



Sample image

Datasheet

Article number: 70008385

Designation: KG10.T206/40.KS51V

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Rated insulation voltage Ui					
Voltage (V) AC / DC					
690 AC					
Rated uninterrupted current Iu/Ith					
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements		
20	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C		
Rated operational current Ie					
Utilization category			Voltage (V)		Current (A)
AC-15			220 - 240		6
AC-15			380 - 440		4
Rated operational power					
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (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 Fuse Rating IEC					
Fuse characteristic			No. of Fuses		Current (A)
gG			1		20
UL60947-4-1 , UL508					
Nominal Voltage					
Voltage (V) AC / DC					
300 AC					
Rated insulation voltage Ui					
Voltage (V) AC / DC					
300 AC					
Rated thermal current					
Current (A)		Ambient temperature (°C)		Additional Text	
20		0 - 40		--	
Horsepower rating					
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)
DOL		110 - 120	1	2	0,50
DOL		220 - 240	1	2	1
DOL		277 - 277	1	2	1
DOL		110 - 120	3	3	1
DOL		220 - 240	3	3	2
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)			Current (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	Voltage (V)	Current (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	Voltage (V)	Current (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.						
- When intended for use as a motor disconnecter the device shall be provided with a method of being locked in the OFF-position.						
CSA						
Nominal Voltage				Voltage (V) AC / DC		
				300 AC		
Rated insulation voltage Ui				Voltage (V) AC / DC		
				300 AC		
Rated thermal current						
		Current (A)			Ambient temperature (°C)	Additional Text
		20			0 - 40	--
Horsepower rating						
Across-the-Line Motor Starting				Voltage (V)	No. of phases	No. of poles
DOL				110 - 120	1	2
DOL				220 - 240	1	2
DOL				277 - 277	1	2
DOL				110 - 120	3	3
DOL				220 - 240	3	3
Pilot duty rating code						
Duty Code						
A300						
Temp. rating of wire						
			Temperature rating (°C)		Current (A)	Text
			75		--	--
General Use						
AC / DC	Voltage (V)	Current (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						
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
Stripping length						
Length (mm) --						
						
Recommended screw driver						
Type of screw driver				Value		
Cross Screwdriver				PH1		
Slot screwdriver according to DIN 5264				0,8x4		
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			0,60		5	
Approbations						
Specification						Marking
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
Text						
- Do not lubricate or treat contacts.						

General Information

Text

- 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.
- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.

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



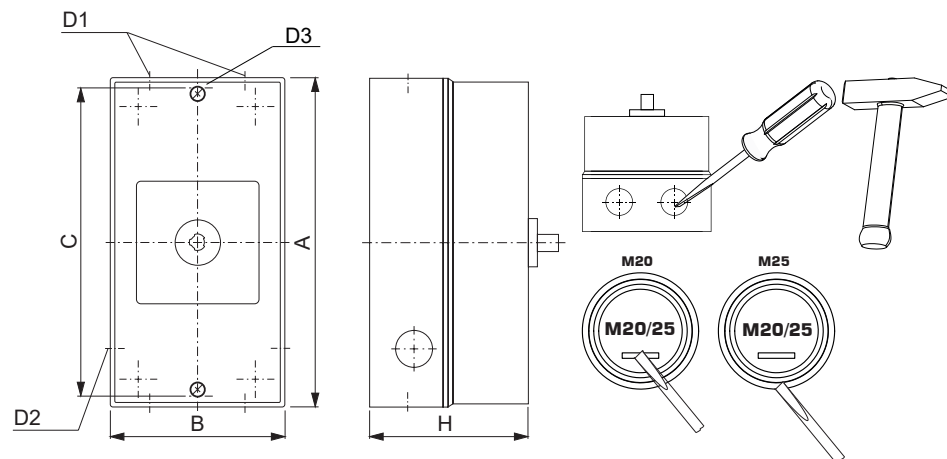
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-KS51V



IP - Code front side		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

Switch program

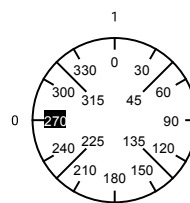
KG10.T30611.KS51V



Kraus & Naimer

KG10	T30611VE	VE	Page 1 of 1
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Face Plate



2L1	1L1	2L2	1L2	2L3	1L3	21	13	17	19	21	23
1	3	5	7	9	11	13	15				









Switching Angle	90	2	4	6	8	10	12	14	16	18	20	22	24
Total switching Angle	90	2T1	1T1	2T2	1T2	2T3	1T3	22	14				
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													

Version: 30

Face plate

S1.F656/E10.V9

