



Sample image

CG4-1

Type Size: S00

Classification Contact: Rigid contact bridge

Classification Contact Mat: Gold plated

Classification Terminal: Screw terminal

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

Rated insulation voltage Ui

Voltage (V)	AC / DC
440	AC / DC

Rated impulse withstand voltage Uimp

Voltage (kV)	Overvoltage category	Pollution degree	Supply system	Function
4	III	3	Valid for lines with grounded common neutral termination	switch

Rated uninterrupted current Iu/Ith

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements
10	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C

Conventional enclosed thermal current Ithe

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements	No. of stages (from - to)	Mounting	Mounting size
10	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-15	110 - 110	2,50
AC-15	220 - 240	2,50
AC-15	380 - 440	1,50
AC-20A	440	10
AC-21A	440	10
AC-22A	220 - 440	10

Rated operational power

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-6b	380 - 400	3	3	--
AC-6b	220 - 230	1	2	--
AC-2	220 - 240	3	3	2,50
AC-2	380 - 440	3	3	4,50
AC-3	220 - 240	3	3	1,50
AC-3	380 - 440	3	3	2,20
AC-3	110 - 120	1	2	0,30
AC-3	220 - 240	1	2	0,55
AC-3	380 - 440	1	2	0,75
AC-4	220 - 240	3	3	0,37
AC-4	380 - 440	3	3	0,55
AC-4	110 - 120	1	2	0,15
AC-4	220 - 240	1	2	0,25
AC-4	380 - 440	1	2	0,50
AC-23A	220 - 240	3	3	1,80
AC-23A	380 - 440	3	3	3
AC-23A	110 - 120	1	2	0,37
AC-23A	220 - 240	1	2	0,75
AC-23A	380 - 440	1	2	1,10

Max Fuse Rating IEC

Fuse characteristic	Numb Fuses	Current (A)
gG	1	10

UL60947-4-1, UL508

Rated insulation voltage Ui

Voltage (V)	AC / DC
300	AC

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	10	0 - 40	–

CSA

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

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	10	0 - 40	–

GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
	tightening torque (Nm)	tightening torque (lb-in)
	0,40	3,50

Rated short-time withstand current Icw		
	Time (s)	Current (A)
	1	90

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	0.5mm²	Copper	
solid wire	Min.	2	0.5mm²	Copper	
flexible wire	Min.	1	0.75mm²	Copper	
flexible wire	Min.	2	0.75mm²	Copper	
flexible wire	Max.	2	AWG 16	Copper	
flexible wire	Max.	2	1.5mm²	Copper	
Single-core or stranded wire	Max.	2	AWG 14	Copper	
Single-core or stranded wire	Max.	2	1.5mm²	Copper	
flexible wire with ferrule according to DIN 46228	Max.	2	1mm²	Copper	
flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm²	Copper	
flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm²	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



GB/T14048.3



Power loss per pole	
	Power (W)
	0,70

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

Shock / Vibration	
Type of oscillation	Values
Resistance to shock	min. 5g, 30ms

General Information	
Text	

- Do not lubricate or treat contacts.

General Information		
Text		
- 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. - After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.		
Operating temperature		
	Min. Temperature [°C]	Max. Temperature [°C]
	-25	60