



Sample image

## KGD58B

Type Size: S1

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 $U_i$

Voltage (V)	AC / DC
1000	DC with 4 contacts/pole in series

#### Rated impulse withstand voltage $U_{imp}$

Voltage (kV)	Overtoltage category	Pollution degree	Supply system	Function
6	II	3	--	Switch / Switch disconnecter

#### Rated uninterrupted current $I_u/I_{th}$

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements
63	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C

#### Max. Fuse rating IEC

Fuse characteristic	No. of Fuses	Current (A)
gG	1	63

### GENERAL TECHNICAL INFORMATION

#### Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
1,80	16

#### Rated short-time withstand current $I_{sw}$

Time (s)	Current (A)
1	580

#### 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
Flexible wire	Max.	1	AWG 6	Copper
Flexible wire	Max.	1	10mm <sup>2</sup>	Copper
Single-core or stranded wire	Max.	1	AWG 6	Copper
Single-core or stranded wire	Max.	1	16mm <sup>2</sup>	Copper
Flexible wire with sleeve	Max.	1	10mm <sup>2</sup>	Copper

#### Approbations

Specification	Marking
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CE marking



#### UK Directives

IEC 60947-3; EN 60947-3; VDE 0660 Teil107

**IEC 60947-3**  
**EN 60947-3**

#### Power loss per pole

Power (W)
2

#### 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

- 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.

**General Information***Text*

- 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]*

-5

*Max. Temperature [°C]*

55