



Sample image

## KG161

Type Size: S2

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Bolt terminal

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

Rated insulation voltage Ui						
		Voltage (V)	AC / DC			
		1000	AC			
Rated impulse withstand voltage Uimp						
Voltage (kV)	Overvoltage category	Pollution degree	Supply system	Function		
8	III	3	Valid for lines with grounded common neutral termination	Switch / Switch disconnector		
Rated uninterrupted current Iu/Ith						
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements			
160	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C			
Conventional enclosed thermal current Ithe						
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements	No. of stages (from - to)	Mounting	Mounting size
160	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C	--	--	--
Rated operational current Ie						
Utilization category			Voltage (V)		Current (A)	
AC-32A			20 - 400		160	
AC-20A			1000		160	
AC-21A			20 - 690		160	
AC-22A			220 - 500		160	
AC-22A			660 - 690		100	
Rated operational power						
Utilization category		Voltage (V)	No. of phases	No. of poles		Power (kW)
AC-3		220 - 240	3	3		30
AC-3		380 - 440	3	3		45
AC-3		500 - 500	3	3		55
AC-3		660 - 690	3	3		37
AC-23A		220 - 240	3	3		30
AC-23A		380 - 440	3	3		55
AC-23A		500 - 500	3	3		75
AC-23A		660 - 690	3	3		37
Max. Fuse rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		160	

### UL60947-4-1, UL508

Rated insulation voltage Ui				
		Voltage (V)	AC / DC	
		600	AC	
Rated thermal current				
		Current (A)	Ambient temperature (°C)	Additional Text
		200	0 - 40	--

#### General Information

##### 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.

### CSA

Rated insulation voltage Ui				
		Voltage (V)	AC / DC	
		600	AC	

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	200	0 - 40	--

## GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
	tightening torque (Nm)	tightening torque (lb-in)
	14	125

Rated short-time withstand current I <sub>cw</sub>		
	Time (s)	Current (A)
	1	3000

Approbations	
Specification	Marking

CE marking



UK Directives

IEC 60947-3; EN 60947-3; VDE 0660 Teil107

**IEC 60947-3**  
**EN 60947-3**

IEC 60947-6-1

**IEC 60947-6-1**  
**EN 60947-6-1**

UL 60947-4-1; CSA C22.2 No. 60947-4-1



CSA C.22.2 No.14



Power loss per pole	
	Power (W)
	5

Conditions during transport and storing			
	Minimum temperature (°C)	Maximum temperature (°C)	additional requirements
	-40	85	In case of temperatures below -5°C no shock load permissible

General Information	
Text	

- The wiring aid has to be removed before voltage is applied!
- 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



Dimensions ring cable lug		
	A(mm)	20,00 mm
	A(mm)	25,00 mm