



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



**83800 with plug-in body Top-mounted plunger with roller, threaded barrel Part number 83802001**


- Thermoplastic case
- Compact dimensions

**Part numbers**

	Type	Housing	Features
<b>83 802 001</b>	Top-mounted plunger with roller, threaded barrel	Thermoplastic	Plug-in body

**Specifications**

Conformity to standards	NFC 20030 class I IEC 356.1 - EN 60204.1
Version	

**Electrical characteristics**

Assigned insulation voltage $U_i$ (V)	250
Thermal current $I$ (A)	10
Assigned operating current ( $I_e$ )	5

**Connections**

Cable	On connector : W1 screw terminals - max. wire cross-section 2.5 mm <sup>2</sup>
Connection	For No. 9 sealing gland, 15.2 Ø, 1.411 pitch
Approvals	UL/CSA please consult us

Minimum operating force (N)	10
Minimum total travel force (N)	22
Minimum operating travel (mm)	1,5
Differential travel (mm)	0,4
Maximum total travel (mm)	5
Mechanical life (millions of operations) mini.	10 <sup>7</sup>
Operating temperature (°C)	-20 → +70
Protection rating	IP55
Weight (g)	57

**Accessories**

Description	Code
Galvanized, passivated steel lever Thermoplastic roller Supplied with nut, washer and locating block loose	83 803 0

**Principles**

**Function**

Four-terminal double break two-way contact element (form Za). The contacts must be of the same polarity.

Principles

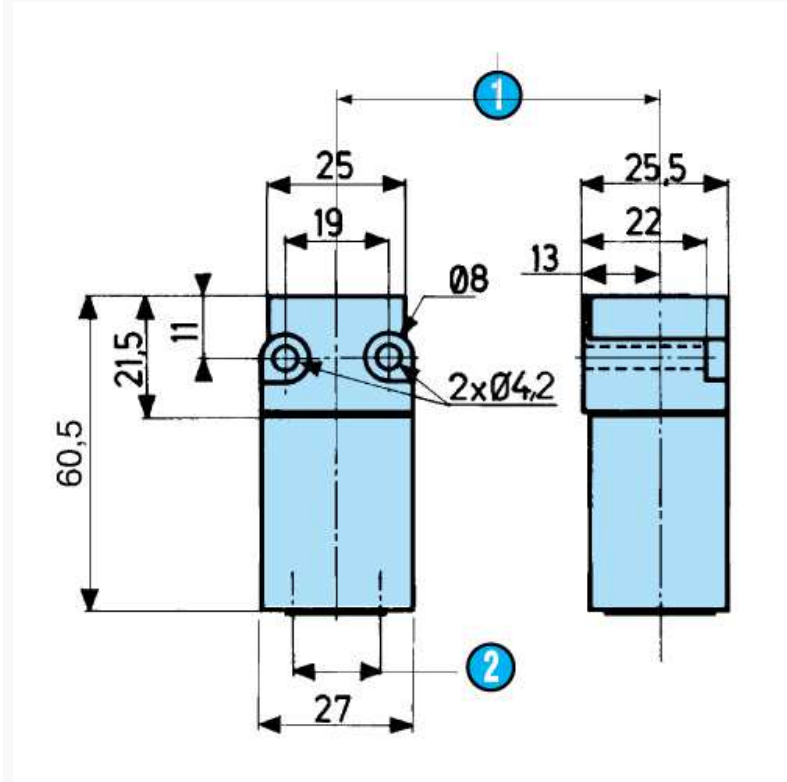


**Function**  
Four-terminal double break two-way contact element (form Za). The contacts must be of the same polarity.

Dimensions (mm)

