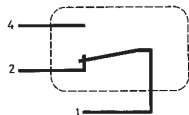


Miniature Side Rotary (High Sensitivity) Switches Series 83 137



General specifications

Layout



Components

Material

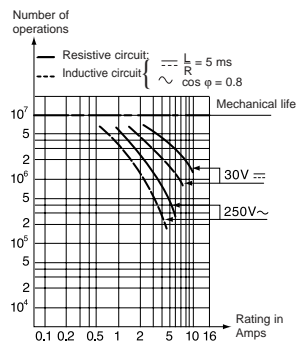
- Case : glass filled polyamide

- Contacts : silver

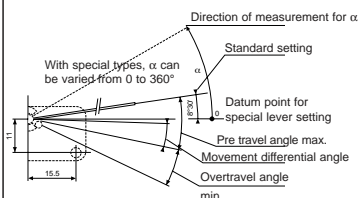
Actuators

- Stainless steel wire

Operating curve



Actuator setting in α



Approvals CSA (LR-20418), ASE, Semko, UTE & VDE.

For other connections, actuators, approvals accessories... Please consult factory

Types

83 137 0

Features

Standard

Electrical characteristics

Current rating at 125-250 V	Nominal	A	5
	Thermal	A	14

Mechanical characteristics

Maximum operating force	N cm (in. oz)	0.12 (.17)
Minimum release torque	N cm (in. oz)	0.03 (.042)
Overtravel torque	N cm (in. oz)	0.5 (.71)
Movement differential	°	10 ^{+0.4}
Overtravel - min.	°	12
Operating temperature	°C (F°)	-20 to 125 (-4 to 257)
Mechanical life	Operations	10 ⁷
Contact gap	mm (in)	0.8 (.031)
Weight	g (oz)	7.2 (.25)

Contact Type

C (Form C) SPDT

B (Form B) SPNC

A (Form A) SPNO

Connections

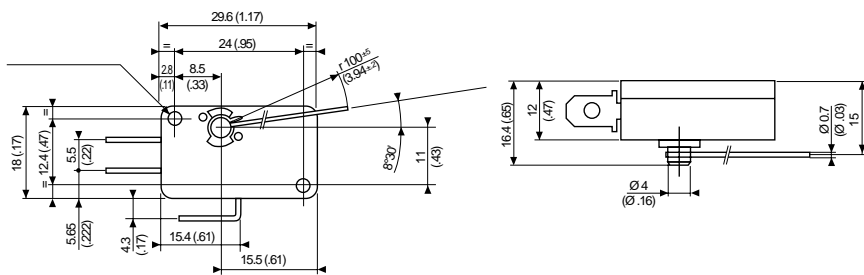


2 solder



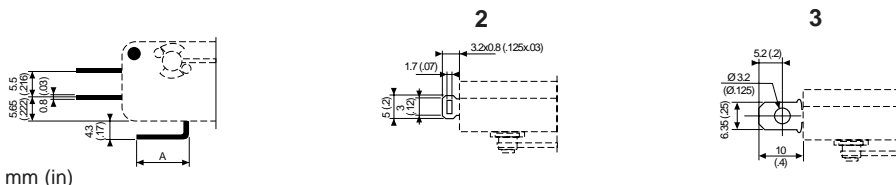
3 for 1/4" Quick Connects

Dimensions



mm (in)

Dimensions connections



mm (in)

To order, please specify :

Example : 831370 C 3 . W

1 Switch Type

831370

2 Contact Type

A
B
C

3 Connection

2
3

Example switch is: 831370, SPDT, 1/4" Q.C.

Products and specifications subject to change without notice.

Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com