Sealed

- → 83 123
- IP 66 protection
- Compact dimensions



		Standard 83 123 0	Spherical cover 83 123 0
Function	Connections		
I (changeover)	A05 VVF cable	•	•
Electrical characterist	ics		
Rating nominal / 250 V AC (A)		5	5
Rating thermal / 250 V AC (A)		12	12
Mechanical characteri	stics		
Maximum operating force (N)		7.5	7.5
Min. Release force (N)		1.5	1.5
Maximum total travel force (N)		8	8
Max. permitted overtravel force (N)		30	30
Tripping point (mm)		11.4 ^{±0.4}	16.5±0.5
Maximum differential travel (mm)		0.2	0.25
Min. overtravel (mm)		0.25	0.2
Ambient operating temperature (°C)		0 →+85	0 → +85
Mechanical life (operations)		2 x 10 ⁶	2 x 10 ⁶
Contact gap (mm)		0.5	0.5
Weight (g)		45	50
Connections			
Connection		Cable 3 x 0.75 mm² in sheath Ø ext. 7.6 mm max. Standard length 0.50 m	Cable 3 x 0.75 mm² in sheath Ø ext. 7.6 mm max. Standard length 0.50 n
Comments			

Additional specifications

Components

Material

- Casing : nitrile - Contacts : silver

- Contact holder : polyamide

- Mounting plate : passivated mild steel (zinc)

Product adaptations

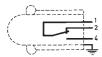


■ Special casing, leads, cables for specific environment



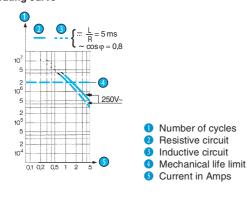
Principles

Double break changeover switch



Curves

Operating curve

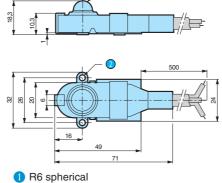


Dimensions

→ Product

83 123 Standard 83

83 123 Spherical cover



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.

2 holes Ø 3.2

