mail

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Miniature



Action with a wire
Very low operating force
Long mechanical life



Main specifications

		With standard rotary action 83 137 0
Function	Connections	
l (changeover)	W3	83 137 004
I (changeover)	W2	•
R (normally closed)	W2 - W3	•
C (normally open)	W2 - W3	•
Electrical characteristic	S	
Rating nominal / 250 V AC (A)		5
Rating thermal / 250 V AC (A)		14
Mechanical characteris	ics	
maximum operating force N cm		0.12
Minimum release torque N cm		0.03
Overtravel torque N cm		0.5
Pre-travel- maximum (°)		26
Maximum differential travel (°)		14
Min. overtravel (°)		12
Ambient operating temperature (°C)		-20 → +125
Mechanical life (operations)		107
Contact gap (mm)		0.8
Weight (g)		7.2

Additional specifications

- Components
- Material

Case : polyamide.Contacts : silver.

Lever

- Stainless steel wire.

Product adaptations



Special leversUL approval



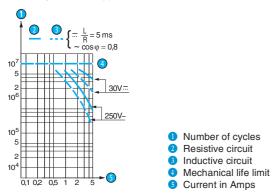
Principles

Single break changeover switch



Curves

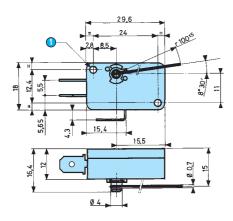
Operating curve for type 83 137 0



Dimensions

→ Product

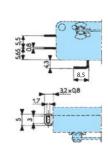
83 137 0



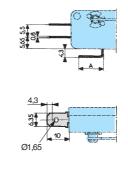
1 2 holes Ø 3.2

→ Connections

W2 solder



W3 for 6.35 mm clips



Other information

Mounting - Operation See basic technical concepts



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