



PRODUCT INFORMATION

S834

2 pole enabling switch



Application:

The S834 enabling switch is typically used in automatic handling machines and robotics.

Function:

- **Switching contact 1:** Contact is made at switching contact 1 only in operating position. Switching contact 1 is open in rest position and in final position. Switching contact 1 is not activated as the switch reverts from final into the rest position.
- **Switching contact 2:** Contact is made at switching contact 2 in rest and operating position. Switching contact 2 remains open in final position.
- **Safety:** Return to rest position is guaranteed even after spring failure.

Standards

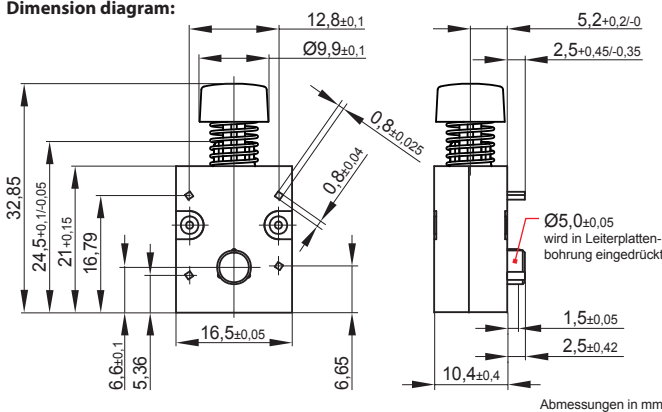
- IEC 60947-5-1, Annex K: Special requirements for control switches with direct opening action
- UL 94V-0: Flammability Standard

Ordering code:

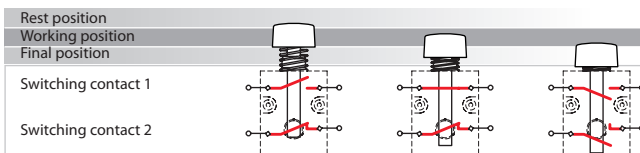
- S834 T1G2a 100 2 pole enabling switch S834

Dimension diagram

Dimension diagram:



Circuit diagram, functions:



Specifications

Conventional thermal current I_{th}	2.5 A
Rated insulation voltage U_i at contamination degree 2	250 V
Contact material	AgCu3
Contact gap	1,2 mm min.
Actuation force	
Actuation force to operating position	≤ 3 N
Holding force in operating position	< 3 N
Actuation force to final position	> 5 N
Positive opening force	≤ 21 N
Mechanical life	
Operations to working position	> 300.000 operations
Operations to final position	> 70.000 operations
Protection	Terminals IP00 Contact area IP50
Connection	Solder pins for Printed Circuit Board
Temperature range	0°C ... +55°C
Dimensions (L x W x H)	33 x 16.5 x 10.5 mm
Weight	4.2 g