

PUSHBUTTONS - SUB-SUBMINIATURE

832295


- › High precision snap-action mechanism with wiping contacts
- › Single-pole changeover SPDT with momentary action
- › Very compact size: Ø 8 mm body and bushing
- › Use from 1 mA 4 Vdc to 5 A 250 Vac
- › Operating temperature -55 °C up to +140 °C
- › Very long life



Main specifications

		Action	Momentary
Function	Connections		
I (changeover)	W2 (solder)		83229501
Electrical characteristics			
Rating nominal / 250 V AC (A)			5*
Rating thermal / 250 V AC (A)			10
Mechanical characteristics			
Maximum operating force (N)			1.7
Min. Release force (N)			0.4
Maximum total travel force (N)			7
Pretravel (mm)			0.3
Total travel (mm)			1.8
Ambient operating temperature (°C)			-55 → +100
Mechanical life (operations)			2 x 10 ⁶
Weight (g)			5.4

Additional specifications

- Button: black anodized duralumin
- Barrel, knurled bezel, nut: nickel-plated brass
- Contacts: gold-plated silver
- Terminals: gold-plated brass
- Degree of protection: IP40 (button side)
- Protection against electric shock Class I (see also «installation recommendations»)
- Rated insulation voltage Ui: 250 V
- Impulse withstand voltage Uimp: 2.5 kV
- Pollution degree: 3
- Certification marks:  on request / **ERC**

Product adaptations



- › High operating temperature: +140 °C
- › Button with rounded end
- › cURus approved version

Principles

Single break snap-action switch
Changeover - SPDT (form C)



Standard product

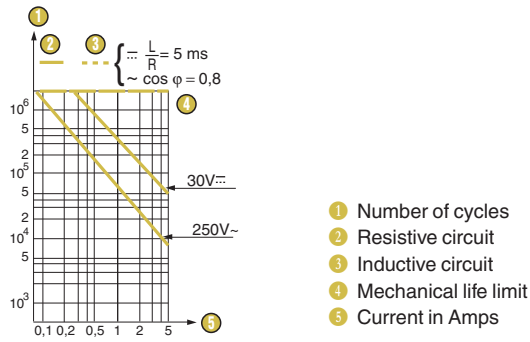
Product made to order



Contact us

Curves

Operating curve for type 832295

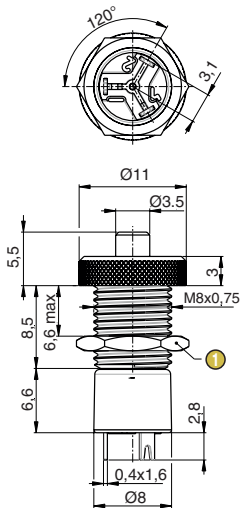


* These products are designed to operate equally well on low-current (1 mA 4 V minimum recommended) or medium-current circuits (5 A maximum) circuits. However, a given product should only be used to switch one type of circuit during its working life.

Dimensions

Product

832295



1 nut: 10 across flats, max tightening torque 1 N.m

Installation recommendations

See "Basic technical concepts"

For use above 200 V, with pollution degree 3 on back panel side: to ensure protection against electric shock, barrel shall be earthed.

How to order

Use the 8 digit part numbers when they are defined

Other cases, precise: Type of microswitch - Function - Connection - UL approval* - Adaptation*

* if needed

Example: 832295 I W2 UL

Warning:

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