

**83123 Spherical cover 831230 Part number made to order**


- IP 66 protection
- Compact dimensions

**Part numbers**

Type	Function	Connections
MADE TO ORDER Spherical cover 831230	I (changeover)	A05 VVF cable

**Specifications**
**Electrical characteristics**

Rating nominal / 250 VAC (A)	5
Rating thermal / 250 VAC (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 <sup>±</sup> 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**

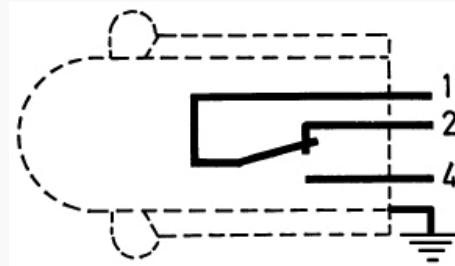
Connection	Cable 3 x 0.75 mm <sup>2</sup> in sheath Ø ext. 7.6 mm max. Standard length 0.50 m
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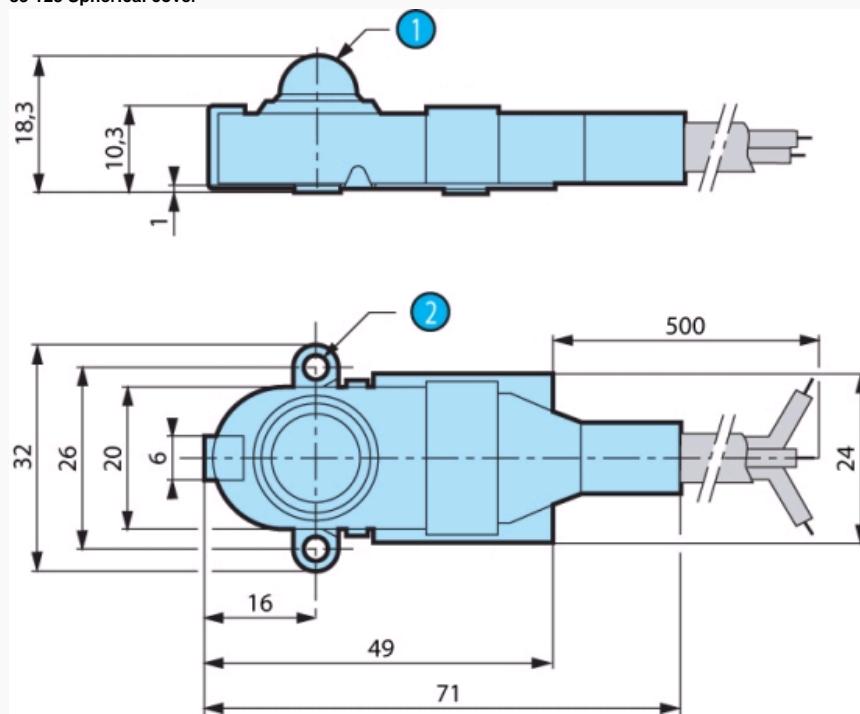
**Comments**

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

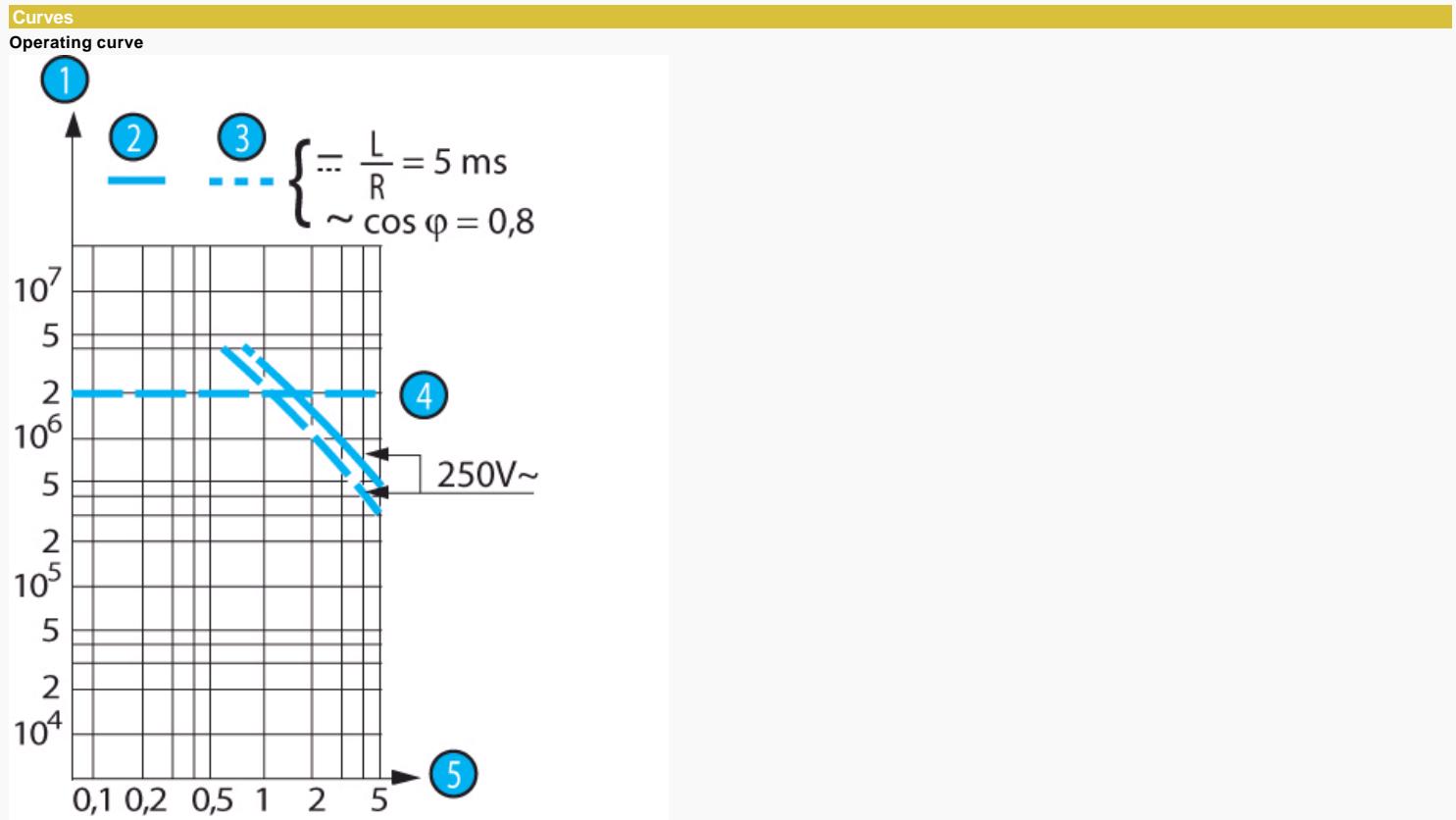
**Additional specifications**
**Components**
**Material**

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

**Principles**

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



Nº	Legend
1	R6 spherical
2	2 holes Ø 3.2



Nº	Legend
1	Number of cycles

1	Resistive circuit
2	Inductive circuit
3	Mechanical life limit
4	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