



Sample image

Datasheet

Article number: 70012781

Designation: KG100.T104/33.KL71V

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		
100	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			100	
Märkdrafteffekt						
Urvals kriterie	Spänning (V)	No. of phases		No. of poles		Effekt (kW)
AC-3	220 - 240	3		3		18,50
AC-3	380 - 440	3		3		30
AC-3	660 - 690	3		3		22
AC-23A	220 - 240	3		3		22
AC-23A	380 - 440	3		3		37
AC-23A	660 - 690	3		3		30
Max försäkring, IEC						
Säkringskaraktäristik				Antal säkringar		Ström (A)
gG				1		100
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		
100		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	15	40
DOL		277 - 277	1	2	15	40
DOL		415 - 415	1	2	25	40
DOL		440 - 480	1	2	30	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	40	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	100	1	1	1	

General Use					
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series
AC	600	100	1	2	1
AC	600	100	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
100		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	15	40
DOL	277 - 277	1	2	15	40
DOL	415 - 415	1	2	25	40
DOL	440 - 480	1	2	30	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	40	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	100	1	1	1
AC	600	100	1	2	1
AC	600	100	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

- 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



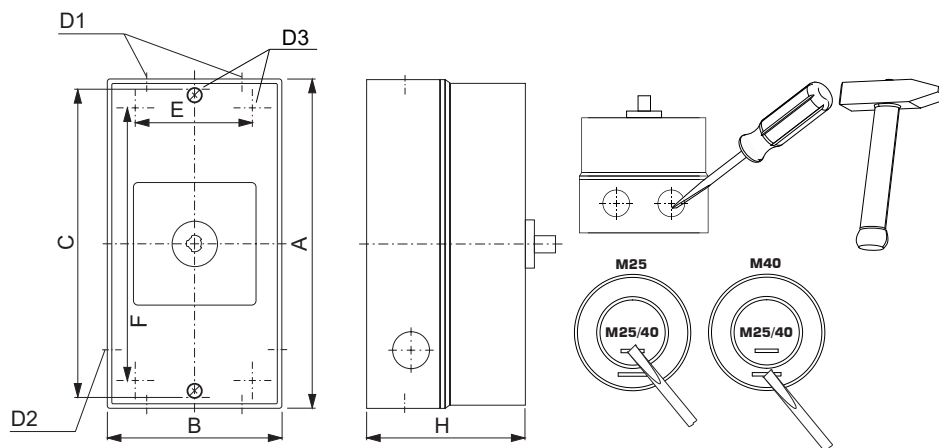
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

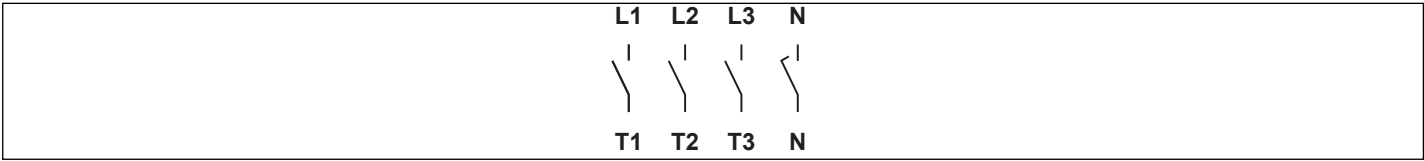
Mounting-KL71V



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

KG100.T304.KL71V



Switch program

KG100.T304.KL71V

 Kraus & Naimer		KG100 T304 VE 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/C10.V9

