



## 83123 Spherical cover 831230 Part number



IP 66 protection  
Compact dimensions

### Part numbers

	Type	Function	Connections
<b>MADE TO ORDER</b>	Standard 831230	I (changeover)	A05 VVF cable
<b>MADE TO ORDER</b>	Spherical cover 831230	I (changeover)	A05 VVF cable

### Specifications

#### Electrical characteristics

Rating nominal / 250 V (A)	5
Rating thermal / 250 V (A)	12

#### Mechanical characteristics

Maximum operating force (N)	7,5
Min. Release force (N)	1,5
Maximum total travel force (N)	8
Max. permitted overtravel force (N)	30
Operating position (mm)	16,5±0,5
Maximum differential travel (mm)	0,25
Min. overtravel (mm)	0,2
Ambient operating temperature (°C)	0 → +85
Mechanical life (operations)	2 x 10 <sup>6</sup>
Contact gap (mm)	0,5
Weight (g)	50

#### Connections

Connection	Cable 3 x 0.75 mm <sup>2</sup> in sheath Ø ext. 7.6 mm max. Standard length 0.50 m
------------	---

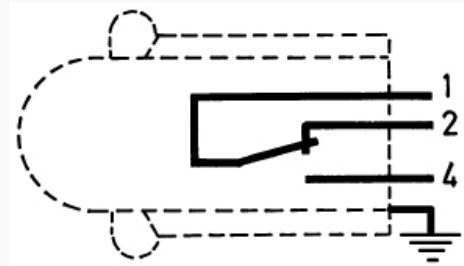
#### Comments

Common (1) : black  
Normally closed (2) : brown  
Normally open (4) : grey

#### Additional specifications

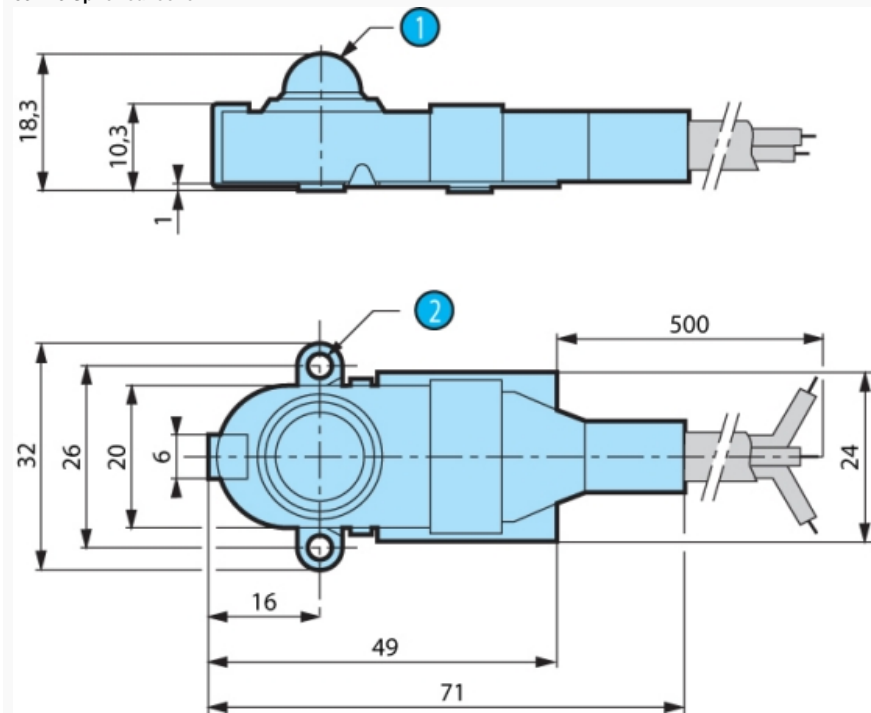
Components  
Material  
- Casing : nitrile  
- Contacts : silver  
- Contact holder : polyamide  
- Mounting plate : passivated mild steel (zinc)

#### Principles



#### Dimensions (mm)

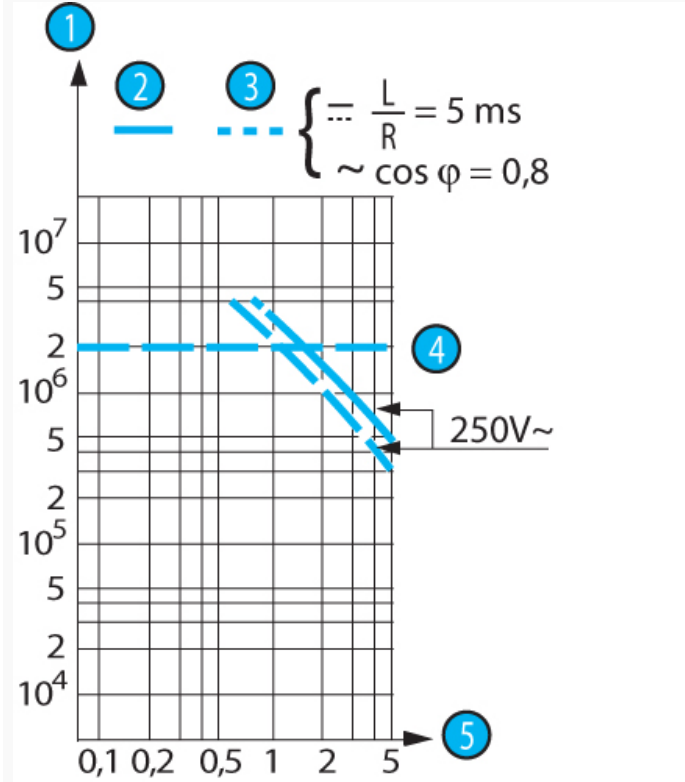
83 123 Spherical cover



N°	Legend
1	R6 spherical
2	2 holes Ø 3.2

Curves

Operating curve



N°	Legend
----	--------

①	Number of cycles
②	Resistive circuit
③	Inductive circuit
④	Mechanical life limit
⑤	Current in Amps

#### Other information

##### Mounting - Operation

In order to comply with basic safety requirements, an insulator must be used if the device is being operated manually.

One of the fixing holes must be used as a protective earth.

#### Product adaptations



- Special casing, leads, cables for specific environment

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Crouzet:

[83123005.RB](#) [83123015.RB](#)