Product

Casing

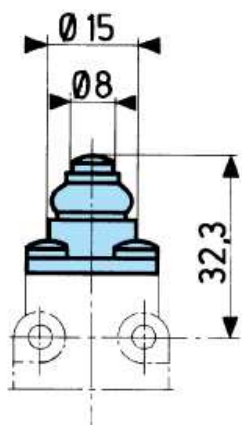


N°	Legend
1	Axis of head rotation
2	For No. 9 sealing gland

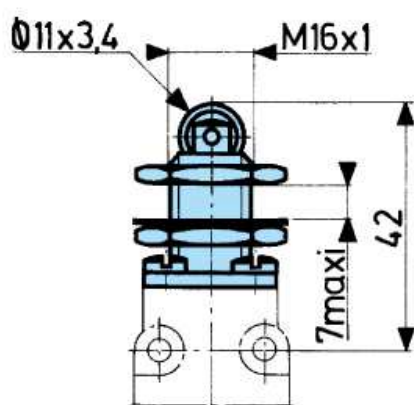
Dimensions (mm)

Product

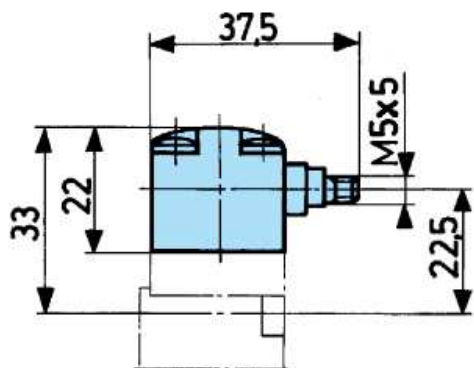
83 800

**Dimensions (mm)****Product**

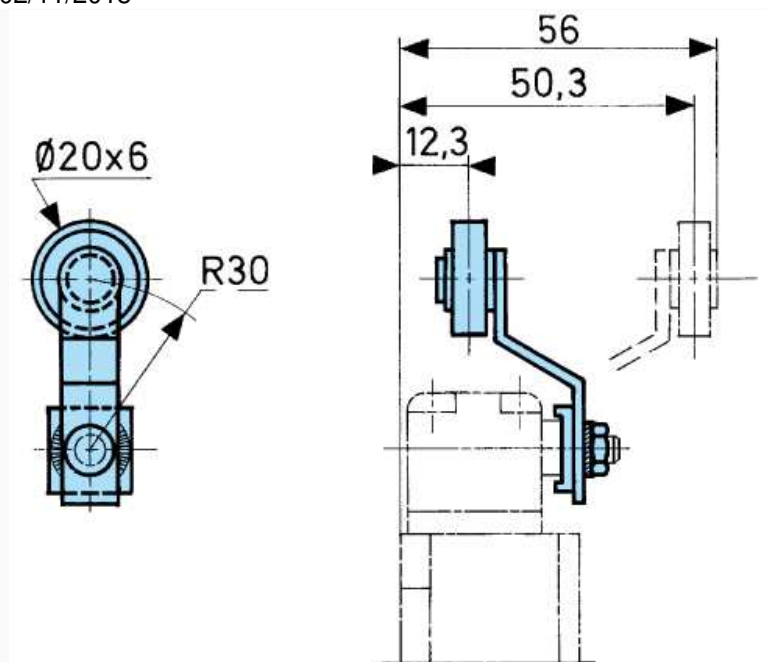
83 802

**Dimensions (mm)****Product**

83 803

**Dimensions (mm)****Actuators**

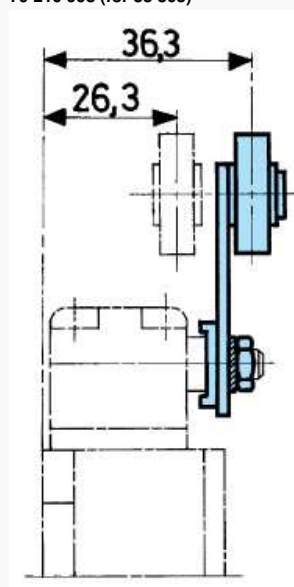
79 210 997 (for 83 803)



