

**83800 with plug-in body Top-mounted plunger Part number 83800101**


- Thermoplastic case
- Compact dimensions

**Part numbers**

Type	Housing	Features
83 800 101 Top-mounted plunger	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.	$10^7$
Operating temperature (°C)	-10 → +70
Protection rating	IP65
Weight (g)	50

**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



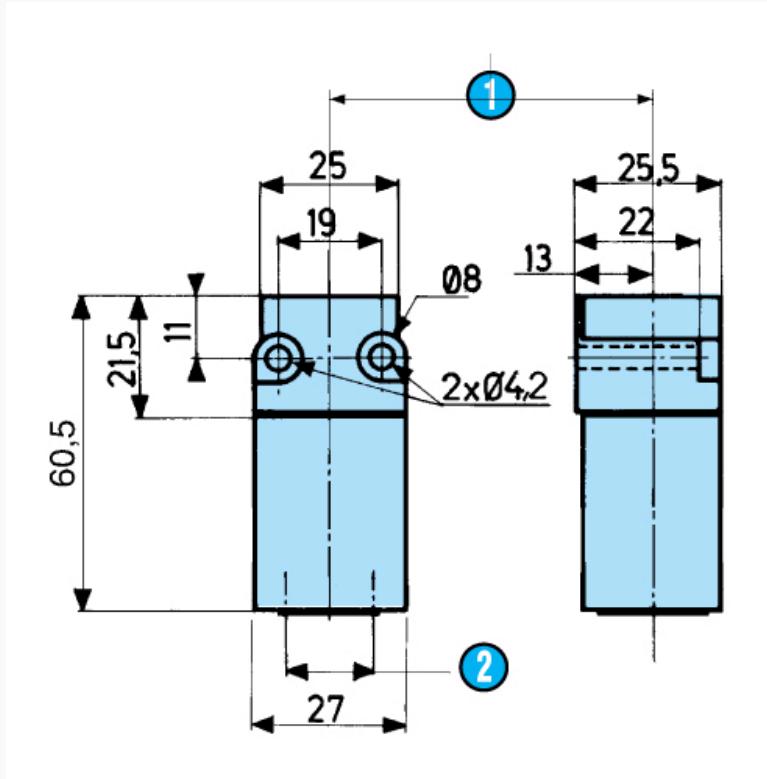
## Function

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

## Dimensions (mm)

## Product

## Casing

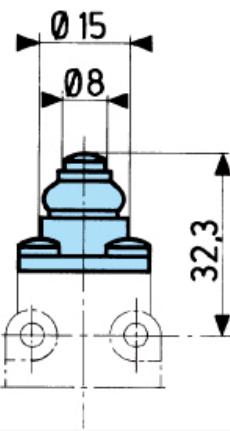


