



Datasheet

Article number: 70019049

Designation: KG80.T104/33.KL71V **Description:** Switch Global Disconnector

Rated insulation voltage Ui			00 45 (5-				
		Voltag	e (V) AC / DC				
Rated uninterrupted current lo	u/lth		690 AC				
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requi	irements			
80	50				during 24 hours w	vith peaks up to +55°C	
Rated operational current le			/ ambient tempe		24g 2 1 110410 11	nun pouno up to 100 0	
Utilization category				Vo	Itage (V)		Current (
AC-32A					20 - 400		
Rated operational power					-		
Utilization category		Voltage (V)	No. o	of phases		No. of poles	Power (kl
AC-3		220 - 240		3		3	· 1
AC-3		380 - 440		3		3	2
AC-3		660 - 690		3		3	18,5
AC-23A		220 - 240		3		3	18,5
AC-23A		380 - 440		3		3	3
AC-23A		660 - 690		3		3	2
Max. Fuse rating IEC							
Fuse characteristic					No. of Fu	ses	Current (
gG						1	8
UL60947-4-1 . UL508							
Nominal Voltage							
rioniniai voitage		Voltac	e (V) AC / DC				
		Voltag	600 AC				
Rated insulation voltage Ui			000 AC				
rtatea modiation fortage or							
		Voltac	AC / DC				
-		Voltag	e (V) AC / DC				
Rated thermal current		Voltag	e (V) AC / DC 600 AC				
Rated thermal current	Current		600 AC	nhient temnera	ture (°C) Additio	nal Text	
Rated thermal current	Current	(A)	600 AC	nbient tempera	ture (°C) Addition	nal Text	
	Current		600 AC	nbient tempera	ture (°C) Addition 0 - 40	nal Text	
Horsepower rating		(A) 80	600 AC		0 - 40		Ambient temperature [°
		(A) 80	600 AC An /oltage (V)	nbient tempera	0 - 40 No. of poles	Power (HP)	
Horsepower rating Across-the-Line Motor Starting		(A) 80	600 AC Am /oltage (V) N 110 - 120	No. of phases	0 - 40 No. of poles 2	Power (HP)	
Horsepower rating Across-the-Line Motor Starting DOL DOL		(A) 80	600 AC An /oltage (V) N 110 - 120 220 - 240	No. of phases	0 - 40 No. of poles 2 2	Power (HP) 5 10	2
Horsepower rating Across-the-Line Motor Starting DOL DOL DOL		(A) 80	/oltage (V) N 110 - 120 220 - 240 277 - 277	No. of phases	0 - 40 No. of poles 2 2 2	Power (HP) 5 10 15	Ambient temperature [* 2
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Horsepower rating Across-the-Line Motor Starting DOL DOL DOL DOL DOL DOL DOL DOL		(A) 80	/oltage (V)	No. of phases 1 1 1 1 1 1	0 - 40 - No. of poles 2 2 2 2 2 2 2 2	Power (HP) 5 10 15 20 20 30	
Horsepower rating Across-the-Line Motor Starting DOL		(A) 80	600 AC An //oltage (V)	No. of phases 1 1 1 1 1 1 3	0-40 - No. of poles 2 2 2 2 2 2 3	Power (HP) 5 10 15 20 20 30	2 2 2 2 2 4
Horsepower rating Across-the-Line Motor Starting DOL		(A) 80	/oltage (V) N 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240	No. of phases 1 1 1 1 1 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3	Power (HP) 5 10 15 20 20 30 10 25	2 2 2 4 4 4 4
Horsepower rating Across-the-Line Motor Starting DOL		(A) 80	/oltage (V)	No. of phases 1 1 1 1 1 1 3 3 3	0-40 - No. of poles 2 2 2 2 2 3 3 3 3	Power (HP) 5 10 15 20 20 30 10 25 30	
Horsepower rating Across-the-Line Motor Starting DOL		(A) 80	/oltage (V) N 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 220 - 240 415 - 415 440 - 480	No. of phases 1 1 1 1 3 3 3 3	0-40 No. of poles 2 2 2 2 2 3 3 3 3 3	Power (HP) 5 10 15 20 20 30 10 25 30 50	
Horsepower rating Across-the-Line Motor Starting DOL		(A) 80	/oltage (V)	No. of phases 1 1 1 1 1 1 3 3 3	0-40 - No. of poles 2 2 2 2 2 3 3 3 3	Power (HP) 5 10 15 20 20 30 10 25 30	
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Horsepower rating Across-the-Line Motor Starting DOL	ruse on circuits capable of delive	(A) 80	/oltage (V)	No. of phases 1 1 1 1 3 3 3 3	0 - 40 - No. of poles 2 2 2 2 2 2 3 3 3 3 3	Power (HP) 5 10 15 20 20 30 10 25 30 50	
Horsepower rating Across-the-Line Motor Starting DOL	ruse on circuits capable of delive	(A) 80	An A	No. of phases 1 1 1 1 1 3 3 3 3 3 3	No. of poles 2 2 2 2 2 3 3 3 3 3 3 max. when protect	Power (HP) 5 10 15 20 20 30 10 25 30 50 50	
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ACC	General Use								
Control Information Control Information Indicating invariant to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating invariant to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating in the object of the provided from the manufacturer, or the operating handle and position indicating in the object of the provided from the manufacturer, or the operating handle and position indicating in the object of the provided from the manufacturer. Control Information Control I	5 ()		•					No. of contacts in	series
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Test		80	3	3					1
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to be used should have been previously evaluated in continuation with the manual most controllers. CSA Nominal Voltage Voltage (P) AC / DC Raced Insulation voltage UI Voltage (P) AC / DC Sated Remaid current 600 AC Raced Insulation voltage UI On AC Sated Remaid current 89 Ambient temperature (**) Additional Text Foresponser rating 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		indicating means to	be used with these manual m	notor controllers should be pro	vided from t	the manufacturer,	or the operating	handle and position indicating r	neans
Notinger Montage Mon						•			
Notinge Voltage Volt	- When intended for use as a motor of	disconnector the dev	rice shall be provided with a m	nethod of being locked in the (OFF-position				
Voltage (F) AC / DC Co Co Co AC / DC Co Co Co AC / DC Co Co AC / DC AC / DC / DC AC / DC AC / DC / DC AC / DC /	CSA								
Register installation voltage UI									
Rated thermal current				Voltage (V) AC / DC					
Value (V) AC / DC				600 AC					
Redet thermal current	Rated insulation voltage Ui								
Rated thermal carrent									
Current (A)	Pated thormal ourrent			OUU AC					
No. of phases No. of phase	Nated thermal current	С	urrent (A)	Ambient	temperature	e (°C) Additional T	ext		
Voltage (f)									
DOL	Horsepower rating								
DOL					•			Ambient temperatu	
DOL									40
DOL					-				40 40
DOL									40
DOL					-				40
DOL 415-415 3 3 3 50									40
DOL									40
DOL									40
Doll									40
Temp-rating of wire Temperature rating (°C) Current (A) Text									40
Temperature rating (°C)				330 - 000	3	3	50		40
Centeral Use	remp. rading of wire	Temperature r	ating (°C)		Currei	nt (A) Text			
AC DC		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
AC									
AC 600 80 3 3 3 3 GENERAL TECHNICAL INFORMATION Size of conductor composition of conductor Min. / Max. value Min. 1 2,5mm² Copper flexible wire Min. 1 4mm² Copper flexible wire Min. 1 55mm² Copper flexible wire Max. 1 1,4WG 2 Copper flexible wire or stranded wire Max. 1 1,4WG 2 Copper Single-core or stranded wire Max. 1 1,5mm² Copper flexible wire with sleeve Max. 1 1,5mm² Copper flexible wire with sleeve Max. 1 1,5mm² Copper Single-core or stranded wire Max. 1 1,5mm² Copper flexible wire with sleeve Max. 1 1,5mm² Copper flexible wire with sleeve Max. 1 1,5mm² Copper flexible wire with sleeve Max. 1 2,5mm² Copper flexible wire with ferrule according to DIN 46228 Min. 1 2,5mm² Copper Type of screw driver Type	5 ()	, ,	•	•				No. of contacts in	series
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GB/T14048.3	GB/T14048.3								B/T14048.3

