



Sample image

Datasheet

Article number: 70025222

Designation: KG10.T203/40.CS51V

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)	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)			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	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)	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								
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								
Recommended screw driver								
Type of screw driver				Value				
Cross Screwdriver				PH1				
Slot screwdriver according to DIN 5264				0,8x4				
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



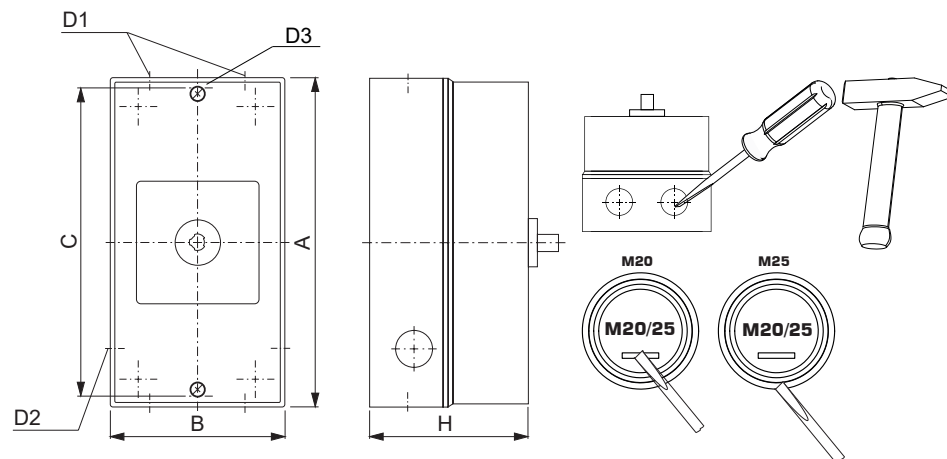
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-CS51V

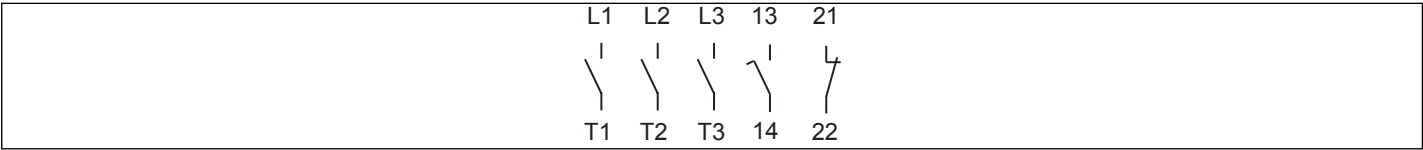


IP - Code front side		IP66, IP67, IP69k
Stages		2,00 - 4,00
A	H	121,00 mm
B	H	86,00 mm
C	H	110,00 mm
D1	Ø	4,00 x M20/M25
D2	Ø	2,00 x M20
D3	Ø	4,20 mm
H	H	90,00 mm



Wiring diagram

KG10.T30311.CS51V



Switch program

KG10.T30311.CS51V

[illegible]

Face plate

S1.F656/E10.V9

