



Sample image

Datasheet

Article number: 70028955

Designation: KG80.T203/58.VE2

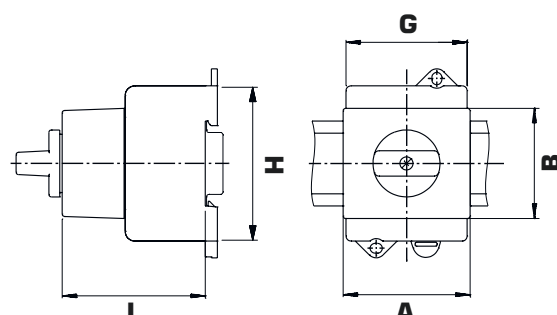
Description: Switchgear

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		
80		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		80
Rated operational power						
Utilization category		Voltage (V)		No. of phases		No. of poles Power (kW)
AC-3		220 - 240		3		3 15
AC-3		380 - 440		3		3 22
AC-3		660 - 690		3		3 18,50
AC-23A		220 - 240		3		3 18,50
AC-23A		380 - 440		3		3 30
AC-23A		660 - 690		3		3 22
Max. Fuse rating IEC						
Fuse characteristic				No. of Fuses		Current (A)
gG				1		80
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				
80		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	5	40
DOL		220 - 240	1	2	10	40
DOL		277 - 277	1	2	15	40
DOL		415 - 415	1	2	20	40
DOL		440 - 480	1	2	20	40
DOL		550 - 600	1	2	30	40
DOL		110 - 120	3	3	10	40
DOL		220 - 240	3	3	25	40
DOL		415 - 415	3	3	30	40
DOL		440 - 480	3	3	50	40
DOL		550 - 600	3	3	50	40
SCCR / Max. fuse rating						
Conditions of acceptability						
These devices are suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses or Circuit Breaker Type SFHA36AT0250, manufactured by General Electric.						
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by Class J fuses, 100A max.						
Temp. rating of wire						
Temperature rating (°C)			Current (A) Text			
75			-- --			
Connecting instructions						
Markings						
Break all lines.						
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	80	1	1	1	

General Use								
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series			
AC	600	80	1	2	1			
AC	600	80	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			
				600	AC			
Rated insulation voltage Ui								
				Voltage (V)	AC / DC			
				600	AC			
Rated thermal current								
		Current (A)	Ambient temperature (°C)		Additional Text			
		80	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	5	40
DOL				220 - 240	1	2	10	40
DOL				277 - 277	1	2	15	40
DOL				415 - 415	1	2	20	40
DOL				440 - 480	1	2	20	40
DOL				550 - 600	1	2	30	40
DOL				110 - 120	3	3	10	40
DOL				220 - 240	3	3	25	40
DOL				415 - 415	3	3	30	40
DOL				440 - 480	3	3	50	40
DOL				550 - 600	3	3	50	40
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	80	1	1	1			
AC	600	80	1	2	1			
AC	600	80	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		2.5mm²		Copper		
Flexible wire	Min.	1		4mm²		Copper		
Flexible wire	Max.	1		35mm²		Copper		
Flexible wire	Max.	1		AWG 2		Copper		
Single-core or stranded wire	Min.	1		AWG 10		Copper		
Single-core or stranded wire	Max.	1		AWG 1/0		Copper		
Single-core or stranded wire	Max.	1		50mm²		Copper		
Flexible wire with sleeve	Max.	1		35mm²		Copper		
Flexible wire with ferrule according to DIN 46228	Min.	1		2.5mm²		Copper		
Stripping length								
				Length (mm) --				
								
				14				
Recommended screw driver								
Type of screw driver				Value				
Cross Screwdriver				PH2				
Slot screwdriver according to DIN 5264				1,2x6,5				
Tightening torque of screws								
				tightening torque (Nm)		tightening torque (lb-in)		
				3		27		
Approbations								
Specification						Marking		
EAC								
CE marking								
UK Directives								
UL 60947-4-1; CSA C22.2 No. 60947-4-1								
CSA C.22.2 No.14								

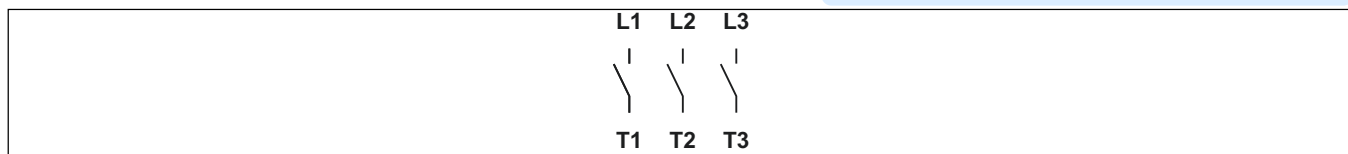
Approbations		Marking
Specification		
GB/T14048.3		 GB/T14048.3
General Information		
Text		
- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed. - EMC Note: This device is suitable for use in environment A and B. - 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-VE2			
			
IP - Code front side	IP40		
Stages	2,00 - 3,00		
A	H	70,00 mm	
B	H	45,00 mm	
G	H	70,00 mm	
H	H	80,00 mm	
L	H	65,00 mm	

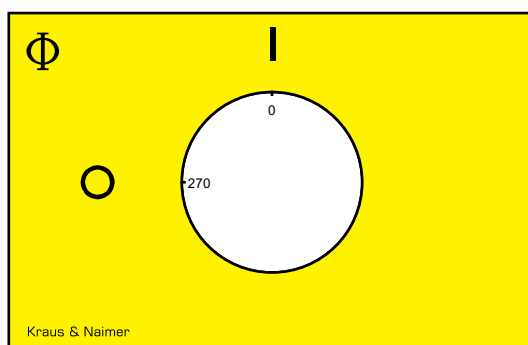
Wiring diagram

KG80.T303.VE2



Face plate

K2.F456/E10.VE2



PADLOCK DEVICE

with type F-handle for type of mounting VE2 and VE21

Designation: S0.V840B/E2D

Lock bow diameter: "E" for lock bow diameter 4,5-6mm

Color of handle: "2" red, locking bar flag yellow

Type of mounting: "D" for type of mounting VE2 - for KA40-KA63B, KG20A/KG32A, KG41-KG64B, KG80/KG100 and KH(R)16-KH(R)80

