

Sample image

Datasheet

Article number: 70024970

Designation: KG20A.T103/01.FTF

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		
25	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		20
Rated operational power					
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3	220 - 240	3	3	4	
AC-3	380 - 440	3	3	5,50	
AC-3	660 - 690	3	3	5,50	
AC-23A	220 - 240	3	3	5,50	
AC-23A	380 - 440	3	3	7,50	
AC-23A	660 - 690	3	3	7,50	
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			
25		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	40
DOL	220 - 240	1	2	3	40
DOL	277 - 277	1	2	3	40
DOL	415 - 415	1	2	5	40
DOL	440 - 480	1	2	5	40
DOL	550 - 600	1	2	5	40
DOL	110 - 120	3	3	2	40
DOL	200 - 240	3	3	7,50	40
DOL	415 - 415	3	3	10	40
DOL	440 - 480	3	3	15	40
DOL	550 - 600	3	3	20	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 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	25	1	1	1
AC	600	25	1	2	1
AC	600	25	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	
		25	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	40
DOL		220 - 240	1	2	3	40
DOL		277 - 277	1	2	3	40
DOL		415 - 415	1	2	5	40
DOL		440 - 480	1	2	5	40
DOL		550 - 600	1	2	5	40
DOL		110 - 120	3	3	2	40
DOL		220 - 240	3	3	7,50	40
DOL		415 - 415	3	3	10	40
DOL		440 - 480	3	3	15	40
DOL		550 - 600	3	3	20	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	25	1	1	1	
AC	600	25	1	2	1	
AC	600	25	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
Flexible wire	Max.		1	AWG 10		Copper
Flexible wire	Max.		1	4mm²		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
Stripping length						
			Length (mm) --			
						
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						
CSA C.22.2 No.14						
General Information						
Text						
- Alleen koperleidingen met of zonder vertinde/verzilverde draden (per draad) gebruiken. Het nadien vertinnen van de uiteinden is niet toegestaan.						
- 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.						
- Het gebruik van een extra apparaat kan de beschermingsklasse van de gekozen bouwvorm beïnvloeden.						
- 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

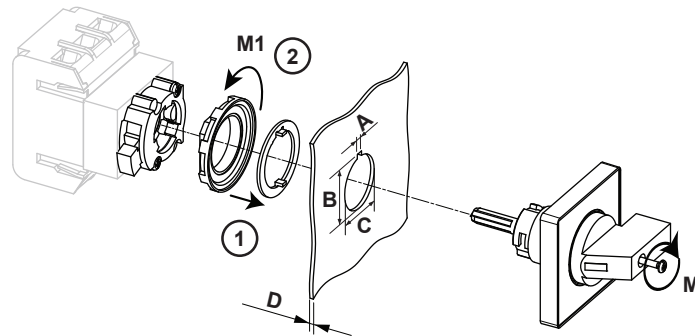
Picture name	Description
	WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-FT2



IP - Code front side	IP66, IP67, IP69k
Stages	1,00 - 5,00
A	H 3,20 mm
A+_tol.	H 0,20 mm
A-_tol.	H 0,00 mm
B	H 24,10 mm
B+_tol.	H 0,40 mm
B-_tol.	H 0,00 mm
C	Ø 22,30 mm
C+_tol.	Ø 0,40 mm
C-_tol.	Ø 0,00 mm
D	H ≤ 6,00 mm
E	□ 48,00 mm
M	↺ 0,50 Nm
M1	↺ 1,80 Nm



Wiring diagram

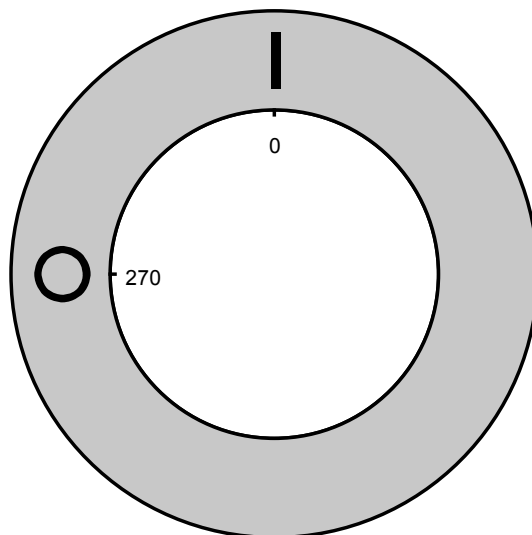
KG20A.T303.FT2



Version: 102

Face plate

S1.F456/C10.V11H





Sample image

PADLOCK DEVICE

with F-handle ring

Designation: S1.V840G/A71/F21

Colour of F-handle ring: "A" black

Colour of face ring: "7" electro-grey

Locking position: "1" at 270° (1x90°)

Type of mounting: "F" for type of mounting *FT2 and *FH3

Switch type: "2" for KA-, KG- and KH(R)-switches

Type of version: "1" for next smaller switch size (IP65)

