



Sample image

Datasheet

Article number: 70009801

Designation: KG10.T103/40.KS51V

Description: Switch Global Disconnecter

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				
20	50	55 Omgivningstemperatur +50°C under 24 timmar med toppar upp till +55°C				
Märkdriftström Ie						
Urvals kriterie		Spänning (V)				Ström (A)
AC-15		220 - 240				6
AC-15		380 - 440				4
Märkdrifteffekt						
Urvals kriterie	Spänning (V)	No. of phases		No. of poles		Effekt (kW)
AC-3	220 - 240	3		3		2,20
AC-3	380 - 440	3		3		3,70
AC-3	660 - 690	3		3		3,70
AC-3	220 - 240	1		2		1,10
AC-3	380 - 440	1		2		1,50
AC-23A	220 - 240	3		3		3
AC-23A	380 - 440	3		3		5,50
AC-23A	660 - 690	3		3		5,50
AC-23A	220 - 240	1		2		1,50
AC-23A	380 - 440	1		2		2,20
Max försäkring, IEC						
Säkringskarakteristik				Antal säkringar		Ström (A)
gG				1		20
UL60947-4-1 , UL508						
Nominal Voltage						
Spänning (V) AC / DC						
300 AC						
Märkdriftspänning Ui						
Spänning (V) AC / DC						
300 AC						
Rated thermal current						
Ström (A)		Omgivningstemperatur (°C) Additional Text				
20		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	0,50	40	
DOL	220 - 240	1	2	1	40	
DOL	277 - 277	1	2	1	40	
DOL	110 - 120	3	3	1	40	
DOL	220 - 240	3	3	2	40	
Pilot duty rating code						
Duty Code						
A300						
SCCR / Max. fuse rating						
Conditions of acceptability						
These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses.						
Temp. rating of wire						
Temperature rating (°C)		Ström (A) Text				
60 - 75		-- Use copper wire only				
Connecting instructions						
Markings						
Break all lines.						
For use on a flat surface of a type 1 enclosure.						
General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	20	1	1	1	
AC	300	20	1	2	1	

General Use						
AC / DC	Spänning (V)	Ström (A)	No. of phases	No. of poles	No. of contacts in series	
AC	300	20	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	
				300	AC	
Märkdriftspänning Ui						
				Spänning (V)	AC / DC	
				300	AC	
Rated thermal current						
		Ström (A)	Omgivningstemperatur (°C)		Additional Text	
		20	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	0,50	40	
DOL	220 - 240	1	2	1	40	
DOL	277 - 277	1	2	1	40	
DOL	110 - 120	3	3	1	40	
DOL	220 - 240	3	3	2	40	
Pilot duty rating code						
Duty Code						
A300						
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	20	1	1	1	
AC	277	20	3	3	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
				tightening torque (Nm)	tightening torque (lb-in)	
				0,60	5	
Stripping length						
				Length (mm)	--	
				8	STRIPPINGLENGTH	
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.	1	AWG 12		Copper	
flexible wire	Max.	1	2,5mm²		Copper	
Single-core or stranded wire	Max.	1	AWG 12		Copper	
Single-core or stranded wire	Max.	1	2,5mm²		Copper	
flexible wire with ferrule according to DIN 46228	Max.	1	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	
Approbations						
Specification					Marking	
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Rekomenderad skruvmejsel						
Typ av skruvmejsel				Value		
Stjärnskruvmejsel				PH1		
Slot screwdriver according to DIN 5264				0,8x4		
General Information						
Text						
- Smörjning och behandling av kontakterna är förbjuden.						

General Information

Text

- 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.
- Vid installation av strömställaren skall kontrolleras att kryp- och luftavstånd motsvarar gällande föreskrifter.

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



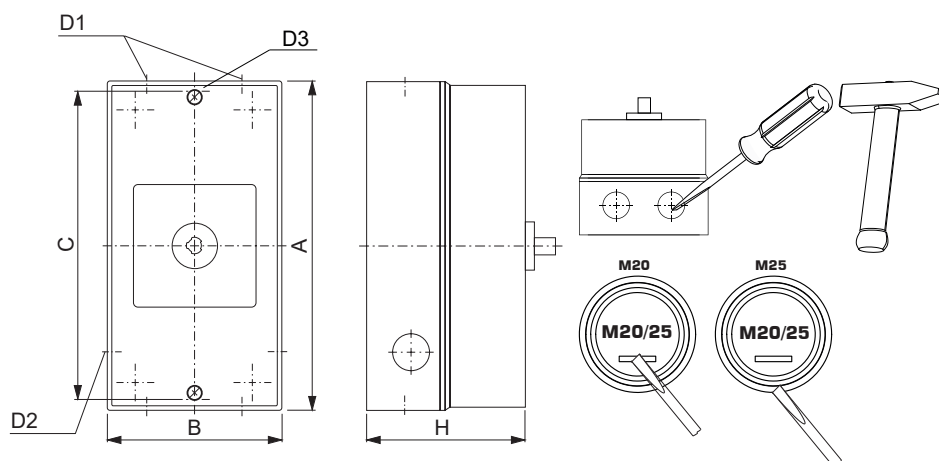
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-KS51V

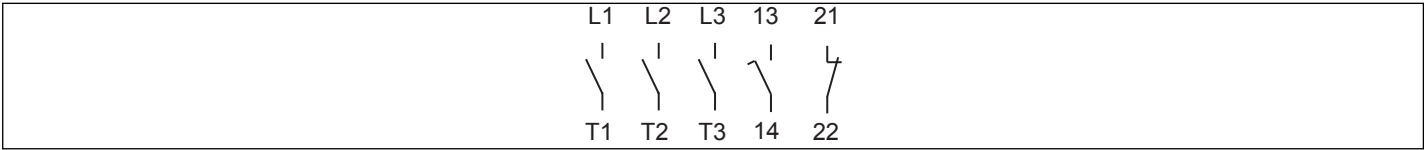


Skyddsklass frontpanel, IP		IP66, IP67, IP69k
Stages		2,00 - 4,00
A	H	121,00 mm
B	H	86,00 mm
C	H	110,00 mm
D1	Ø	4,00 x M20/M25
D2	Ø	2,00 x M20
D3	Ø	4,20 mm
H	H	90,00 mm



Wiring diagram

KG10.T30311.KS51V



Switch program

KG10.T30311.KS51V



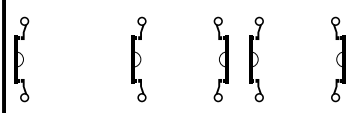
Kraus & Naimer

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Face Plate



Marking plate: S0D H043 91E



Switching Angle

Total switching Angle

		2	4	6	8	10	12	14	16	18	20	22	24
		L2		L1	L3	13	21						
0	270												
	285												
	300												
	315												
	330												
	345												
1	0												
	15												
	30												
	45												
	60												
	75												
	90												
	105												
	120												
	135												
	150												
	165												
	180												
	195												
	210												
	225												
	240												
	255												

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Face plate

S1.F656/C10.V9

