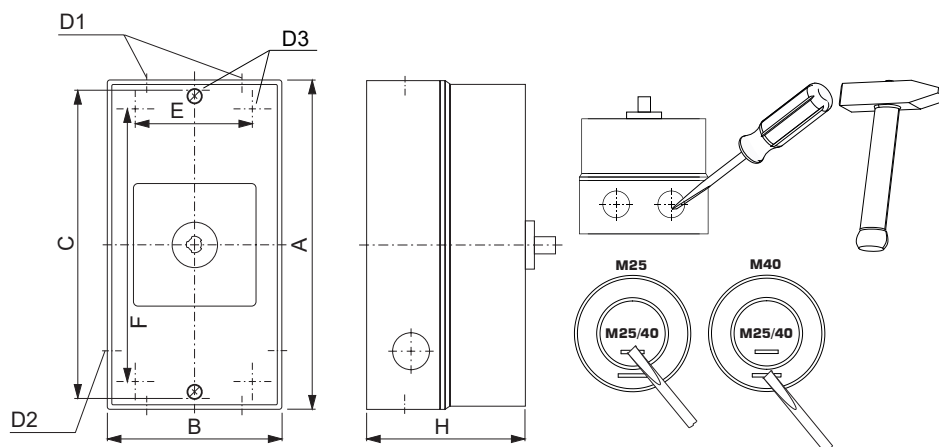
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-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.T304.KL71V



Switch program

KG80.T304.KL71V



Kraus & Naimer

KG80
T304

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Face Plate									
		L1	L2	L3	N				
		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	N				
0	270								
1	0	■	■	■	■				
	90								
	180								

Version: 94

Face plate

S1.F656/C10.V9

