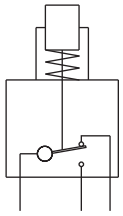
AV series

Security pushbutton switches Ø 22 mm (.866) or 24 mm (.944) with large actuator

Momentary (combined NC+NO)

MODEL STRUCTURE



Combined NC+NO

ORDER FORMAT

AV		L		OPTIONS	
SERIES	Bushing diameter **22** 22 mm **24** 24 mm	Bush./act. config.	Act. style **P** Flat **B** Curved **C** Recessed	Bush./actuator material See next page	Terminals **4** Quick-connect **2** Solder lug

SPECIFICATIONS

- Max. current/voltage rating with resistive load : 5A 250VAC
- Initial contact resistance : 100 mΩ max.
- Insulation resistance : 1.000 MΩ min. at 500VDC
- Dielectric strength : 2.000 Vrms 50 Hz min. between terminals and frame
- Electrical life : 1.000.000 cycles at 1A 250VAC
  100.000 cycles at full load
- Torque : 5 Nm min.- 14 Nm max. applied to nut
- Panel thickness : 1 (.039) to 6 mm (.236) max.
- Operating temperature : -20°C to +55°C
- Low level or mechanical life : 3.000.000 cycles
- Front panel sealing : IP65
- Hand soldering : 300°C, 5 sec. max.
- Packaging unit : 20 pieces (except black chrome plated : 16 pieces)

MATERIALS

- Case : polyester, glass filled
- Contacts : silver/nickel alloy
- Bushing and actuator :
  see next page.

CUT-OUT

- Panel cut-out : Ø 22,2 mm (.874) or Ø 24,2 mm (.952)
- Min. pitch for matrix mounting :
  30 mm x 30 mm (1.181x1.181)
  or 33 mm x 33 mm (1.299x1.299)

To order a product, select a basic model below or on next page and add the desired bushing/actuator materials.

BASIC MODEL

Flat actuator - AV22LP

→ O-ring

Hex nut 25 (.984) across flats

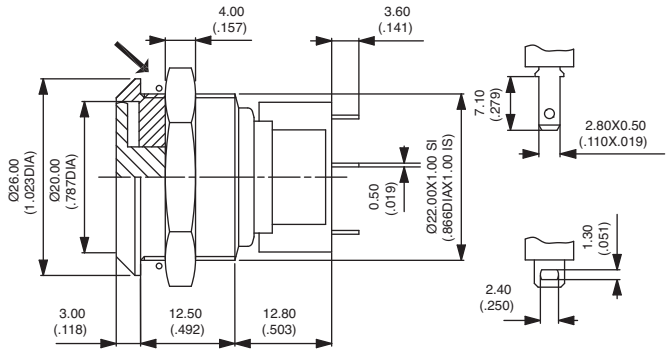


Quick-connect terminals
AV22LP••4

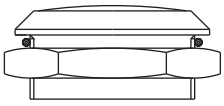


Solder lug terminals
AV22LP••2



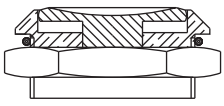


Curved actuator - AV22LB



Quick-connect terminals
AV22LB••4
Solder lug terminals
AV22LB••2

Recessed actuator - AV22LC



Quick-connect terminals
AV22LC••4
Solder lug terminals
AV22LC••2

OPTIONS

AV series

Security pushbutton switches Ø 22 mm (.866) or 24 mm (.944) with large actuator

Momentary (combined NC+NO)

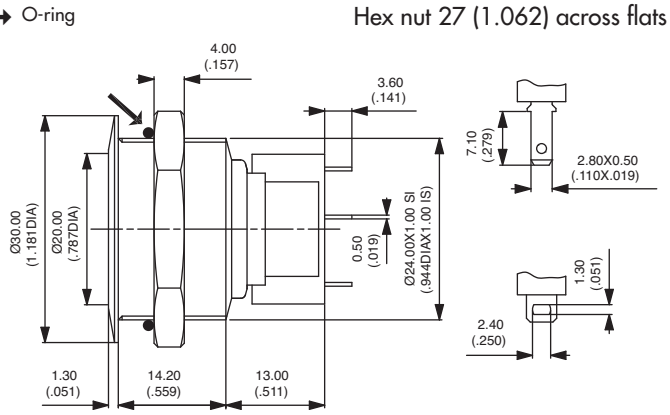
BASIC MODEL

Flat actuator - low profile - AV24LP

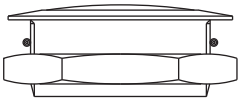


Quick-connect terminals
AV24LP••4

Solder lug terminals
AV24LP••2

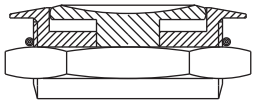


Curved actuator - AV24LB



Quick-connect terminals
AV24LB••4
Solder lug terminals
AV24LB••2

Recessed actuator - AV24LC



Quick-connect terminals
AV24LC••4
Solder lug terminals
AV24LC••2

BUSHING/ACTUATOR MATERIALS

Models with non-anodized actuator

CODE	BUSHING	ACTUATOR
40 (standard)	**Stainless steel**	**Stainless steel**
20	Chrome plated brass	Chrome plated brass

Models with anodized actuator

CODE	BUSHING	ACTUATOR COLOUR
1•	Black chrome plated brass	Replace • with one of the following codes :
2•	Chrome plated brass	**1** : blue - **2** : black - **3** : pale green - **3F** : dark green - **4** : natural - **5** : gold yellow
4•	Stainless steel	**6** : red - **6B** : maroon

B2