



Sample image

## KGD58

Type Size: S0

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

1000 DC with 4 contacts/pole in series

#### Rated impulse withstand voltage Uimp

Voltage (kV) Overvoltage category

Pollution degree

Supply system

Function

6 II

3

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Switch / Switch  
disconnecter

#### Rated uninterrupted current Iu/Ith

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

#### Rated short-time withstand current Icw

Time (s)

Current (A)

1

580

#### Size of conductor

composition of conductor

Min. / Max. value

No. of conductor per terminal

Cross section (mm²) or  
(AWG/kcmil)

Material of the wire

Flexible wire

Max.

1

AWG 6

Copper

Flexible wire

Max.

1

10mm²

Copper

Single-core or stranded wire

Max.

1

AWG 6

Copper

Single-core or stranded wire

Max.

1

16mm²

Copper

Flexible wire with sleeve

Max.

1

10mm²

Copper

#### Recommended screw driver

Type of screw driver

Value

Cross Screwdriver

PH2

Slot screwdriver according to DIN 5264

1x5,5

#### Tightening torque of screws

tightening torque (Nm)

tightening torque (lb-in)

1,80

16

#### Approbations

Specification

Marking

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.
- 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