

# Keylock Switch S10/S33



Miniature keylock switch for simple locking and switching tasks.

- Type S10 with 90° switching angle, 20 different locks.  
Key removable in the »off« position only or in both positions.
- Type S33 with 60° switching angle, 10 different locks.  
2 or 3 switching positions.  
Key nickel plated and with plastic cap.  
Switching positions marked in colour on the front ring.

## 1.0 Construction

1.1 Number of wafers max.	1 wafer
1.2 Switching combinations per wafer Design J, detent angle 90°	Type S10: Off – On
Design B, detent angle 60°	2 positions Type S33: Off – On; On – On, optional
3 positions	Type S33: Off – On – On
1.3 Contacts	Type S10: soldering lugs, Type S33: pads
1.4 Mounting	Central mounting front

## 2.0 Electrical Data

	Type S10/Type S33
2.1 Switching power max.	125 VA / W
2.2 Switching voltage max.	250 V $\approx$
2.3 Switching current max.	1 A
2.4 Test voltage at 50 Hz	between contacts 1000 V contact / ground 1000 V keylock / switch 1000 V
2.5 Contact resistance initial value	$\leq 10 \text{ m}\Omega$
2.6 Insulation resistance	$2,2 \times 10^8 \Omega$

## 3.0 Mechanical Data

3.1 Stops	Fixed
3.2 Dust protection	Sealed wafers

## 4.0 Other Data

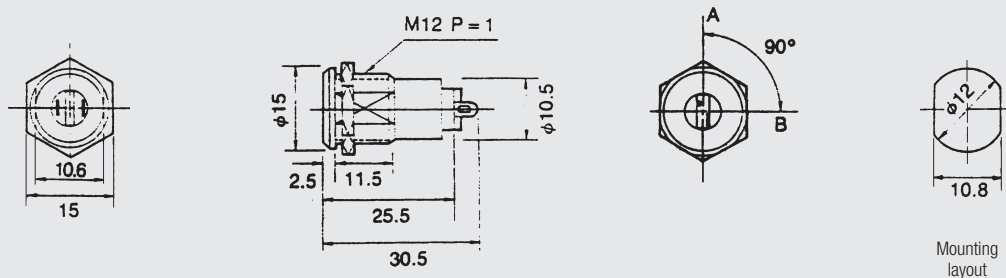
4.1 Contact material	Ag
4.3 Soldering time and temperature max.	3 s at 350°C, manual soldering

Ordering codes

Designation of type	<b>S 10 / S 33</b>
Keylock version S10	1 = Key removable in the »off« position only 2 = Key removable in both positions
Keylock version S33	1 = Two positions (1x C/O = on – on) 2 = Two positions (off – on) 3 = Three positions (off – on – on)

The bold-typed data in the yellow order blocks remain unchanged.  
Normal-typed data match the drawings and can be modified according to your wishes.  
Blanks need to be completed according to the ordering details on the previous page.

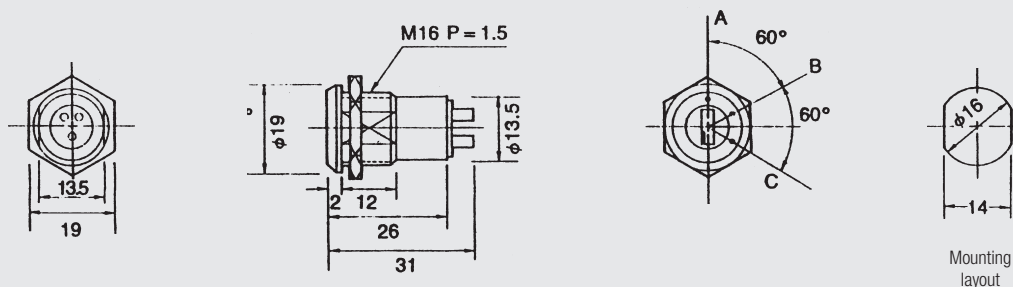
## Dimensional Drawings · Dimensions in mm



Keylock version  
1 = Key removable in the »off« position only  
2 = Key removable in both positions

**S10** - Keylock version

S10 – Detent angle 90°



Keylock version  
1 = Two positions (1x C/O = on – on)  
2 = Two positions (off – on)  
3 = Three positions (off – on – on)

**S33** - Keylock version

S33 – Detent angle 60°