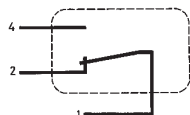


Miniature Side Rotary (High Sensitivity) Switches Series 83 137



General specifications Layout



Components

Material

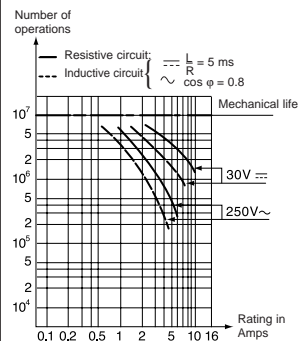
- Case : glass filled polyamide

- Contacts : silver

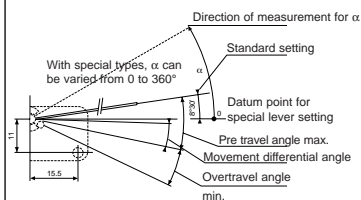
Actuators

- 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
Thermal

A
A

5
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

10⁷

Contact gap

mm (in)

0.8 (.031)

Weight

g (oz)

7.2 (.25)

Contact Type

C (Form C) SPDT

C

B (Form B) SPNC

B

A (Form A) SPNO

A

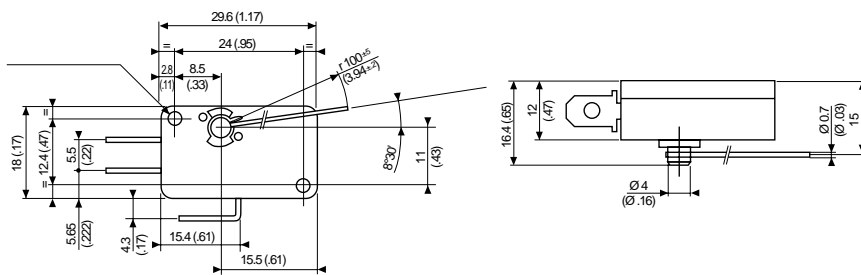
Connections



2 solder

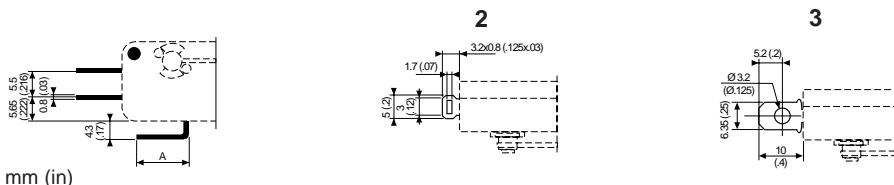
3 for 1/4" Quick Connects

Dimensions



mm (in)

Dimensions connections



To order, please specify :

Example : 831370 C 3 A 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