General Information

Text

- EMC Note: This device is suitable for use in environment A and B.
- Do not lubricate or treat contacts.
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.
- Use copper wire only. Do not coat the wire end with tin.
- Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications.

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

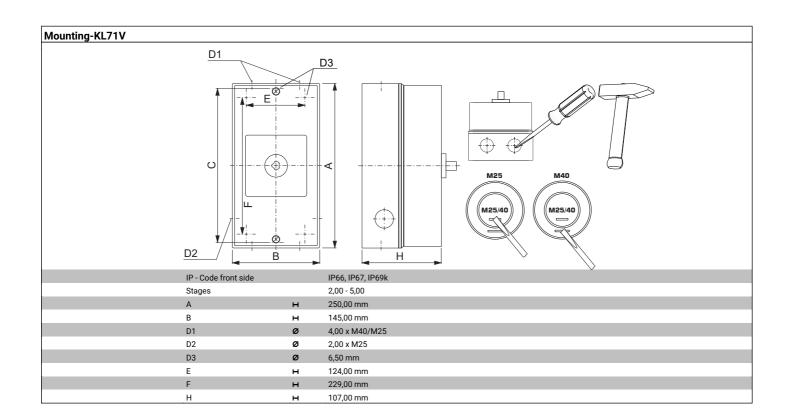
Proposition 65 Picture name

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





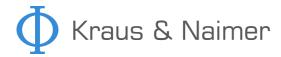
Wiring diagram KG80.T304.KL71V

L1 L2 L3 N
T1 T2 T3 N



Switch program KG80.T304.KL71V

Name Name	A Known C Mains an										
L1 L2 L3 N	Traus & Naimer		KG8	0	T304			Page	1 of 1		
1 3 5 7 9 11 13 15 Switching Angle 90 T1 T2 T3 N 1 0 270 90 90 90 90 90 90 90 90 90 90 90 90 90 9		Face Plate									
Switching Angle 90 2 4 6 8 10 12 14 16 Total switching Angle 90 T1 T2 T3 N 0 270 1 0 90 90 90 90 90 90 90 90 90 90 90		1						9	11	13	15
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90		tching Angle 90	0.0	T1	T2	Т3	N				
90		0	270				-				
90											
90			_				┼┢				
		1	0								
							-				
180			90								
180											
			180								
							-				
										Ver	sion: 94



Face plate s1.F656/C10.V9

