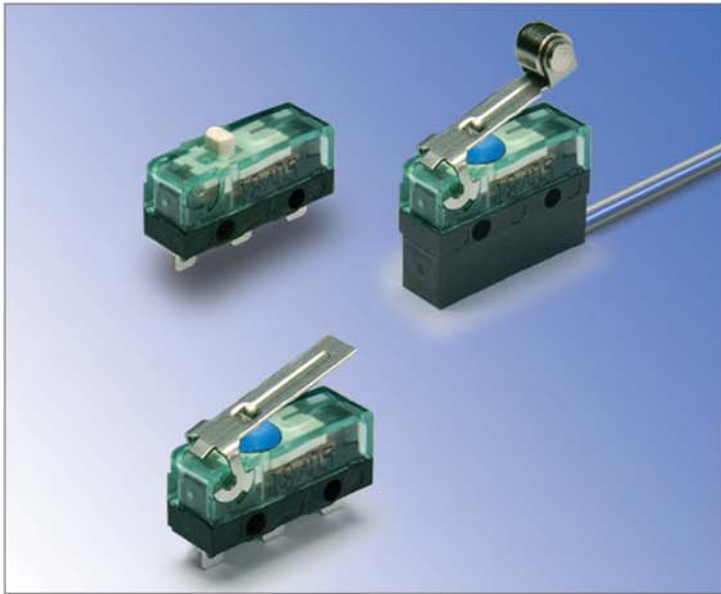


## S880 SERIES SNAP-ACTION SWITCH



S880 series snap-action switch

The S880 is the smallest of Schaltbau's snap action switches. This high quality switch in V4 format includes many of the features that have made the rest of the range synonymous with safety and long operational life. For high integrity or safety related equipment, this switch can be relied upon to give outstanding service.

Typical applications include:-

- > Safety limit switch for switchgear and control gear, for example in medical engineering and process automation.
- > Limit switch for machine, door and system control
- > Compact equipment such as joysticks
- > Safety door locking switch in household appliances

### Features

- > V4 package snap-action switch with positive opening operation
- > Dimensions (LxDxH):  
20.0 x 6.6 x 9.4 mm max
- > Wiping, self-cleaning contacts
- > Snap-action mechanism highly resistant to shock and vibration
- > Design life of types sealed to IP40: 5 million operating cycles min.
- > Great variety of auxiliary actuators available

### Technical Data

Series	S880
Conv. therm.current $I_{th}$	6A
Protection Degree	IP40/IP60/IP67
Impulse withst. voltage $U_{imp}$	250V
Pollution degree	3
Protection degree	IP40
Actuating force	2.00 N max.
Contact Force	0.20 N min.
Contact Material	Silver or Gold
Mechanical life	10 million operations min.
Temperature range	-40°C ... +85°C (flat tab, printed board) -25°C ... +85°C (leads, cable)
Dimensions	20.5x6.6x9.4mm max
Weight	approx. 14g
Termination	Flat tab (DIN 46244: 2.8 x 0.5) Printed board (DIN 41636-3) Leads Cable
Reset Force	0.35 N min.

# S880 ORDERING CODE

Example: **S880 W 1 G 6 a**

**Series** \_\_\_\_\_

**Contact type** \_\_\_\_\_

**W** SPDT

**Protection** \_\_\_\_\_

	Contacts	Terminals
<b>1</b>	IP 40	IP 00
<b>2</b>	IP 60	IP 00
<b>3</b>	IP 67	IP 67*

**Terminals** \_\_\_\_\_

**B** Leads attached on side opp. actuator, L = 500 mm

**G** Solder terminals

**Contact material** \_\_\_\_\_

**6** Silver (Ag/AgSnO<sub>2</sub>)

**Actuator options:** \_\_\_\_\_

**a** Pushbutton (standard)

**k** Plain lever, short

**r** Roller lever, long

**t** Roller lever, short

\* only in combination with terminal option B

Please apply to us for cross reference information if you need to identify contactors with old numbers prefixed 'S'