

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

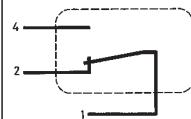
Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## General specifications

### Layout



### Components

#### Material

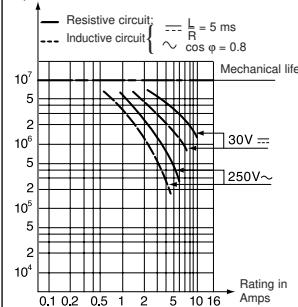
- Case : glass filled polyamide
- Contacts : silver

#### Actuators

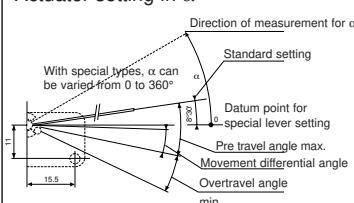
- Stainless steel wire

### Operating curve

Number of operations



### Actuator setting in $\alpha$



**Approvals** CSA (LR-20418), ASE, Semko, UTE & VDE.

For other connections, actuators, approvals accessories...Please consult factory

## Types

83 137 0

### Features

### Electrical characteristics

Current rating at 125-250 V	Nominal	A	5
	Thermal	A	14
Maximum operating force	N cm (in. oz)	0.12 (.17)	
Minimum release torque	N cm (in. oz)	0.03 (.042)	
Overtake torque	N cm (in. oz)	0.5 (.71)	
Movement differential	°	10 <sup>±0.4</sup>	
Overtake - min.	°	12	
Operating temperature	°C (F°)	-20 to 125 (-4 to 257)	
Mechanical life	Operations	10 <sup>7</sup>	
Contact gap	mm (in)	0.8 (.031)	
Weight	g (oz)	7.2 (.25)	

### Contact Type

C (Form C) SPDT

B (Form B) SPNC

A (Form A) SPNO

C

B

A

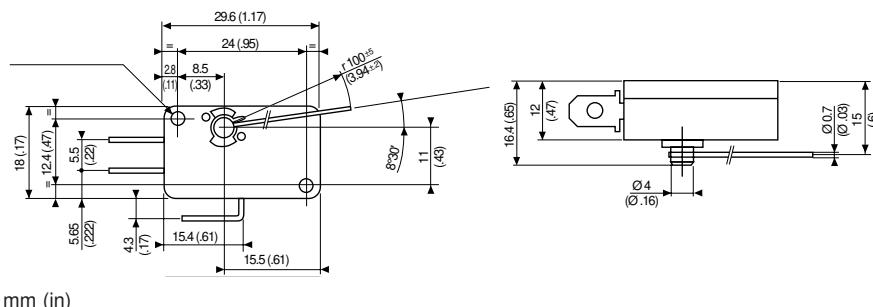
### Connections



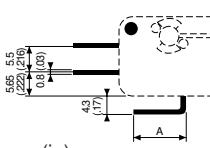
2 solder

3 for 1/4" Quick Connects

## Dimensions



### Dimensions connections



To order, please specify :

Example : 831370\_C 3 + W

1 Switch Type

831370

Example switch is: 831370, SPDT, 1/4" Q.C.

2 Contact Type

A  
B  
C

3 Connection

2  
3

Products and specifications subject to change without notice.

Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com

