

Sample image

Datasheet

Article number: 70010102

Designation: KG41.T303/58.VE2

Description: Switch Global Disconnecter

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Rated insulation voltage Ui						
Voltage (V) AC / DC						
690 AC						
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	
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.						

General Information						
Text						
- 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 (mm²) or (AWG/kcmil)		Material of the wire
solid wire	Min.		2	0.75mm²		Copper
solid wire	Min.		1	1.5mm²		Copper
flexible wire	Max.		1	AWG 6		Copper
flexible wire	Min.		1	2.5mm²		Copper
flexible wire	Max.		1	10mm²		Copper
flexible wire	Min.		2	1.5mm²		Copper
Single-core or stranded wire	Max.		1	AWG 6		Copper
Single-core or stranded wire	Max.		1	16mm²		Copper
flexible wire with sleeve	Max.		1	10mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.		2	0.75mm²		Copper
flexible wire with ferrule according to DIN 46228	Min.		1	1.5mm²		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						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
Text						
- EMC Note: This device is suitable for use in environment A and B.						

General Information

Text

- 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.
- 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.

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

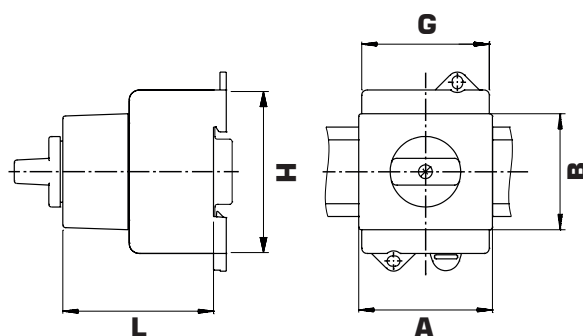
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-VE2



IP - Code front side		IP20
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



Switch program

KG41.T303.VE2



Kraus & Naimer

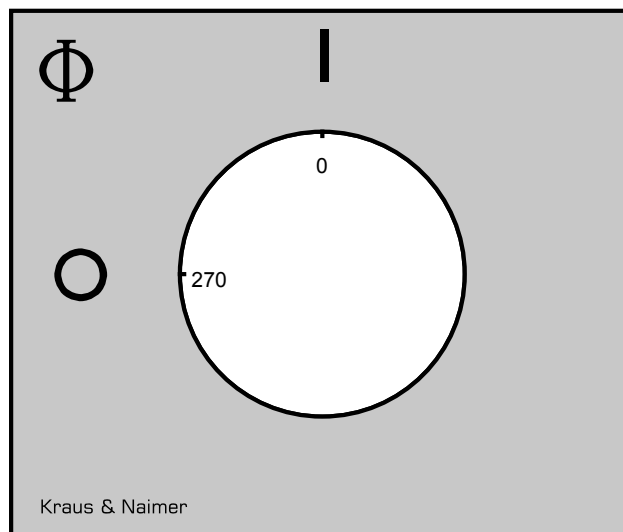
KG41
T303
Page 1 of 1

Face Plate									
		L1 1	L2 3	L3 5	7	9	11	13	15
									
Switching Angle	90	2	4	6	8	10	12	14	16
Total switching Angle	90	T1	T2	T3					
0	270								
1	0								
	90								
	180								

Version: 102

Face plate

K1.F456/C10.VE2



PADLOCK DEVICE

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

Designation: S0.V840B/E7D

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

Colour of handle: "7" electro-grey, locking bar flag red

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

