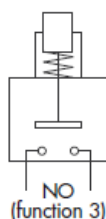


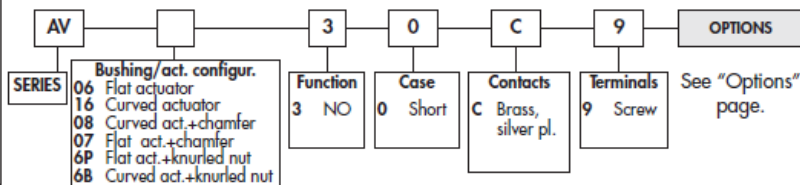
AV series

Snap action security pushbutton switches Ø 16 mm (.629)

Momentary (NO)



ORDER FORMAT



SPECIFICATIONS

- Travel : 1,60 mm (.063) ± 0,3 mm (.011)
- Max. current/voltage rating with resistive load : 200mA 48 VDC - 100mA 48VDC
- Initial contact resistance : 50 mΩ max.
- Insulation resistance : 1.000 MΩ min. at 500VDC
- Dielectric strength : 2.000 Vrms 50 Hz min. between terminals and frame
- Electrical life : 50.000 cycles at 200mA 48VDC
100.000 cycles at 100mA 48VDC
- Torque : 5 Nm min.- 14 Nm max. applied to nut
- Panel thickness : 1 (.039) to 6 mm (.236) max.
- Operating temperature : -30°C to +70°C
- Low level or mechanical life : 1.000.000 cycles
- Packaging unit : 60 pieces

MATERIALS

- Case : PBT
- Contacts : brass, silver plated (C)
- Bushing and actuator : see "Options" page

CUT-OUT

- Panel cut-out : Ø 16,2 mm (.637)
- Min. pitch for matrix mounting : 24 mm x 24 mm (.944 x .944)
(AV6P & AV6B : 20 mm x 20 mm)

To order a product, select a basic model below and add the desired options.

BASIC MODEL

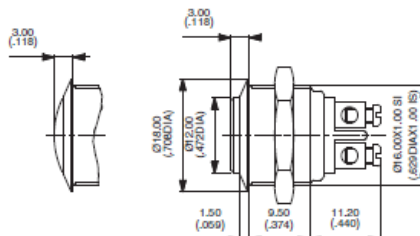
Flat or curved actuator - screw terminals

Hex nut 19 (.748) across flats



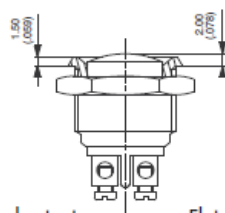
Flat actuator
AV0630C9

Curved actuator
AV1630C9



Screw terminals for wires 1,5 mm² max.

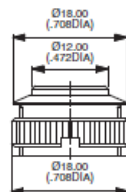
With chamfer



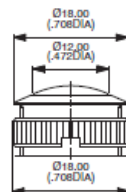
Curved actuator
AV0830C9

Flat actuator
AV0730C9

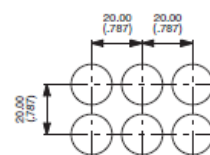
With knurled nut for matrix mounting 20 x 20 - AV6P and AV6B



Flat actuator
AV6P30C9



Curved actuator
AV6B30C9



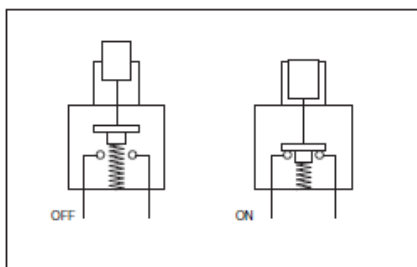
Wrench available under P/N U1990.



AV series

Security pushbutton switches Ø 16 mm (.629)

Latching action



ORDER FORMAT

SERIES	Actuator	Function	Case	Contacts	Terminals	OPTIONS
AV	06 Flat 16 Curved	1 Off-On	1 Long	A Silver	2 Solder 4 PC 8 Quick-connect	See "Options" page.

SPECIFICATIONS

- Max. current/voltage rating with resistive load : 1A 24VDC
- Initial contact resistance : 50mΩ max.
- Insulation resistance : 1 GΩ min. at 500VDC
- Dielectric strength : 1.500 Vrms 50 Hz min. between terminals
- 1 000 Vrms 50 Hz between terminals and frame
- Electrical life : 40.000 cycles
- Torque : 5 Nm min. - 14 Nm max. applied to nut
- Panel thickness : 1 (.039) to 6 mm (.236) max.
- Operating temperature : -30°C to +70°C
- Low level or mechanical life : 200.000 cycles
- Hand soldering : 300°C, 5 sec. max.
- Packaging unit : 25 pieces

MATERIALS

- Case : PA-6T, UL94-V0
- Contacts : silver (A)
- Gold plated silver (AD) on request
- Bushing and actuator : see "Options" page

CUT-OUT

- Panel cut-out : Ø 16,2 mm (.637)
- Min. pitch for matrix mounting : 24 mm x 24 mm (.944 x .944)

B2

To order a product, select a basic model below and add the desired options.

BASIC MODEL

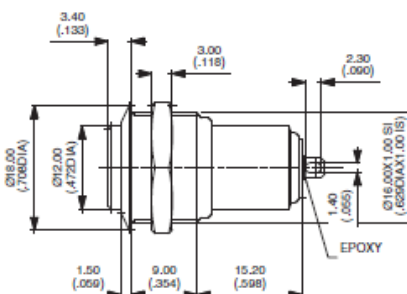
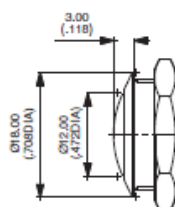
Flat or curved actuator - solder lug terminals

Hex nut 19 (.748) across flats

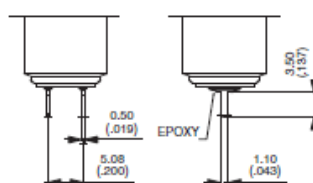


Flat actuator
AV0611A2 OFF - ON

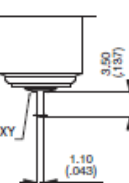
Curved actuator
AV1611A2 OFF - ON



Straight PC terminals

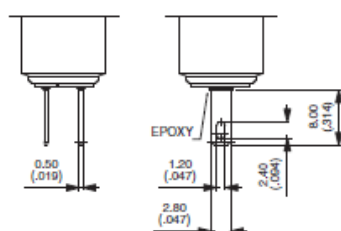


Flat actuator
AV0611A4

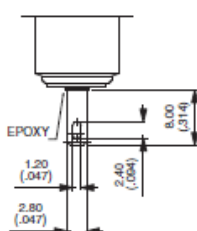


Curved actuator
AV1611A4

Quick-connect terminals



Flat actuator
AV0611A8



Curved actuator
AV1611A8

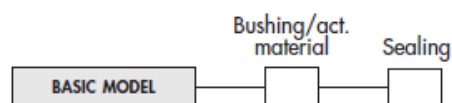
AV series

Security pushbutton switches Ø 16 mm (.629)



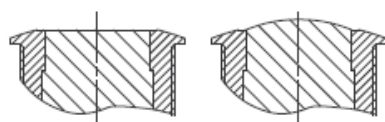
Options

After selecting basic model number,
fill in last 2 boxes
with desired options.



BUSHING/ACTUATOR MATERIALS

Flat or curved metal actuator



CODE

00 (standard)
10
40

BUSHING

Nickel plated brass
Nickel plated brass
Stainless steel

ACTUATOR

Nickel plated brass
Stainless steel
Stainless steel

SEALING

Blank No sealing

K Front panel sealing (IP65)