



Sample image

## **KG80**

Type Size: S1

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

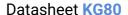
IEC 60947-3 E	N 60947-3, VD	E 0660 Teil 107					
Rated insulation vo	ltage Ui						
			Voltage	• •			
				690 AC			
	stand voltage Uimp		de une e				Function
Voltage (kV)	Overvoltage cate	•	degree Supply s	ree Supply system			
6	o d						
Rated uninterrupted Current (A)	ted current lu/lth  Ambient temperature (°C)		Peak temperature (°C) additional requirements				
80		50	55 Ambient temperature +50°C during 24 hours with peaks up to +55°C				
	sed thermal curren				,		
Current Amb	bient temperature (°C)	Peak temperature (°C)	Additional requirements		No. of stages (from - to)	Mounting	Mounting size
80	35	40	Ambient temperature +35 peaks up to +40°C	C during 24 hours with	-	-	
Rated operational c	current le						
Jtilization category				Vo	oltage (V)		Current
AC-32A					20 - 400		
AC-20A					690		
AC-21A					20 - 690		
AC-22A				2	220 - 500		
AC-22A				6	560 - 690		
Rated operational p	oower						
Itilization category			Voltage (V)	No. of phases	No.	of poles	Power (
AC-3			220 - 240	3		3	
AC-3			380 - 440	3		3	
AC-3			500 - 500	3		3	
AC-3			660 - 690	3		3	1:
AC-23A			220 - 240	3		3	18
AC-23A			380 - 440	3		3	
AC-23A			500 - 500	3		3	
AC-23A			660 - 690	3		3	
Max. Fuse rating IE	c						
Fuse characteristic					No. of Fuses		Current
JG			1				
JL60947-4-1 ,	UL508						
Rated insulation vo	ltage Ui						
			Voltage	• •			
				600 AC			
Rated thermal curre	ent						
Current (A)			Ambient temperature (°C) Additional Text				
		80			0 - 40 —		
General Information	n						
ext							

<sup>-</sup> 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.

<sup>-</sup> 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				
Rated insulation voltage of		Voltage (V) AC / DC		
		600 AC		
Rated thermal current	2 (4)		(00)	
	Current (A) 80	Ambient temperature	e (°C) Additional Text 0 - 40	
			7 40	
GENERAL TECHNICAL INFORMATION				
Tightening torque of screws				
	tighteni	ing torque (Nm) 3		tightening torque (lb-ir 2
Rated short-time withstand current lcw		3		
		Time (s)		Current (A
Size of conductor		1		160
	Min. / Max. value	No of conductor per terminal	Cross section (mm²) or	Material of the wire
composition of conductor		No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	
Solid wire Flexible wire	Min. Min.	1	2.5mm² 4mm²	Copper Copper
Flexible wire	Max.	1	35mm²	Copper
Flexible wire	Max.	1	AWG 2	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 Flexible wire with ferrule according to DIN 46228	Max. Min.	<u> </u>	35mm² 2.5mm²	Copper Copper
Flexible wife with ferfule according to DiN 40226	IVIII I.	'	2.5111111	Сорреі
Approbations				
Specification				Marking Marking
				PRP
EAC				EAC
CE marking				CE
UK Directives				
Lloyd's Register EMEA				Lloyd's Register
,				Kegister
				IEC 60947-
IEC 60947-3; EN 60947-3; VDE 0660 Teil107				EN 60947-
IEC 60947-6-1				IEC 60947-6
				EN 60947-6
UL 60947-4-1; CSA C22.2 No. 60947-4-1				. <b>.</b>
OL 00347-4-1, OSA OZZ.Z NO. 00347-4-1				C U) US LISTED7787
CSA C.22.2 No.14				<b>(1)</b> ®
GB/T14048.3				<b>(1)</b>
				GB/T14048.3
Dungion Maritma Davietes of Chinaia				
Russian Maritme Register of Shipping				
Power loss per pole				
				Power (V
Conditions during transport and storing				1,7
Minimum tem	perature (°C)	Maximum temperature	e (°C) additional requirements	
	-40		85 In case of temperature	s below -5°C no shock load permissible
Shock / Vibration Type of oscillation		Values		
Resistance to vibration		Min. 4g, 2-100Hz, 1,6mm		
Resistance to shock		min. 6g, 6ms		





## 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.

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