



Sample image

Datasheet

Article number: 70026000

Designation: KG32.T203/33.KL51V

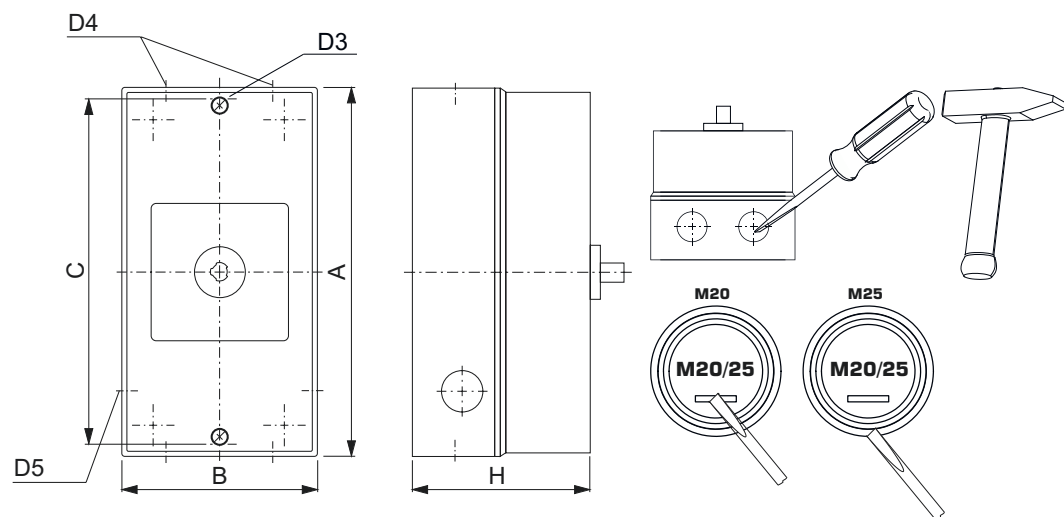
Description: Switchgear

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107					
Rated insulation voltage Ui					
			Voltage (V) AC / DC		
			690 50/60Hz		
Rated uninterrupted current Iu/Ith					
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements		
32	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-32A			20 - 400		32
Rated operational power					
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3	220 - 240	3	3	5,50	
AC-3	380 - 440	3	3	7,50	
AC-3	660 - 690	3	3	7,50	
AC-23A	220 - 240	3	3	5,50	
AC-23A	380 - 440	3	3	11	
AC-23A	660 - 690	3	3	11	
Max. Fuse rating IEC					
Fuse characteristic			No. of Fuses		Current (A)
gG			1		35
UL60947-4-1 , UL508					
Nominal Voltage					
			Voltage (V) AC / DC		
			600 AC		
Rated insulation voltage Ui					
			Voltage (V) AC / DC		
			600 AC		
Rated thermal current					
		Current (A)	Ambient temperature (°C)		Additional Text
		30	0 - 40		--
Horsepower rating					
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)
DOL		110 - 120	1	2	1,50
DOL		200 - 208	1	2	3
DOL		220 - 240	1	2	5
DOL		277 - 277	1	2	5
DOL		415 - 415	1	2	5
DOL		440 - 480	1	2	7,50
DOL		550 - 600	1	2	7,50
DOL		110 - 120	3	3	3
DOL		200 - 240	3	3	10
DOL		415 - 415	3	3	10
DOL		440 - 480	3	3	20
DOL		550 - 600	3	3	25
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)		Current (A) Text
			60 - 75		-- --
General Use					
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series
AC	277	30	1	1	1
AC	600	30	1	2	1
AC	600	30	3	3	

