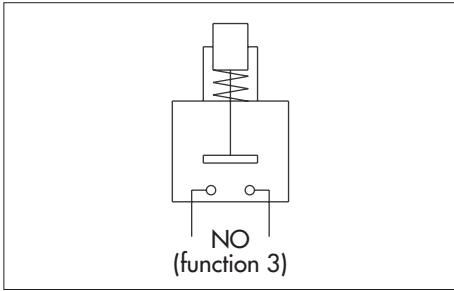


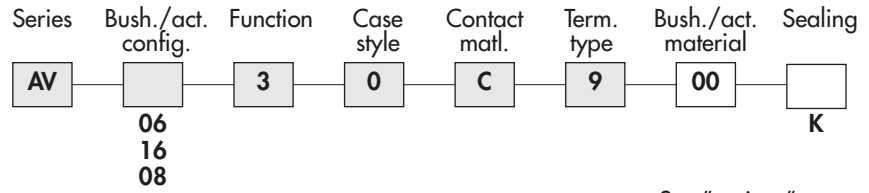
AV series

Security pushbutton switches

Bushing \varnothing 16 (.629) - momentary (NO)



ORDER FORMAT



See "options" page.

SPECIFICATIONS

- Max. current/voltage rating with resistive load : 200mA 48 VDC - 100mA 48VDC
- Initial contact resistance : 50 m Ω max.
- Insulation resistance : 1.000 M Ω 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 : \varnothing 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.

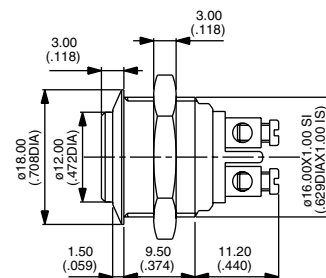
BASIC MODEL

Flat actuator - screw terminals - AV06

Hex nut 19 (.748) across flats



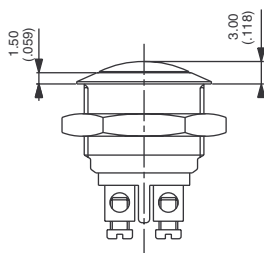
AV0630C900



Screw terminals for wires 1,5 mm² max.

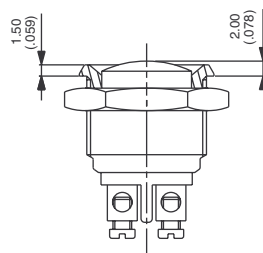
OTHER CONFIGURATIONS

Curved actuator



AV1630C900

Curved actuator w. chamfer



AV0830C900

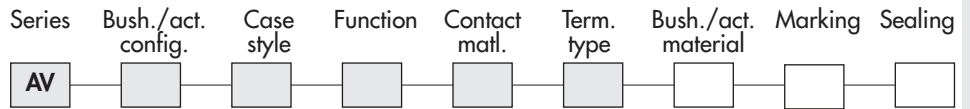


AV series

Security pushbutton switches

Options

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

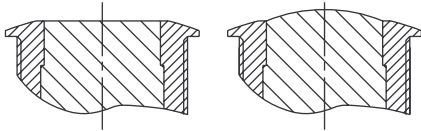


BUSHING/ACTUATOR MATERIAL

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

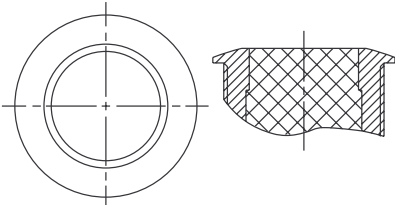
Flat or curved metal actuator

** 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

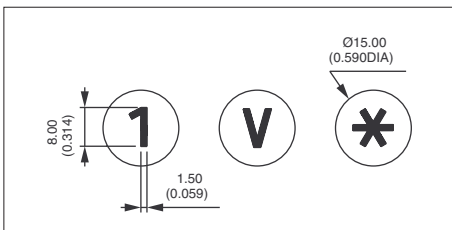
COLOUR OF MARKING

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".

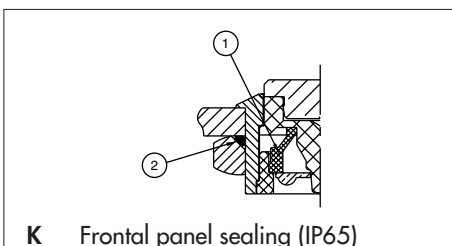
Thermoplastic actuator

2	Black
7	White



SEALING

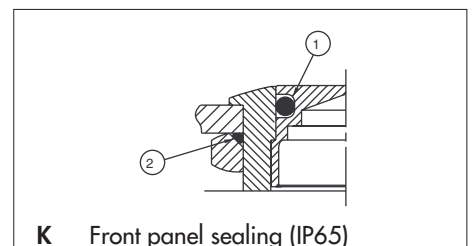
Blank No sealing



K Frontal panel sealing (IP65)

For types with bushing Ø 16

- ① elastomeric membrane
- ② external gasket



K Front panel sealing (IP65)

For types with bushing Ø 19 or Ø 22

- ① internal gasket
- ② external gasket