

**83870 with low level cable or connector output Steel metal roller lever (2 directions of attack) Part number 83873301**


- IP 66/67
- Metal case
- UL approval
- Reduced differential travel
- Reduced pre-travel (83 873 only)

**Part numbers**

	Type	Characteristics	Type of output
<b>83 873 301</b>	Steel metal roller lever (2 directions of attack)	Standard	Cable 1 m long

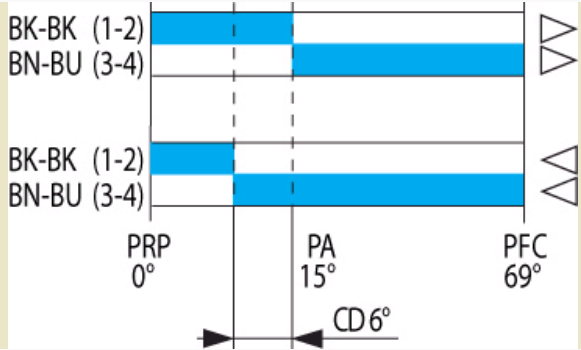
**Specifications**

Conformity to standards	
Protection against electric shocks	
Degree of protection IEC 60529	
Degree of protection according to NEMA 250	

**Electrical characteristics**

Connection	
Operating temperature (°C)	-25 → +70 °C
Assigned impulse voltage (Uimp) - V	2500
Assigned insulation voltage Ui (V)	250
Operating voltage	4 to 30 V
Operating current	1 to 100 mA
Resistance (Ω)	≤ 100 mΩ
Electrical protection	Integral earth wire Short-circuit protection device : IEC/EN 60947-5-1 Fuse 6 AgG
Approvals	UL 508, 30 VAC/DC : 0,14

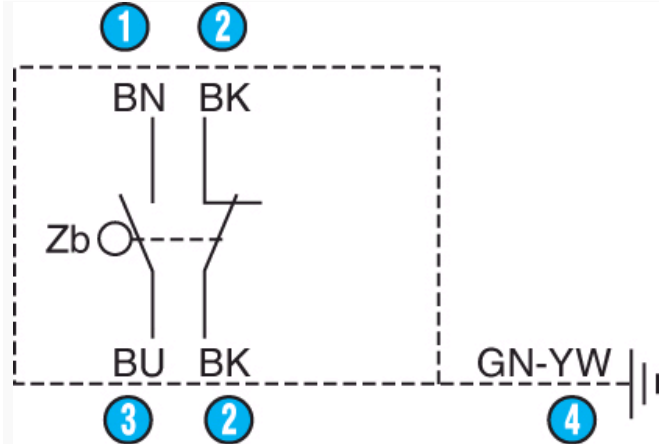
**Mechanical characteristics**

Sequence Snap action	
Minimum operating force (Nm)	15
Minimum total travel force (cmN)	35
Min. positive opening travel (N)	15
Mechanical life (millions of operations)	10
Vertical approach speed	-
Horizontal approach speed (30° cam)	1 mm/min → 1,5 m/s
Weight (g)	210

**Comments**

Cable : BK-BK/BN-BU  
 Connector : (1-2) / (3-4)

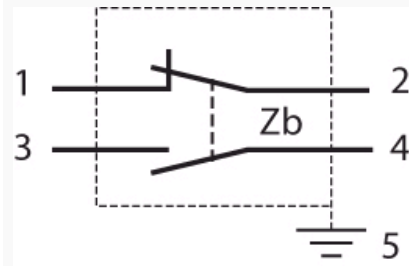
**Principles**



**Function**  
Four-terminal double break two-way contact element (form Zb). The 2 moving contacts are electrically isolated from one another.

N°	Legend
1	Brown
2	Black
3	Blue
4	Green-yellow

Principles

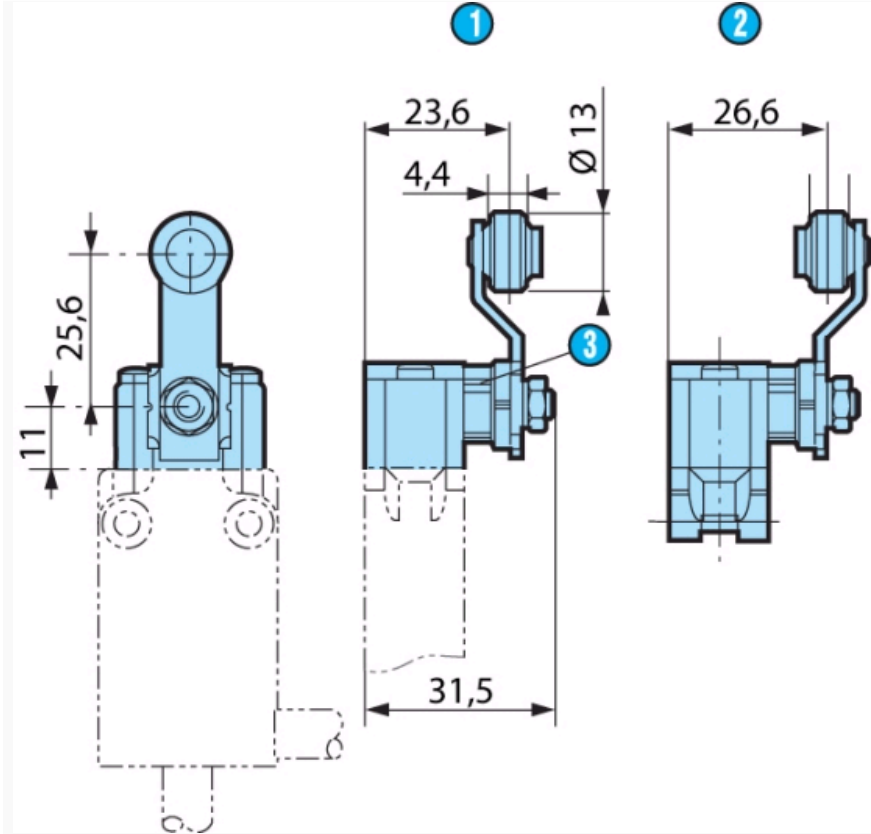


**Function**  
Four-terminal double break two-way contact element (form Zb). The 2 moving contacts are electrically isolated from one another.

Dimensions (mm)

Product

83 873 3




83 873 0

N°	Legend
1	Offset A
2	Offset B

**Other information**  
For other accessories and special contacts, or special modes of operation : please consult us.

**Product adaptations**



- Contact type
- Rear output
- Protective scraper seal
- Length of cable/connector/stripping

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