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				
			600 AC				
Rated insulation voltage Ui							
			Voltage (V) AC / DC				
			600 AC				
Rated thermal current							
		Current (A)	Ambient temperature (°C)		Additional Text		
		30	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	1,50	40
DOL			220 - 240	1	2	5	40
DOL			277 - 277	1	2	5	40
DOL			415 - 415	1	2	5	40
DOL			440 - 480	1	2	7,50	40
DOL			550 - 600	1	2	7,50	40
DOL			110 - 120	3	3	3	40
DOL			220 - 240	3	3	10	40
DOL			415 - 415	3	3	10	40
DOL			440 - 480	3	3	20	40
DOL			550 - 600	3	3	25	40
Pilot duty rating code							
Duty Code							
A600							
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	30	1	1	1		
AC	600	30	1	2	1		
AC	600	30	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	0.75mm²		Copper	
Solid wire	Min.		2	0.5mm²		Copper	
Flexible wire	Min.		2	0.75mm²		Copper	
Flexible wire	Max.		1	AWG 10		Copper	
Flexible wire	Max.		1	4mm²		Copper	
Flexible wire	Min.		1	1.5mm²		Copper	
Single-core or stranded wire	Max.		1	6mm²		Copper	
Single-core or stranded wire	Max.		1	AWG 10		Copper	
Flexible wire with sleeve	Max.		1	4mm²		Copper	
Flexible wire with ferrule according to DIN 46228	Min.		1	0.75mm²		Copper	
Flexible wire with ferrule according to DIN 46228	Min.		2	0.5mm²		Copper	
Stripping length							
						Length (mm) --	
						9 → 	
Recommended screw driver							
Type of screw driver			Value				
Cross Screwdriver			PH2				
Slot screwdriver according to DIN 5264			0,8x4				
Tightening torque of screws							
			tightening torque (Nm)		tightening torque (lb-in)		
			1,25		11		
Approbations							
Specification						Marking	
CE marking							
UK Directives							
UL 60947-4-1; CSA C22.2 No. 60947-4-1							
CSA C.22.2 No.14							

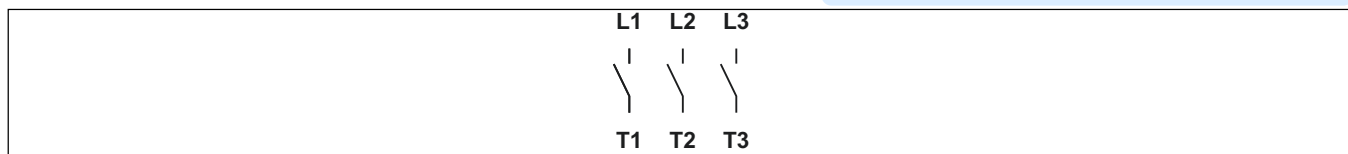
Approbations		Marking
Specification		
GB/T14048.3		 GB/T14048.3
General Information		
Text		
- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed. - EMC Note: This device is suitable for use in environment A and B. - Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated. - After wiring, ALL terminal screws must be tightened to the specified torque values. - The protection class of the selected mounting type may vary if optional extras are used. - 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.		
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-KL51V	
	
IP - Code front side	IP66, IP67, IP69k
Stages	1,00 - 5,00
A	H 160,00 mm
B	H 85,00 mm
C	H 150,00 mm
D3	Ø 4,20 mm
D4	Ø 4,00 x M20/M25
D5	Ø 2,00 x M20
H	H 82,00 mm

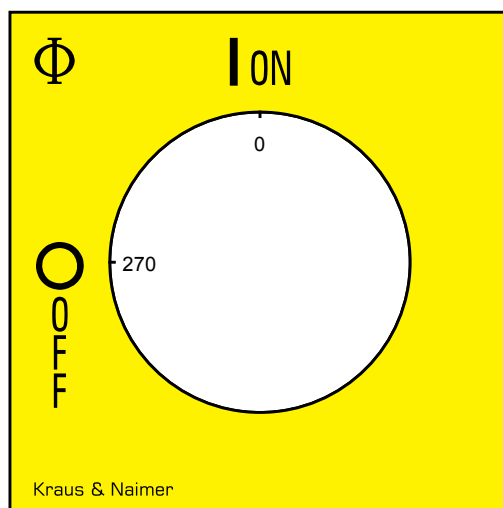
Wiring diagram

KG32.T303.KL51V



Face plate

S1.F656/E10.V9



HANDLES

Designation: S1B.G842

Handle colour: "2" red

GENERAL TECHNICAL INFORMATION

Recommended screw driver

Type of screw driver	Value
Cross Screwdriver	PH1
Slot screwdriver according to DIN 5264	0,8x5,5