

83106 2 stable lever positions 831064 Part number made to order



- Double break switching
- Options for operation in stable positions
- Choice of actuators and fixing positions

Part numbers

| | Type | Function | Connections |
|----------------------|---------------------------------|----------------|-------------|
| MADE TO ORDER | 2 stable lever positions 831064 | I (changeover) | W3 |

Specifications

Electrical characteristics

| | |
|------------------------------|------|
| Rating nominal / 250 VAC (A) | 5 |
| Rating thermal / 250 VAC (A) | 17,5 |

Mechanical characteristics

| | |
|-------------------------------------|-----------------|
| Maximum operating force (N) | 0,45 |
| Min. Release force (N) | - |
| Operating position (mm) | - |
| Min. overtravel (mm) | - |
| Mechanical life (operations) | 10 ⁶ |
| Max. permitted overtravel force (N) | - |
| Maximum rest position (mm) | - |
| Differential travel (mm) | - |
| Ambient operating temperature (°C) | -40 →+85 |
| Contact gap (mm) | 0,4 x 2 |
| Weight (g) | 9 |

Additional specifications

Components

Material

- Case : polyamide UL94V2 (83 106)
- Contacts : nickel silver

Levers

- Mild steel (zinc)
- Roller : polyamide
- Adjusting screws : self-retaining
- Plates : iridescent passivated mild steel (zinc)

NB : Fixing holes for these microswitches have metal ferrules.

Principles



Dimensions (mm)

Product

83 106 4



Dimensions (mm)

Connections

W1 screw



Dimensions (mm)

Connections

W2 solder

**Dimensions (mm)****Connections**

W3 for 6.35 mm clips

**Dimensions (mm)****Actuators**

A



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Actuators

B



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Actuators

E



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Actuators

q



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Actuators

B9



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Actuators

V3



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Mounting accessories

Y
Side plate



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Mounting accessories

O2

2-pole side mounting plate



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Mounting accessories

K2

2-pole vertical mounting plate



Lever cross-section 1 x 6.4 mm

Dimensions (mm)

Mounting accessories

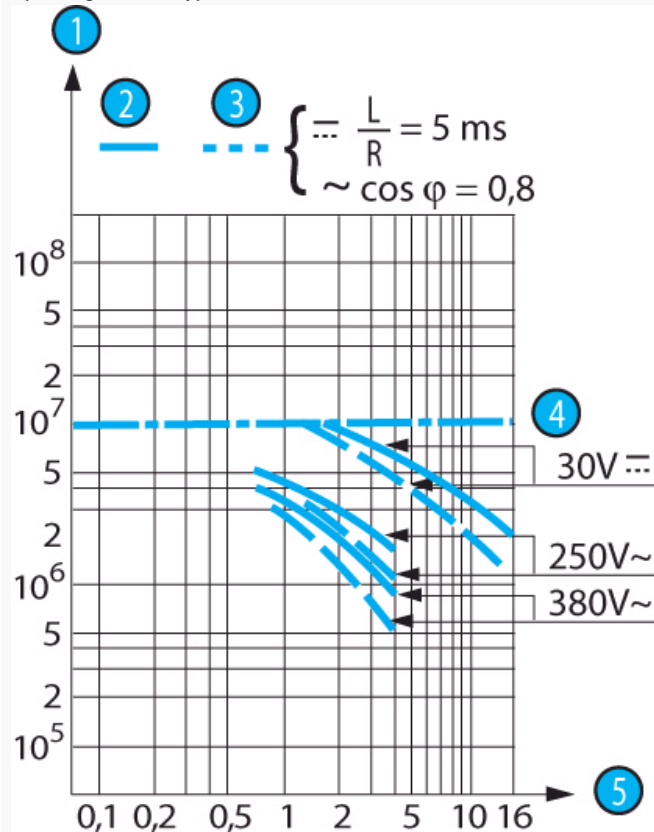
H
Horizontal single-pole mounting plate



Unless indicated, the thickness of plates is 1.5 mm

Curves

Operating curve for types 83 106 0 / 4 / 7



| N° | Legend |
|----|-----------------------|
| 1 | Number of cycles |
| 2 | Resistive circuit |
| 3 | Inductive circuit |
| 4 | Mechanical life limit |
| 5 | Current in Amps |

