



Sample image

## **KG20**

Type Size: S00

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

IEC 6094	17-3 EN	N 60947-3, VD	E 0660 Teil 107						
Rated insula	ation vol	tage Ui							
				Voltage	(V) AC/DC				
					690 AC				
Rated impu	lse withs	tand voltage Uimp							
Voltag	ge (kV)	Overvoltage categ	gory Pollution	degree Supply s	ystem			Function	
	6	III	3	Valid for	lines with grounded com	mon neutral termination		Switch / Switch disconnector	
		current lu/lth							
Current (	ırrent (A)  Ambient temperature (°C)  Peak temperature (°C)  additional requirements								
	25		50	55	Ambient temperature +5	50°C during 24 hours with pea	ks up to +55°C		
		ed thermal current	I Ithe						
Current (A)	Amb	ient temperature (°C)	Peak temperature (°C)	Additional requirements		No. of stages (from - to)	Mounting	Mounting size	
25		35	40	Ambient temperature +35 peaks up to +40°C	°C during 24 hours with	-	-		
Rated opera	ational cu	urrent le							
Utilization ca						Voltage (V)		Current (	
AC-32A	20 - 400								
AC-20A					690				
AC-21A						20 - 690			
AC-22A						220 - 500			
AC-22A						660 - 690			
Rated opera	ational po	ower							
Utilization ca	_			Voltage (V)	No. of phases	No.	. of poles	Power (kl	
AC-3				220 - 240	3		3		
AC-3				380 - 440	3 3			5,	
AC-3				500 - 500	3 3			5,	
AC-3				660 - 690	3 3			5,	
AC-3				220 - 240				2,	
AC-3				380 - 440		2			
AC-23A				220 - 240		3			
AC-23A				380 - 440	3		3		
AC-23A				500 - 500	3		3	7, 7,	
AC-23A				660 - 690	3		3	7,	
AC-23A				220 - 240	1		2	,	
AC-23A				380 - 440	1		2		
Max Fuse R	ating IEC	;							
Fuse charac	teristic					No. of Fuses		Current (	
gG						1			
UL60947	7-4-1,	UL508							
Rated insula	ation vol	tage Ui							
				Voltage	• •				
					600 AC				
Rated therm	nal curre	nt							
			Current (A)		Ambient temp	, ,	t		
			25			0 - 40			
General Info	ormation								
Text									

- When intended for use as switch used in Photovoltaic applications the devices shall be provided with a method of being locked in the OFF-position.

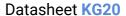


## General Information

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 disconnector the device shall be provided with a method of being locked in the OFF-position.

CSA						
Rated insulation voltage Ui						
· ·		Voltage (V) AC / DC				
		600 AC	_			
Rated thermal current	Current (A)	Ambient to	emperature	(°C) Additional Text		
	25	, unbionit		-40 <i>-</i>		
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws	tightoni	ng torque (Nm)			tia!	tening torque (lb-in
	ugnterm	1,25			tign	terning torque (ib-in
Rated short-time withstand current lcw						
		Time (s)				Current (A
Size of conductor		1	-			350
composition of conductor	Min. / Max. value	No. of conductor pe	r torminal	Cross section (mm²) or	Material of th	o wiro
		No. or conductor pe		(AWG/kcmil)		e wii e
solid wire solid wire	Min. Min.		1	0.75mm <sup>2</sup>	Copper 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	
Approbations Specification					_	Marking
EAC						EAC
CE marking						CE
UK Directives						
Lloyd´s Register EMEA						Lloyd's Register
IEC 60947-3; EN 60947-3; VDE 0660 Teil107						IEC 60947-3 EN 60947-3
UL 60947-4-1; CSA C22.2 No. 60947-4-1						CUL US
CSA C.22.2 No.14						<b>(1)</b> ®
GB/T14048.3						GB/T14048.3
Russian Maritme Register of Shipping						
Power loss per pole						Power (W
						0,70
Conditions during transport and storing						





Shock / Vibration	
Type of oscillation	Values
Resistance to vibration	Min. 4g, 2-100Hz, 1,6mm
Resistance to shock	min. 6g, 6ms
General Information	

## Text

- EMC Note: This device is suitable for use in environment A and B.
- 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.
- For devices with lockable handles: the position of the handle of these devices shall be marked to guide proper operation.
- The "ON" and "OFF" position may be marked using the symbols "I" and "O" according IEC60417, Symbols 5007 and 5008.

Operating temperature	
Min. Temperature [°C]	Max. Temperature [°C]
-5	55