



KG80

Type Size: S1 Classification Contact: Rigid contact bridge **Classification Contact Mat: Silver Classification Terminal: Screw terminal**

Sample image

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Rated insula	ation voltage Ui						
			Voltage	(V) AC/DC			
				690 AC			
Rated impul	lse withstand voltage Uimp)					
Voltag	ge (kV) Overvoltage cate	gory Pollution	degree Supply s	ystem			Function
	6 III	3	Valid for	lines with grounded con	nmon neutral termination		Switch / Switch disconnector
Rated uninte	errupted current lu/Ith						
Current ((A) Ambient	temperature (°C)	Peak temperature (°C)	additional requirements	3		
1	80	50	55	Ambient temperature +	-50°C during 24 hours with pea	ks up to +55°C	
Conventiona	al enclosed thermal curren	t Ithe					
Current (A)	Ambient 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 opera	ational current le						
Utilization ca	ategory				Voltage (V)		Current (A)
AC-32A					20 - 400		80
AC-20A					690		80
AC-21A					20 - 690		80
AC-22A					220 - 500		80
AC-22A					660 - 690		65
	ational power						
Utilization ca	ategory		Voltage (V)	No. of phases	No	. of poles	Power (kW)
AC-3			220 - 240	3		3	15
AC-3			380 - 440	3		3	22
AC-3			500 - 500	3		3	30
AC-3			660 - 690	3		3	18,50
AC-23A			220 - 240	3		3	18,50
AC-23A			380 - 440	3		3	30
AC-23A			500 - 500	3		3	37
AC-23A			660 - 690	3		3	22
Max. Fuse r							
Fuse charac	teristic				No. of Fuses		Current (A)
gG					1		80
UL60947	′-4-1 , UL508						
Rated insula	ation voltage Ui						
			Voltage				
				600 AC			
Rated therm	nal current						
		Current (A)		Ambient tem	,	t	
		80			0 - 40		
General Info	ormation						

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



Datasheet KG80

Rated thermal current	Ambient temperature	Ambient temperature (°C) Additional Text				
	Current (A) 80	0				
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
	tightenir	ng torque (Nm)		tightening torque (lb-		
Rated short-time withstand current Icw		3				
		Time (s)		Current		
Size of conductor		1		16		
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or	Material of the wire		
Solid wire	Min.	1	(AWG/kcmil) 2.5mm²	Copper		
Flexible wire	Min.	1	4mm ²	Copper		
Flexible wire	Max.	1	35mm ²	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	50mm ²	Copper		
Flexible wire with sleeve	Max.	1	35mm²	Copper		
Flexible wire with ferrule according to DIN 46228	Min.	1	2.5mm ²	Copper		
Approbations Specification				Marking		
- EAC				ERC		
CE marking				CE		
JK Directives						
Lloyd´s Register EMEA				Lloyd's Register		
IEC 60947-3; EN 60947-3; VDE 0660 Teil107				IEC 60947 EN 60947		
IEC 60947-6-1				IEC 60947- EN 60947-		
JL 60947-4-1; CSA C22.2 No. 60947-4-1				c Usted 7/87		
				LISTED7787		
CSA C.22.2 No.14				() ®		
GB/T14048.3				GBIT14048.3		
Russian Maritme Register of Shipping						
Power loss per pole				Power (
				1,		
Conditions during transport and storing Minimum temp	perature (°C) -40	Maximum temperature		s s below -5°C no shock load permissibl		
Shock / Vibration	·-					
ype of oscillation		Values				
Resistance to vibration		Min. 4g, 2-100Hz, 1,6mm				

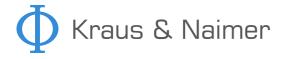
Resistance to shock min. 6g, 6ms
General Information

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.



General Information Text

- 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.
- The protection class of the selected mounting type may vary in 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] -5 Max. Temperature [°C] 55