



Sample image






Datasheet

Article number: 70024056

Designation: KG20.T104/40.KS51V

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				
25	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		20	
Märkdrafteffekt						
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						
Märkdraftspänning 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		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	
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.						

General Information						
<i>Text</i>						
- 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						
<i>Duty Code</i>						
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						
Tightening torque of screws						
		tightening torque (Nm)			tightening torque (lb-in)	
		1,25			11	
Stripping length						
		Length (mm) --				
		9 STRIPPINGLENGTH				
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	0,75mm ²		Copper	
solid wire	Min.	2	0,5mm ²		Copper	
flexible wire	Min.	2	0,75mm ²		Copper	
flexible wire	Max.	1	AWG 10		Copper	
flexible wire	Max.	1	4mm ²		Copper	
flexible wire	Min.	1	1,5mm 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	
flexible wire with ferrule according to DIN 46228	Min.	1	0,75mm ²		Copper	
flexible wire with ferrule according to DIN 46228	Min.	2	0,5mm ²		Copper	
Approbations						
<i>Specification</i>						<i>Marking</i>
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Rekomenderad skruvmejsel						
<i>Typ av skruvmejsel</i>		Value				
Stjärnskruvmejsel		PH2				
Slot screwdriver according to DIN 5264		0,8x4				
General Information						
<i>Text</i>						
- EMC Note: This device is suitable for use in environment A and B.						


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 anslutningskruvar 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

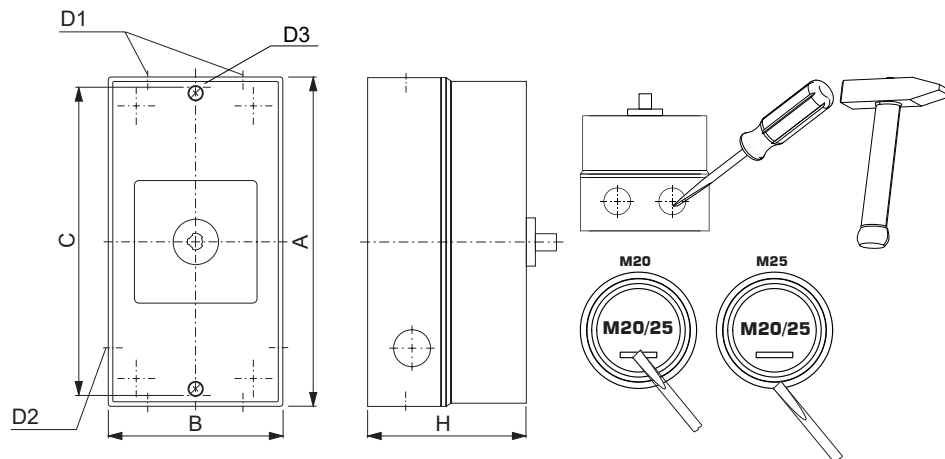
 WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

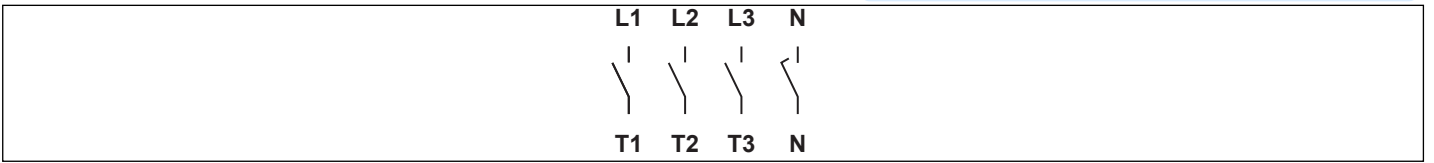
Mounting-KS51V




Skyddsklass frontpanel, IP		IP66, IP67, IP69k
Stages		1,00 - 5,00
A	H	121,00 mm
B	H	86,00 mm
C	H	110,00 mm
D1	Ø	4,00 x M20/M25
D2	Ø	2,00 x M20
D3	Ø	4,20 mm
H	H	90,00 mm

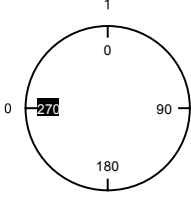




Wiring diagram

KG20.T304.KS51V



Switch program
KG20.T304.KS51V

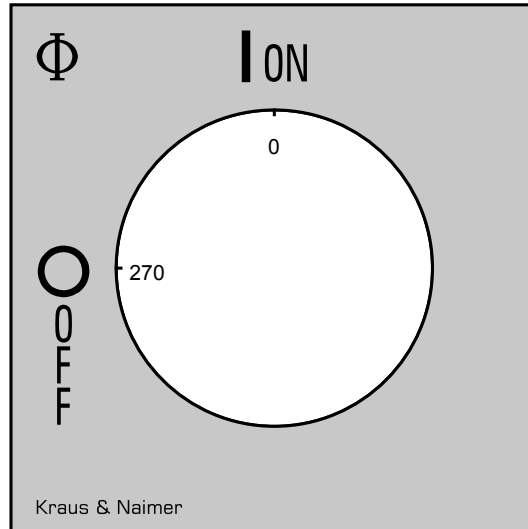
 Kraus & Naimer

		KG20				T304				Page 1 of 1			
Face Plate													
		L1	L2	L3	N								
		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				
		T1	T2	T3	N								
0	270												
1	0	█	█	█	█								
	90												
	180												

Version: 94

Face plate

S1.F656/C10.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					
Tightening torque of screws					
			tightening torque (Nm)	tightening torque (lb-in)	
			0,60	5	
Stripping length					
			Length (mm) -		
			6	STRIPPINGLENGTH	
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

Size of conductor				
<i>composition of conductor</i>	<i>Min. / Max. value</i>	<i>No. of conductor per terminal</i>	<i>Cross section (mm²) or (AWG/kcmil)</i>	<i>Material of the wire</i>
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
Rekomenderad skruvmejsel				
<i>Typ av skruvmejsel</i>	<i>Value</i>			
Stjärskruvmejsel	PH1			
Slot screwdriver according to DIN 5264	0,6x3,5			
General Information				
<i>Text</i>				
<p>- Smörjning och behandling av kontakterna är förbjuden.</p> <p>- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.</p> <p>- Använd endast kopparkabel. Kabeln får inte förtennas.</p>				
