



Sample image

## **KG80**

Type Size: S1

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

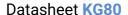
Classification Terminal: Screw terminal

Rated insulat	tion volta	ge Ui							
				Voltage	(V) AC/DC				
					690 AC				
Rated impuls	e withst	and voltage Uimp							
Voltage	e (kV)	Overvoltage categ	ory Pollution	degree Supply s	ystem				Function
	6	III	3	Valid for	lines with grounded con	nmon neutral t	ermination		Switch / Switch disconnector
Rated uninte	rrupted c	urrent lu/Ith							
Current (A		Ambient	temperature (°C)	Peak temperature (°C)	additional requirements	s			
8			50	55	Ambient temperature +	+50°C during 2	4 hours with pea	ks up to +55°C	
		d thermal current	Ithe						
Current (A)	Ambie	nt temperature (°C)	Peak temperature (°C)	Additional requirements		No. o	f stages (from - to)	Mounting	Mounting size
80		35	40	Ambient temperature +35 peaks up to +40°C	'C during 24 hours with		-		
ated operat	ional cur	rent le							
Itilization ca	tegory					Voltage (V)			Current
C-32A						20 - 400			
C-20A						690			
C-21A						20 - 690			
C-22A						220 - 500			
C-22A						660 - 690			
Rated operat		ver							
Itilization ca	tegory			Voltage (V)	No. of phases		No.	of poles	Power (I
VC-3				220 - 240	3			3	
VC-3				380 - 440	3			3	
VC-3				500 - 500	3			3	
VC-3				660 - 690	3			3	18
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	
/lax Fuse Ra									
use charact	eristic					N	o. of Fuses		Current
G							1		
JL60947-	-4-1 , U	L508							
ated insulat	tion volta	ge Ui							
				Voltage					
					600 AC				
ated therma	al curren		Current (A)		Ambient tem	(00)	Additional 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.
- 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				
ratea insulation voltage of		Voltage (V) AC / DC		
		600 AC		
Rated thermal current	Current (A)	Ambient temperatur	(°C) Additional Taxt	
	Current (A) 80	Ambient temperature	e (°C) Additional Text 0 - 40	
			, 40	
GENERAL TECHNICAL INFORMATION				
Tightening torque of screws				
	tightenii	ng torque (Nm) 3		tightening torque (lb-ii
Rated short-time withstand current Icw		3		
		Time (s)		Current (A
		1		160
Size of conductor			Cross section (mm²) or	
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	2.5mm²	Copper
flexible wire	Min.	1	4mm²	Copper
flexible wire	Max.	1	35mm²	Copper
flexible wire	Max.	1	AWG 2	Copper
Single-core or stranded wire Single-core or stranded wire	Max.	1	AWG 1/0 50mm <sup>2</sup>	Copper
flexible wire with sleeve	Мах.	1	35mm²	Copper Copper
flexible wire with seeve flexible wire with ferrule according to DIN 46228	Min.	1	2.5mm <sup>2</sup>	Copper
Approbations				
Specification				Marking
540				rnr
EAC				EAC
CE marking				CE
UK Directives				
OK Directives				
Lloyd's Register EMEA				Lloyd's Register
				108,300
IEC 60947-3; EN 60947-3; VDE 0660 Teil107				IEC 60947-
120 00547 3, EN 00547 3, VDE 0000 TENTO				EN 60947-
				IEC 60947-€
IEC 60947-6-1				EN 60947-6
				ER 00047 V
UL 60947-4-1; CSA C22.2 No. 60947-4-1				CUL US LISTED77B7
				LISTED77B7
CSA C.22.2 No.14				<b>(1)</b> ®
GB/T14048.3				<b>(1)</b>
				GB/T14048.3
Duration Maritana Partitana of Objection				
Russian Maritme Register of Shipping				
Power loss per pole				
				Power (V
Conditions during transport and storing				
Minimum tem		Maximum temperature		
Shock / Vibration	-40		85 In case of temperatures	s below -5°C no shock load permissible
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					