



Sample image

KG210

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 U_i

Voltage (V)	AC / DC
1000	AC

Rated impulse withstand voltage U_{imp}

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 I_u /I_{th}

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements
200	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C

Conventional enclosed thermal current I_{the}

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements	No. of stages (from - to)	Mounting	Mounting size
200	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C	--	--	--

Rated operational current I_e

Utilization category	Voltage (V)	Current (A)
AC-20A	1000	200
AC-21A	20 - 690	200
AC-22A	220 - 500	200
AC-22A	660 - 690	125

Rated operational power

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-3	220 - 240	3	3	37
AC-3	380 - 440	3	3	55
AC-3	500 - 500	3	3	75
AC-3	660 - 690	3	3	40
AC-23A	220 - 240	3	3	37
AC-23A	380 - 440	3	3	75
AC-23A	500 - 500	3	3	90
AC-23A	660 - 690	3	3	45

Max. Fuse rating IEC

Fuse characteristic	No. of Fuses	Current (A)
gG	1	200

UL60947-4-1, UL508

Rated insulation voltage U_i

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 U_i

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)
16	140

Rated short-time withstand current Icw	
Time (s)	Current (A)
1	4000

Size of conductor				
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)	Material of the wire
Solid wire	Min.	1	16mm ²	Copper
Flexible wire	Max.	1	MCM 300	Copper
Flexible wire	Max.	1	150mm ²	Copper
Flexible wire	Min.	1	25mm ²	Copper
Single-core or stranded wire	Max.	1	185mm ²	Copper
Single-core or stranded wire	Max.	1	MCM 350	Copper
Flexible wire with sleeve	Max.	1	120mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	16mm ²	Copper

Approbations	
Specification	Marking
EAC	
CE marking	
UK Directives	
IEC 60947-3; EN 60947-3; VDE 0660 Teil107	IEC 60947-3 EN 60947-3

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	

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- 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