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SW-AV16MOM-1907

AV series

Snap action security pushbutton switches • Ø 16 mm • momentary (NO)



DISTINCTIVE FEATURES

Momentary (NO)
Compact
Long life
Marking available



ENVIRONMENTAL SPECIFICATIONS

- Optional front panel sealing : IP65 according to IEC 60529
- Operating temperature : -30 °C to +70 °C (-22 °F to +158 °F)

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load : 200 mA 48 VDC - 100 mA 48 VDC
- Initial contact resistance : 50 mΩ max.
- Insulation resistance : 1,000 MΩ min. at 500 VDC
- Dielectric strength : 2,000 Vrms 50 Hz min. between terminals and frame
- Electrical life : 50,000 cycles at 200 mA 48 VDC 100,000 cycles at 100 mA 48 VDC

GENERAL SPECIFICATIONS

- **Travel : 1.60 mm** (.063) ± 0.3 mm (.011)
- Torque : 1.5 Nm min. - 4 Nm max. applied to nut
- Panel thickness : 1 (.039) to 6 mm (.236) max.
- Low level or mechanical life : 1,000,000 cycles

MATERIALS

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

The company reserves the right to change specifications without notice.

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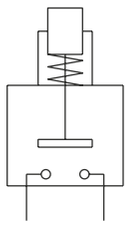
ELECTRICAL FUNCTIONS



Function 3 (NO)

MOUNTING

- 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)

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BUILD YOUR PART NUMBER

BASIC PART NUMBER

AV	___	___	___	___	___
SERIES	BUSHING/ACTUATOR CONFIGURATIONS	FUNCTION	CASE	CONTACTS	TERMINALS

BUSHING/ACTUATOR CONFIGURATIONS

06	Flat actuator
16	Curved actuator
07	Flat actuator + chamfer
08	Curved actuator + chamfer
6P	Flat actuator + knurled nut
6B	Curved actuator + knurled nut

FUNCTION

3	NO

CASE

0	Short

CONTACTS

C	Brass, silver plated

TERMINALS

9	Screw

OPTIONS

___	___
BUSHING/ACTUATOR MATERIALS	SEALING

BUSHING/ACTUATOR MATERIALS

00 (std)	Nickel plated brass / Nickel plated brass
10	Nickel plated brass / Stainless steel
40	Stainless steel / Stainless steel
70	Black chrome plated brass / Black chrome plated brass

SEALING

Blank	No sealing
K	Sealed to IP65

ABOUT THIS SERIES

On the following pages, you will find successively basic part numbers of switches and options in the same order as in above chart

Notice: please note that not all combinations of above numbers are available. Refer to the following pages for further information.

Mounting accessories: standard hardware supplied : 1 hex nut. Standard and special hardware is presented in the "Hardware" section of website.

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FLAT OR CURVED ACTUATOR SCREW TERMINALS



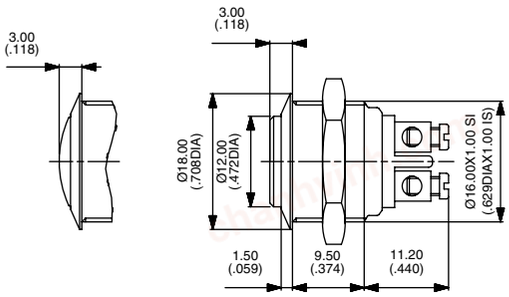
Flat actuator
AV0630C9



Curved actuator
AV1630C9



Hex nut 19 (.748) across flats



FLAT OR CURVED ACTUATOR WITH CHAMFER



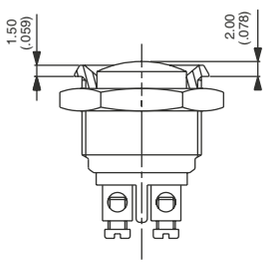
Flat actuator
AV0730C9



Curved actuator
AV0830C9



Hex nut 19 (.748) across flats



WITH KNURLED NUT FOR MATRIX MOUNTING 20 X 20 (.787X.787)

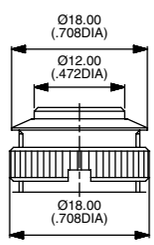


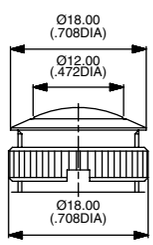
Flat actuator
AV6P30C9



Curved actuator
AV6B30C9







Wrench available under P/N **U1990**.

Screw terminals for wires 1,5 mm² max.

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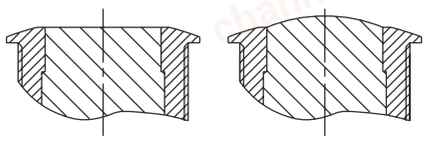
BUSHING/ACTUATOR MATERIALS

BASIC P/N

CODE	BUSHING	ACTUATOR
00 (std)	Nickel plated brass	Nickel plated brass
10	Nickel plated brass	Stainless steel
40	Stainless steel	Stainless steel
70	Black chrome plated brass	Black chrome plated brass

FLAT OR CURVED METAL ACTUATOR

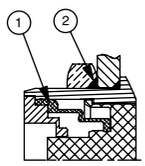


SEALING

BASIC P/N

Blank No sealing
K Front panel sealing to IP65

OPTION K



① - elastomeric membrane

② - external gasket