Nº	Legend
1	Axis of head rotation
2	For No. 9 sealing gland

## Dimensions (mm)

## Product

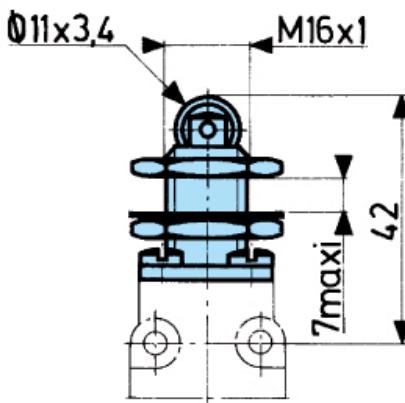
83 800 1



#### Dimensions (mm)

##### Product

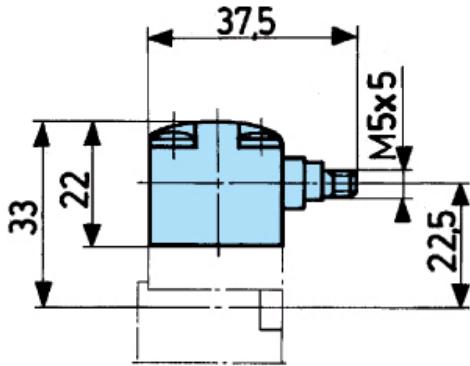
83 802



#### Dimensions (mm)

##### Product

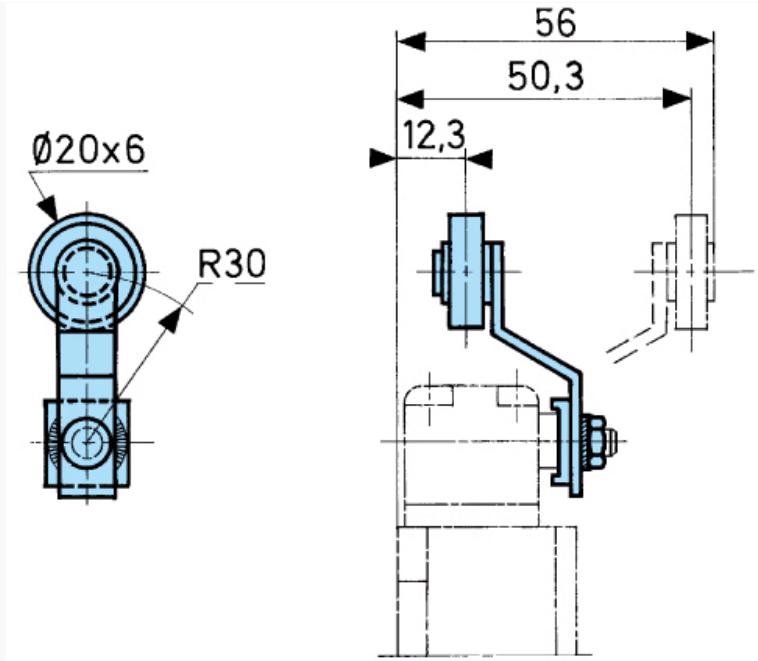
83 803



#### Dimensions (mm)

##### Actuators

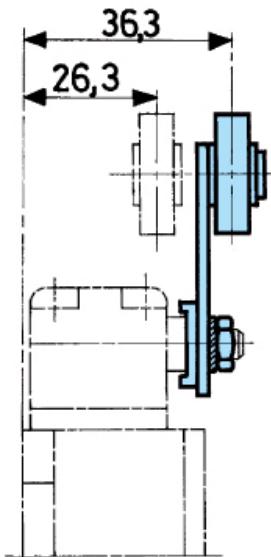
79 210 997 (for 83 803)



#### Dimensions (mm)

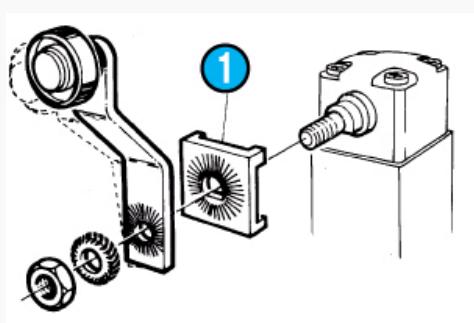
##### Actuators

79 210 998 (for 83 803)