Connections

Actuators and fixing positions

| Actuators and fixing positions | | | | | | |
|--------------------------------|------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| Actuators | A R49 | B R47 | E R47 | Q | V3 R15.5 | B9 |
| | | | | | | |
| Operating force - max. | N 1.2 | 1.2 | 1.2 | 2.8 | 4 | 4 |
| Release force - min. | N 0.25 | 0.25 | 0.2 | 0.45 | 0.8 | 1 |
| Pre-travel - max. | mm 6.2 | 6.2 | 6.2 | 3.2 | 1.45 | 1.5 |
| Differential travel | mm 2.1 ^{+0.3} | 2.1 ^{+0.3} | 2.1 ^{+0.3} | 1.05 ^{+0.4} | 0.5 ^{+0.2} | 0.5 ^{+0.2} |
| Total travel max. | mm 7.5 | 8.4 | 7.5 | 4.5 | 1.9 | 1.9 |

Except where otherwise indicated, the flat and roller levers are mounted as shown in the dimensional drawings (mounted on the left).

Mounting accessories

| Y Side plate | H Horizontal single-pole mounting plate | O2 2-pole side mounting plate | K2 2-pole vertical mounting plate |
|--------------|---|-------------------------------|-----------------------------------|
| | | | |

Other information**Mounting - Operation**

See basic technical concepts

Product adaptations

- Special levers
- Reinforced spring
- Special contacts
- Approvals : UL - cUL

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Crouzet:

[831010C1.AL](#) [831010C1.DL](#) [831010C1.EL](#) [831010C2.AL](#) [831010C2.FL](#) [831010C2.SP](#) [831120C1.BL](#)
[831120C1.TR](#) [831060C2.QL](#) [831060C3.ER](#) [831064C2.0](#) [831120.SP404800](#) [831110C2.0](#) [831110C3.0](#)
[831110C3.B9](#) [831110C3.QL](#) [831120C1.0](#) [831120C1.B9](#) [831066C3.0](#) [831066C3.B9](#) [831066C3.EL](#) [831090C2.AR](#)
[831090C2.EL](#) [831096C2.0](#) [831064C1.0](#) [831066C1.0](#) [831066C1.VL](#) [831066C2.0](#) [831066C2.AL](#) [831066C2.EL](#)
[831060C1.B9](#) [831060C1.FL](#) [831060C1.TR](#) [831060C2.ER](#) [831060C3.0](#) [831060C3.VL](#) [831010C2.B9](#) [831010C2.BL](#)
[831010C3.BL](#) [831016C1.BL](#) [831016C3.0](#) [831016C3.AL](#) [831110C2.AL](#) [831060C3.AR](#) [831010C1.0](#) [831010C2.0](#)
[831090C2.0](#) [831090C2.AL](#) [831090C2.B9](#) [831090C2.BL](#) [831090C2.ML](#) [831090C2.VL](#) [831066C3.GL](#) [831066C3.TL](#)
[831066C3.TR](#) [831066C3.VL](#) [831066C3.VR](#) [831067C3.0](#) [83101C1.ZL](#) [831060C1.0](#) [831060C1.AL](#) [831060C1.BL](#)
[831060C3.QR](#) [831066C3.AL](#) [831120C1.VL](#) [831010C3.0](#) [831010C3.QL](#) [831010CL.BL](#) [831016C1.0](#) [831016C1.VL](#)
[831115C3.FL](#) [831115C3.QL](#) [831115C3.SL](#) [831115C3.ZL](#) [831120C1.AL](#) [831120C1.QL](#) [831110C2.B9](#) [831110C2.QL](#)
[831110C3.AL](#) [831110C3.VL](#) [831110C3.ZL](#) [831115C3.0](#) [831060C3.QL](#) [831060C3.TL](#) [831060C3.TR](#) [831060C3.VR](#)
[831064C3.0](#) [831066C2.VL](#) [831060C3.B9](#) [831060C3.BL](#) [831060C3.BR](#) [831060C3.EL](#) [831060C3.FL](#) [831060C3.GL](#)
[831060C2.0](#) [831060C2.AL](#) [831060C2.AR](#) [831060C2.B9](#) [831060C2.VL](#) [831060C3.AL](#)