



Sample image

Datasheet

Article number: 70010823

Designation: KG41.T203/58.VE2

Description: Switch Global Disconnecter

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			
40	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			40	
Rated operational power						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	7,50		
AC-3	380 - 440	3	3	11		
AC-3	660 - 690	3	3	11		
AC-23A	220 - 240	3	3	7,50		
AC-23A	380 - 440	3	3	15		
AC-23A	660 - 690	3	3	15		
Max. Fuse rating IEC						
Fuse characteristic		No. of Fuses			Current (A)	
gG		1			50	
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	
42		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	2	40
DOL		220 - 240	1	2	5	40
DOL		277 - 277	1	2	7,50	40
DOL		415 - 415	1	2	7,50	40
DOL		440 - 480	1	2	10	40
DOL		550 - 600	1	2	10	40
DOL		110 - 120	3	3	5	40
DOL		220 - 240	3	3	15	40
DOL		415 - 415	3	3	15	40
DOL		440 - 480	3	3	25	40
DOL		550 - 600	3	3	30	40
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 600V max., when protected by 60A 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	42	1	1	1	

General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	600	42	1	2	1	
AC	600	42	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	
40		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	2	40	
DOL	220 - 240	1	2	5	40	
DOL	277 - 277	1	2	7,50	40	
DOL	415 - 415	1	2	7,50	40	
DOL	440 - 480	1	2	10	40	
DOL	550 - 600	1	2	10	40	
DOL	110 - 120	3	3	5	40	
DOL	220 - 240	3	3	15	40	
DOL	415 - 415	3	3	15	40	
DOL	440 - 480	3	3	25	40	
DOL	550 - 600	3	3	30	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	40	1	1	1	
AC	600	40	1	2	1	
AC	600	40	3	3	1	
GENERAL TECHNICAL INFORMATION						
Size of conductor						
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)		Material of the wire	
Solid wire	Min.	2	0.75mm ²		Copper	
Solid wire	Min.	1	1.5mm ²		Copper	
Flexible wire	Max.	1	AWG 6		Copper	
Flexible wire	Min.	1	2.5mm ²		Copper	
Flexible wire	Max.	1	10mm ²		Copper	
Flexible wire	Min.	2	1.5mm ²		Copper	
Single-core or stranded wire	Max.	1	AWG 6		Copper	
Single-core or stranded wire	Max.	1	16mm ²		Copper	
Flexible wire with sleeve	Max.	1	10mm ²		Copper	
Flexible wire with ferrule according to DIN 46228	Min.	2	0.75mm ²		Copper	
Flexible wire with ferrule according to DIN 46228	Min.	1	1.5mm ²		Copper	
Stripping length						
Length (mm) --						
						
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)	
1,80					16	
Approbations						
Specification						Marking
EAC						
CE marking						
UK Directives						
UL 60947-4-1; CSA C22.2 No. 60947-4-1						

Approbations	Marking
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Specification	
CSA C.22.2 No.14	
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)	
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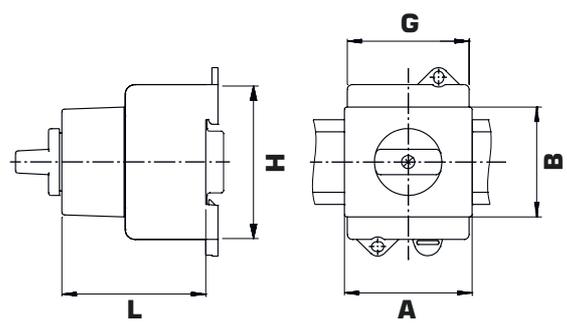
	Description
	Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.krausnaimer.com

Proposition 65	
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	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

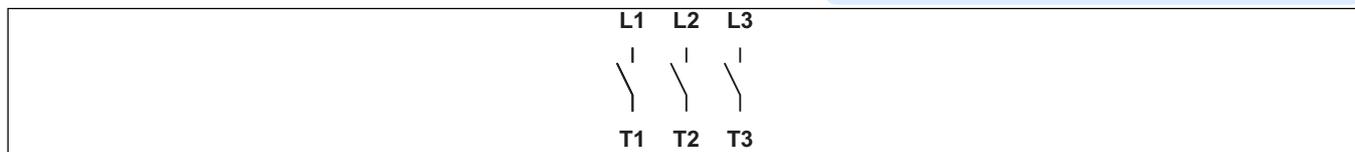
Mounting-VE2



IP - Code front side	IP40
Stages	2,00 - 3,00
A	H 52,40 mm
B	H 45,40 mm
G	H 50,00 mm
H	H 64,00 mm
L	H 56,50 mm

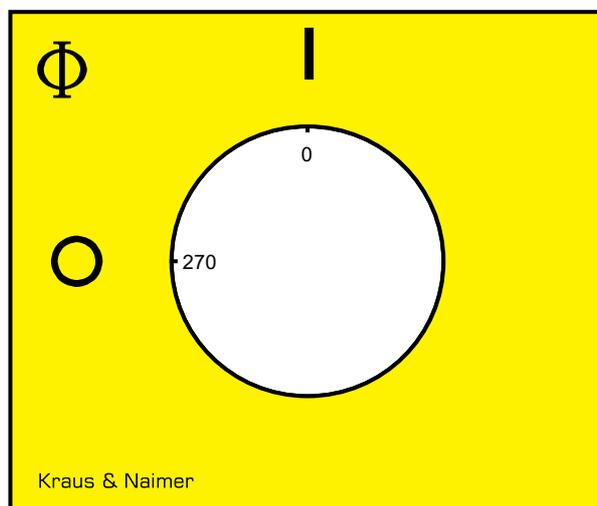
Wiring diagram

KG41.T303.VE2



Face plate

K1.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

