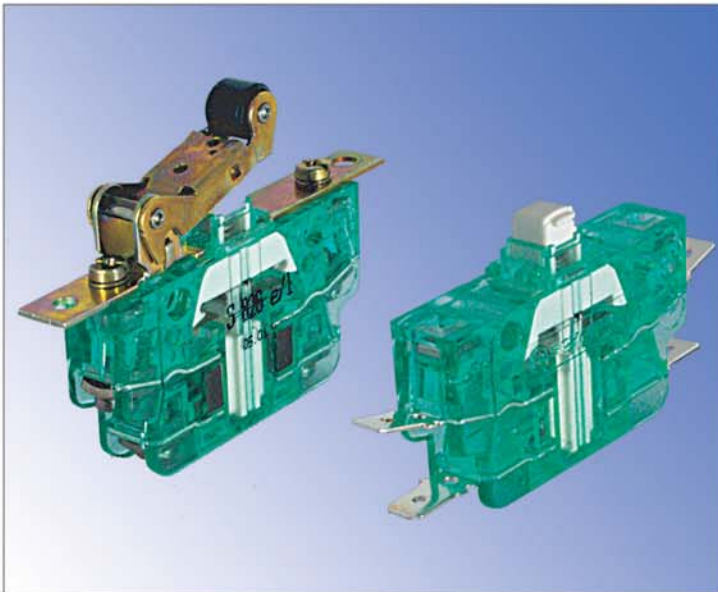


## S826 SERIES SNAP-ACTION SWITCHES



S826 Series snap-action switches

The forced contact mechanism of S826 switches ensures positive opening even when the contacts have become welded due to a short circuit situation, therefore they are used in applications where safety is a prime requirement.

Due to the fast changeover speed of the contacts and independence of the actuation speed, relatively high loads can be safely handled.

The unique structure of the fixed and moving contacts ensures multiple points of contact and an efficient self cleaning system. This feature enables low loads to be reliably switched even in circumstances of infrequent operation.

Applications:

- ▶ Safety limit switch in control units
- ▶ Door control limit switch
- ▶ Auxiliary switch for contactors and circuit breakers

### Features

- ▶ Performance in accordance with standards VDE 0660 part 200 (EN 60947-5-1)
- ▶ Self-cleaning contacts, double contact points
- ▶ Double Pole Double Throw (DPDT) contacts, galvanically isolated
- ▶ Interchangeable with S800
- ▶ Self cleaning contacts
- ▶ Rating - low level to 10A permanent
- ▶ Failsafe mechanism

Galvanically separate contacts

### Technical Data

Series	S826
Conv. therm.current $I_{th}$	10A
Utilization category	AC 15 230 V AC / 1.0A DC 13 110 V DC / 0.5A
Impulse withst. voltage $U_{imp}$	4 kV
Pollution degree	3
Protection degree	IP40
Actuator force	3 N
Actuator travel	3.2mm
Contact type	NO + NC
Mechanical life	10 million operations
Temperature range	-40 C ... +85 C
Dimensions	50 x 28 x 12 mm
Weight	20 ... 40g

## S826 ORDERING CODE

Example: **S826 b 10 / 20 / 40 L**

### Type / contact

**S826** NO + NC

### Actuators

- a** roller lever with fixing brackets
- as** same as "a" with slotted holes
- b** standard button
- c** fixing brackets
- cs** fixing brackets with slotted holes
- d** roller lever and angled fixing brackets
- e** roller lever only

### Contact material

No Number silver  
**10** gold

### Terminals

No Number saddle clamps for single wire connection  
**20** faston 6.3 x 0.8mm (spade terminals)  
**22** without screws  
**30** screw terminals with flat washers for ring or fork terminals

### Operating and release forces

**40** strengthened return spring  
**41** strengthened return spring and snap spring

### Accessories

No Number no magnetic blowout  
**L** integral magnetic blowout