

CG4V

Type Size: S00

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		
		440		AC / DC		
Rated impulse withstand voltage Uimp						
Voltage (kV)	Overtoltage category	Pollution degree	Supply system		Function	
4	III	3	Valid for lines with grounded common neutral termination		Switch / Switch disconnector	
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-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				No. of 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

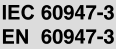
Tightening torque of screws	tightening torque (Nm)	tightening torque (lb-in)
	0,40	3,50

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 (mm ²) or (AWG/kcmil)	Material of the wire
Solid wire	Min.	1	0.5mm ²	Copper
Solid wire	Min.	2	0.5mm ²	Copper
Flexible wire	Min.	1	0.75mm ²	Copper
Flexible wire	Min.	2	0.75mm ²	Copper
Flexible wire	Max.	2	AWG 16	Copper
Flexible wire	Max.	2	1.5mm ²	Copper
Single-core or stranded wire	Max.	2	AWG 14	Copper
Single-core or stranded wire	Max.	2	1.5mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Max.	2	1mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm ²	Copper

Approbations	Marking
Specification	

CE marking 

EN45545-2
 UK Directives
 IEC 60947-3; EN 60947-3; VDE 0660 Teil107 

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**
- 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.

General Information*Text*

- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.
- 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]*

-25

Max. Temperature [°C]

60