



Sample image

KG317

Type Size: S2

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Bolt 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		
315		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
315	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-20A				1000		315	
AC-21A				20 - 690		315	
AC-22A				220 - 500		250	
AC-22A				660 - 690		140	
Rated operational power							
Utilization category			Voltage (V)	No. of phases	No. of poles		Power (kW)
AC-3			220 - 240	3	3		45
AC-3			380 - 440	3	3		75
AC-3			500 - 500	3	3		90
AC-3			660 - 690	3	3		45
AC-23A			220 - 240	3	3		55
AC-23A			500 - 500	3	3		132
AC-23A			380 - 440	3	3		110
AC-23A			660 - 690	3	3		45
Max. Fuse rating IEC							
Fuse characteristic				No. of Fuses		Current (A)	
gG				1		315	

UL60947-4-1, UL508

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC
Rated thermal current			
Current (A)		Ambient temperature (°C)	Additional Text
300		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)
		600
		AC / DC
		AC

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	300	0 - 40	--

GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
	tightening torque (Nm)	tightening torque (lb-in)
	16	140

Rated short-time withstand current I _{cw}		
	Time (s)	Current (A)
	1	5800

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
Flexible wire	Max.	1	MCM 300	Copper
Flexible wire	Max.	1	150mm 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

Approbations	
Specification	Marking

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)
	12,70

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!
- 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)	25,00 mm
A(mm)	34,00 mm