



Sample image

KG80

Type Size: S1

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

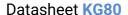
Classification Terminal: Screw terminal

Voltage (kV) Voevoltage category Pollution degree Supply system Supp	ated insula	tion voltage Ui						
Martin M				Voltage	(V) AC/DC			
Mathematical Parameters Mathematical Par								
Seed without Seed Marie Seed without Seed See	ated impuls	se withstand voltage Uimp)					
Rated uninterrupted current lu/life	Voltage	e (kV) Overvoltage cate	gory Pollution	degree Supply s	ystem			Function
Current (A)		-	3	Valid for	lines with grounded common neu	ıtral termination		switch
So								
Conventional enclosed thermal current labe Current Ambient temperature Woltage Current Ambient temperature Woltage Current Additional requirements Woltage Current Woltage Woltage Woltage Current Woltage Current Woltage Current Woltage	•	•	, , ,	, , ,	•			
Ambient temperature (r/c)		•		55	Ambient temperature +50°C du	ring 24 hours with peal	ks up to +55°C	
A						No. of otogoo (from		
Rated operational current le Voltage (V)			Peak temperature (°C)	Additional requirements			Mounting	Mounting size
Wellization category	80	35	40		°C during 24 hours with		-	
AC-32A 20 - 400 AC-21A 20 - 690 AC-21A 20 - 690 AC-22A 220 - 500 AC-22A 660 - 690 AC-22A 660 - 690 AC-32A 30 AC-34 30 AC-35 30 AC-35 30 AC-36 30 AC-37 30 AC-38 30 AC-38 30 AC-39 30 AC-39 30 AC-39 30 AC-39 30 AC-30 30	ated operat	tional current le						
AC-20A 690 AC-21A 20 - 690 AC-22A 220 - 500 AC-22A 660 - 690 Rated operational power Willization category Voltage (V) No. of phases No. of poles Power (K AC-3 20 - 240 3 3 3 3 4 40 3 3 3 3 40-3 40-3 3 3 3 18 40-3 3 3 3 18 40-3 3 3 3 18 40-3 3 3 3 18 40-3 3 3 3 18 40-3 3 3 3 18 40-23A 60-23A 60-600 3 3 3 3 3 18 40-23A 60-23A 60-600 3 3 3 3 3 18 40-23A 60-23A 60-600 3 3 3 3 3 18 40-23A 60-23A 60-600 3 3 3 3 3 18 40-23A 60-25A 60-600 3 3 3 3 3 18 40-23A 60-25A 60-600 3 3 3 3 3 18 40-23A 60-25A 60-600 3 3 3 3 3 18 40-23A 60-25A 60-600 3 3 3 3 3 18 40-25A 60-600 3 3 3 3 18 40-25A 60-25A 60-600 3 3 3 3 18 40-25A 60-25A 60-600 3 3 3 3 18 40-25A 60-25A 60-2	tilization ca	tegory			Voltage	· (V)		Current
AC-21A 20 - 690 AC-22A 220 - 500 AC-22A AC-22A 660 - 690 AC-22A AC								
AC-22A 20-500 660 - 690 AC-22A AC-22A AC-22A AC-22A AC-22A AC-23A A								
AC-22A 660 - 690 Rated operational power Voltage (V)					20 -	690		
Rated operational power								
Voltage (V)					660 -	690		
AC-3				V / AA	N 6 1		· ·	2 "
AC-3 380 - 440 3 3 3 AC-3 500 - 500 3 3 3 AC-3 660 - 690 3 3 3 18 AC-23A 220 - 240 3 3 3 18 AC-23A 380 - 440 3 3 3 AC-23A 380 - 440 3 3 3 AC-23A 500 - 500 3 3 3 AC-23A 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 1 Wax Fuse Rating IEC Fuse characteristic No. of Fuses Current of 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text		rtegory		- , ,	·	No.	•	,
AC-3								
AC-3								
AC-23A 220 - 240 3 3 3 18 AC-23A 380 - 440 3 3 3 AC-23A 550 - 550 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 7								
AC-23A 380 - 440 3 3 3 AC-23A 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 Max Fuse Rating IEC Fuse characteristic No. of Fuses Current gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC/DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text								
AC-23A 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 Max Fuse Rating IEC Fuse characteristic No. of Fuses Current gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC Rated thermal current Current (A) Ambient temperature (*C) Additional Text								10,
AC-23A 660 - 690 3 3 Max Fuse Rating IEC Fuse characteristic No. of Fuses Current gG UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text								
Max Fuse Rating IEC Fuse characteristic No. of Fuses Current gG UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text								
Fuse characteristic No. of Fuses Current gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	-	ating IEC			Ţ.		,	
UL60947-4-1 , UL508 Rated insulation voltage Ui						No. of Fuses		Current
Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	G					1		
Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	JL60947.	-4-1 , UL508						
600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	ated insula	tion voltage Ui						
Rated thermal current Current (A) Ambient temperature (°C) Additional Text								
Current (A) Ambient temperature (°C) Additional Text					600 AC			
	ated therm	al current	0		A	(80) Additional T		
			, ,		•	, ,		

- 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				
		Voltage (V) AC / DC		
Date of the course of		600 AC		
Rated thermal current	Current (A)	Ambient temperature	(°C) Additional Text	
	80) - 40	
GENERAL TECHNICAL INFORMATION				
Tightening torque of screws				
	tighter	ing torque (Nm)		tightening torque (lb-in)
Rated short-time withstand current lcw		3		27
Rateu Short-time withstand current icw		Time (s)		Current (A)
		1		1600
Size of conductor			Cross sestion (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 flexible wire	Max.	1	35mm² AWG 2	Copper 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	Max.	1	35mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	2.5mm²	Copper
Approbations Specification				Marking
•				
EAC				EAL
CE marking				CE
UK Directives				
5.15.1150.1155				
Lloyd's Register EMEA				Lloyds Register
IEC 60947-3; EN 60947-3; VDE 0660 Teil107				IEC 60947-3 EN 60947-3
				EN 00947-3
IEC 60947-6-1				IEC 60947-6-
				EN 60947-6-
III 60047 4 1, 004 022 2 No. 60047 4 1				
UL 60947-4-1; CSA C22.2 No. 60947-4-1				CUL US LISTED77B7
CSA C.22.2 No.14				®
GB/T14048.3				GB/T14048.3
				GB/T14048.3
Russian Maritme Register of Shipping				
Power loss per pole				Power (W)
				1,70
Conditions during transport and storing Minimum tem	nerature (°C)	Maximum temperature	e (°C) additional requirement	s .
Millillium tem	-40	ıvıaxıınını temperature		s es below -5°C no shock load permissible
Shock / Vibration			I I I I I I I I I I I I I I I I I I	
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
Max. Temperature [°C]	Min. Temperature [°C]
EE	E