



CG4

Type Size: S00

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Sample image

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



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)
0,40

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. - 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