



## 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)	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-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	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 <sup>2</sup> ) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	0.5mm <sup>2</sup>	Copper
solid wire	Min.	2	0.5mm <sup>2</sup>	Copper
flexible wire	Min.	1	0.75mm <sup>2</sup>	Copper
flexible wire	Min.	2	0.75mm <sup>2</sup>	Copper
flexible wire	Max.	2	AWG 16	Copper
flexible wire	Max.	2	1.5mm <sup>2</sup>	Copper
Single-core or stranded wire	Max.	2	AWG 14	Copper
Single-core or stranded wire	Max.	2	1.5mm <sup>2</sup>	Copper
flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm <sup>2</sup>	Copper
flexible wire with ferrule according to DIN 46228	Max.	2	1mm <sup>2</sup>	Copper
flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm <sup>2</sup>	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)**

0,40

**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]*

-25

*Max. Temperature [°C]*

60