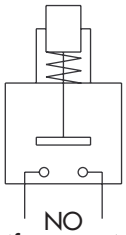
AV series

Security pushbutton switches

Bushing Ø 16 (.629) - momentary (NO)

MODEL STRUCTURE



NO
(function 3)

ORDER FORMAT

Series	Bush./act. config.	Function	Case style	Contact matl.	Term. type	Bush./act. material	Sealing
AV	06 16 08	3	0	C	9	00	K

See "options" page.

B

SPECIFICATIONS

- 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
- Mechanical life : 1.000.000 cycles
- Packaging unit : 60 pieces

MATERIALS

- Case : PBT
- Contacts : brass, silver plated (C)
- Bushing and actuator : nickel plated brass (std)

CUT-OUT

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

All model numbers below are for switches with standard bushing/actuator material, without marking.

BASIC MODEL

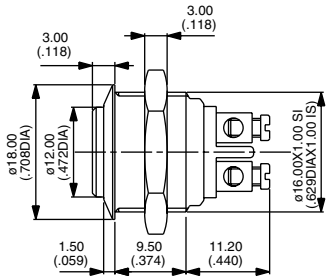
Flat actuator - screw terminals - AV06

Hex nut 19 (.748) across flats



AV0630C900

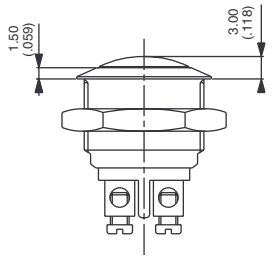




Screw terminals for wires 1,5 mm² max.

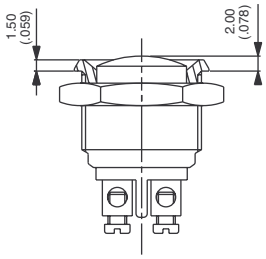
OTHER CONFIGURATIONS

Curved actuator



AV1630C900

Curved actuator w. chamfer



AV0830C900

AV series

Security pushbutton switches

Options

After selecting basic model number, fill in last 3 boxes with desired options.

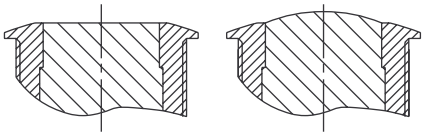
Series	Bush./act. config.	Case style	Function	Contact matl.	Term. type	Bush./act. material	Marking	Sealing
AV								

BUSHING/ACTUATOR MATERIAL

For non-standard material, replace **00** with one of the following codes.

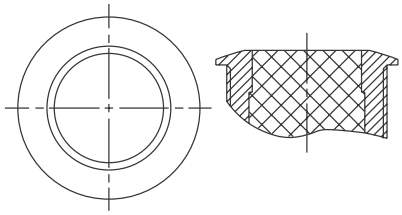
Flat or curved metal actuator

*** Option 80 not available on models with dia. 16 mm (.629) bushing*



CODE	BUSHING	ACTUATOR
00 (standard)	**Nickel plated brass**	**Nickel plated brass**
10	Nickel plated brass	Stainless steel
12	Nickel plated brass	Chrome plated brass
20	Chrome plated brass	Chrome plated brass
30	Chrome plated brass	Stainless steel
40	Stainless steel	Stainless steel
80 **	Varnished polished brass	Varnished polished brass

Flat thermoplastic actuator (not available with dia. 16 mm (.629) bushing)



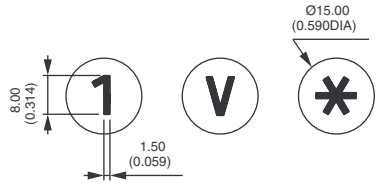
CODE	BUSHING	ACTUATOR COLOUR
0• (standard)	**Nickel plated brass**	Replace • with one of the following codes.
2•	Chrome plated brass	**1** : blue - **2** : black - **3** : green - **4** : grey
8•	Varnished polished brass	**5** : yellow - **6** : red - **7/1**: white - **9** : orange

MARKING

Select an option from each of the two tables below.

For **flat or curved actuator.**
Not available on model AV031202C00.

- by engraving on brass actuator (stainless steel on request)
- by hot stamping on thermoplastic actuator.



TYPE OF MARKING

CODE	TYPE
0 to 9	Numbers 0 to 9
X	Symbol *
Y	Symbol #
A to N	Letters A to N
P to W	Letters P to W
0	Letter O

Letter O : same code and same design as number 0.

For special symbols, consult factory.
Minimum order : 500 pieces

COLOUR OF MARKING

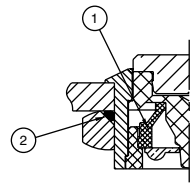
CODE	COLOUR
Brass actuator	
0 (standard)	Same as finish
2	Black

Note : a finished product supplied in version "0" cannot be modified to version "2".

Thermoplastic actuator	
2	Black
7	White

SEALING

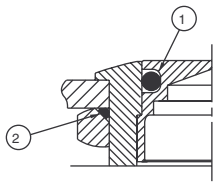
Blank No sealing



K Frontal panel sealing (IP65)

① elastomeric membrane
② external gasket

For types with bushing Ø 16



① internal gasket
② external gasket

K Front panel sealing (IP65)

For types with bushing Ø 19 or Ø 22