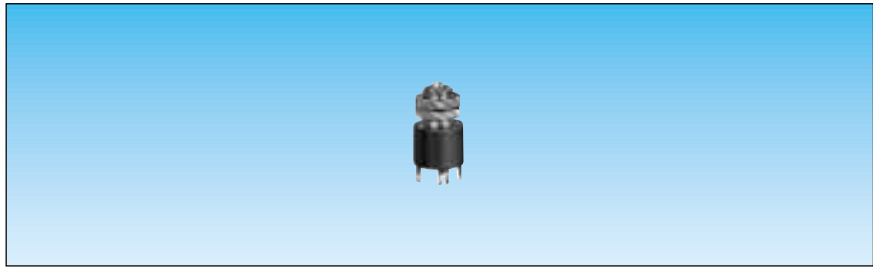
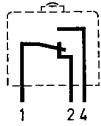


# Protected sub-miniature microswitches



## General specifications

### Layout



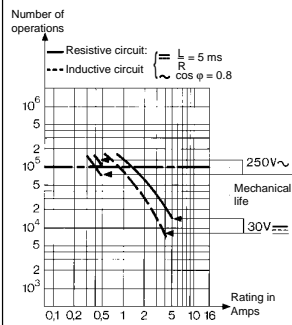
### Components

#### Material

- Case : glass-filled diallyl-phthalate resin
- Contacts : pure silver
- Threaded barrel : nickel brass

Approvals: UL/CSA on request

### Operating curve



### Mounting - Operation

See basic technical concepts on page 1/8

## Types

**83 129 0**

Features	Threaded barrel		
<b>Electrical characteristics</b>			
Current rating at 250 V	Nominal	A	0.5
	Thermal	A	8.5
<b>Mechanical characteristics*</b>			
Operating force - max.	N cm		1.7
Release force - min.	N cm		0.4
Permitted overtravel force - max.	N cm		4.5
Rest position - max.	mm		7
Tripping point	mm		6.6 ±0.3
Differential travel	mm		0.015 -> 0.05
Overtravel - min.	mm		0.15
Ambient operating temperature	°C		-40 +100
Mechanical durability	Operations		10 <sup>5</sup>
Contact gap	mm		0.15
Weight	g		1.3

\*This microswitch does not have a physical stop for the operating device and for this reason we advise users not to exceed the permitted overtravel if they wish the switch to continue operating with no change to any of its characteristics.

## Functions

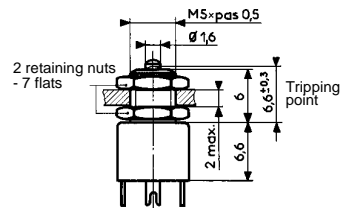
I (snap-action)

## Connections



W2 solder

## Dimensions



## Other information

For other fixings and levers, please consult us.

## To order, specify :

Standard products,  
non stocked



Part No

Example : 83 129 0 - I - W2