#### Dimensions (mm)

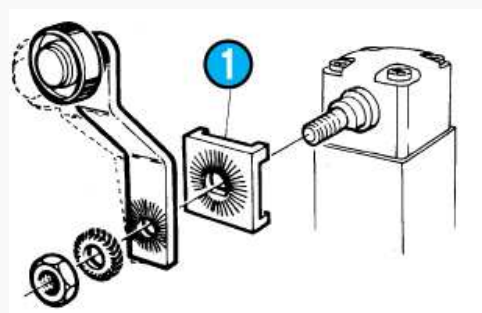
#### Actuators

79 210 998 (for 83 803)



#### Dimensions (mm)

#### Actuators

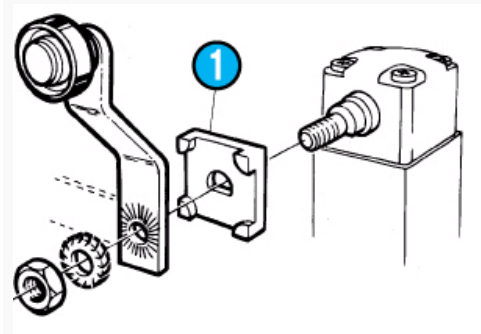


Lever settings or positions dictated by direction in which block 1 is fitted

N°	Legend
1	Block 1

Dimensions (mm)

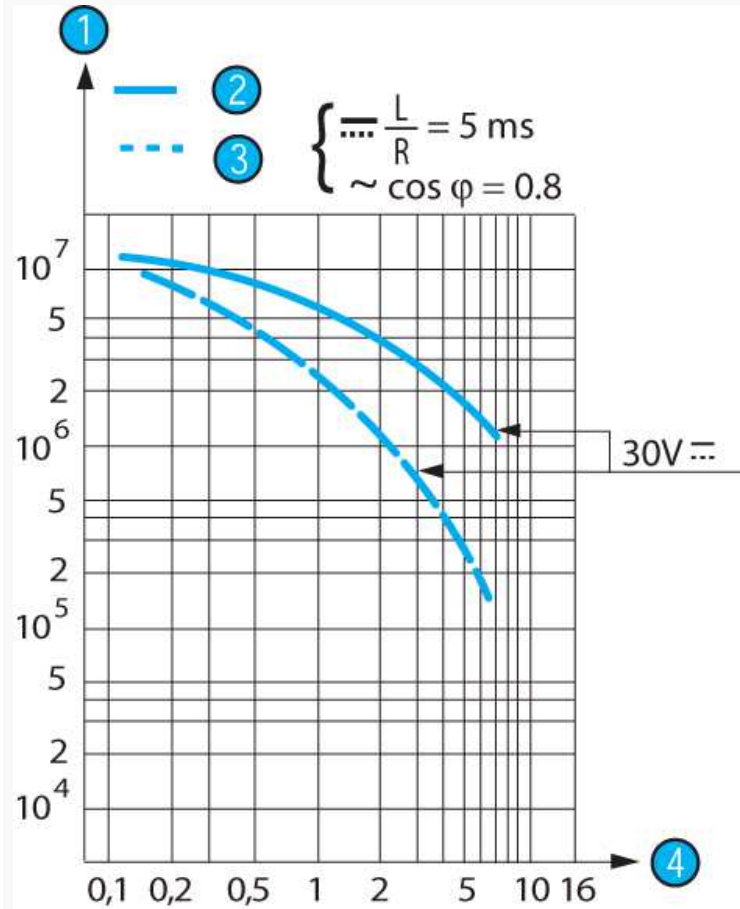
Actuators




Lever settings or positions dictated by direction in which block 1 is fitted

N°	Legend
1	Block 1

Curves



N° 2-3	Legend
1	Number of operations
2	Resistive circuit
3	Inductive circuit

	Current in Amps
--	-----------------

Other information

**Accessories for 83 803**  
Galvanized, passivated steel lever  
Thermoplastic roller  
Supplied with nut, washer and locating block loose