



Sample image

KG80

Type Size: S1

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

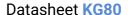
Classification Terminal: Screw terminal

Rated insulation voltage L	i						
<u> </u>			Voltage	(V) AC/DC			
			-	590 AC			
Rated impulse withstand	roltage Uimp						
Voltage (kV) Over	voltage category	Pollution	degree Supply s	/stem			Function
6 III		3	Valid for lines with grounded common neutral termination			Switch / Switch disconnector	
Rated uninterrupted curre	nt lu/lth						
Current (A)	Ambient temper	ature (°C)	Peak temperature (°C)	additional requirements			
80		50	55	Ambient temperature +	50°C during 24 hours with pea	ks up to +55°C	
Conventional enclosed the							
Current Ambient te (A)	mperature Peak (°C)	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 current	le						
Itilization category					Voltage (V)		Current
AC-32A					20 - 400		
AC-20A					690		
AC-21A					20 - 690		
AC-22A			220 - 500				
AC-22A					660 - 690		
Rated operational power			14.15				- "
Itilization category			Voltage (V)	No. of phases	No.	of poles	Power (F
VC-3			220 - 240	3		3	
VC-3			380 - 440	3		3	
AC-3			500 - 500	3		3	
AC-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	_
Max Fuse Rating IEC					No. of France		0
use characteristic				No. of Fuses (Current	
IG .	20				ı		
U 60047 4 1 JULE	16						
JL60947-4-1 , UL5							
	i						
	i		Voltage	(V) AC/DC			
Rated insulation voltage L	i 			(V) AC/DC 500 AC			
JL60947-4-1, UL5 tated insulation voltage tated thermal current	i ————————————————————————————————————	Current (A)		, ,	perature (°C) 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 ²	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 ²	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				(1) ®
GB/T14048.3				(1)
				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]
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