#### Dimensions (mm)

##### Actuators

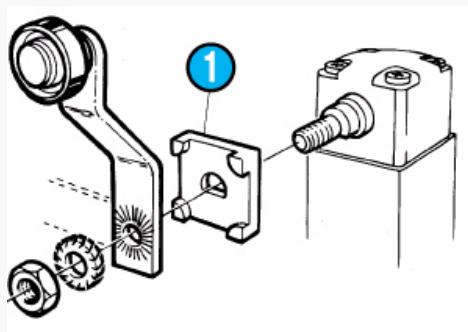


Lever settings or positions dictated by direction in which block 1 is fitted

Nº	Legend
1	Block 1

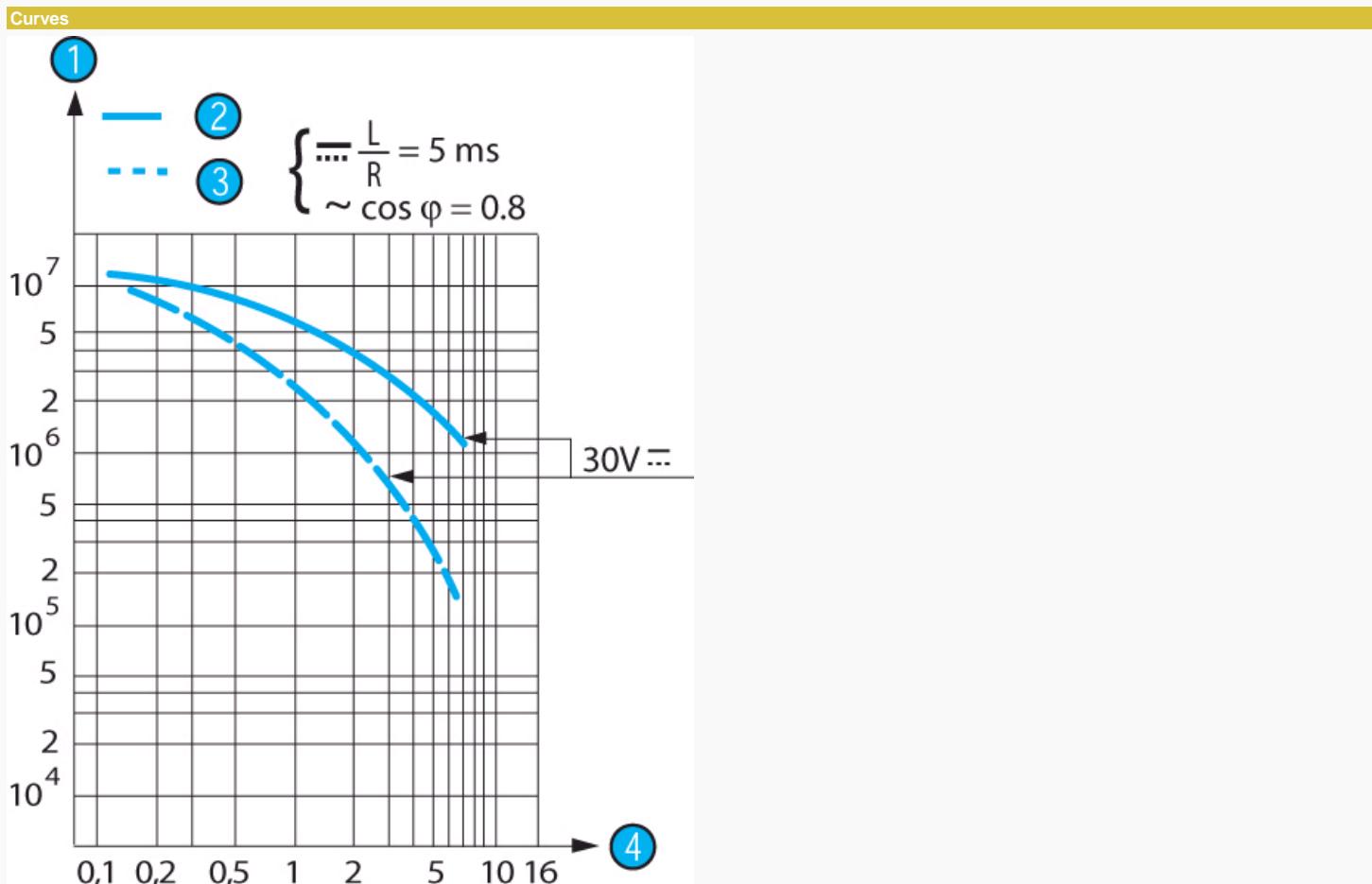
## Dimensions (mm)

## Actuators



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

Nº	Legend
1	Block 1



Nº 2-3	Legend
1	Number of operations
2	Resistive circuit
3	Inductive circuit

**Other information****Accessories for 83 803**

Galvanized, passivated steel lever  
Thermoplastic roller  
Supplied with nut, washer and locating block loose

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