



Sample image

KG160

Type Size: S2

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw 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 disconnecter
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
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)
		200	0 - 40
		160	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 Icw

Time (s)	Current (A)
1	3000

Size of conductor

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	6mm²	Copper
flexible wire	Max.	1	70mm²	Copper
flexible wire	Min.	1	16mm²	Copper
flexible wire	Max.	1	AWG 2/0	Copper
Single-core or stranded wire	Max.	1	95mm²	Copper
Single-core or stranded wire	Max.	1	AWG 3/0	Copper
flexible wire with sleeve	Max.	1	70mm²	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	10mm²	Copper

Approbations

Specification	Marking
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EAC



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



GB/T14048.3


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

- 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.

Operating temperature

Min. Temperature [°C]	Max. Temperature [°C]
-5	55