

# AV series

Mushroom head security pushbutton switches •  
Ø 22 mm • momentary NC+NO



## DISTINCTIVE FEATURES

Large mushroom head actuator

Momentary NC+NO

Anodized actuators

Long life

Sealed to IP65



## ENVIRONMENTAL SPECIFICATIONS

- Front panel sealing : IP65 according to IEC 60529
- Operating temperature : -20 °C to +55 °C (-4 °F to +131 °F)



## ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load : 5 A 250 VAC
- Initial contact resistance : 100 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 : 1,000,000 cycles at 1 A 250 VAC - 50.000 cycles at full load



## GENERAL SPECIFICATIONS

- 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
- Hand soldering : 300°C (572 °F), 5 sec. max.



## MATERIALS

- Case : polyester, glass filled
- Contacts : silver/nickel alloy
- Bushing : brass, nickel plated
- Actuator : aluminium, anodized

The company reserves the right to change specifications without notice.

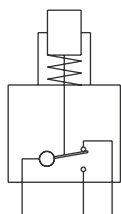


# AV series

Mushroom head security pushbutton switches •  
Ø 22 mm • momentary NC+NO



## ELECTRICAL FUNCTIONS



Combined NC+NO



## MOUNTING

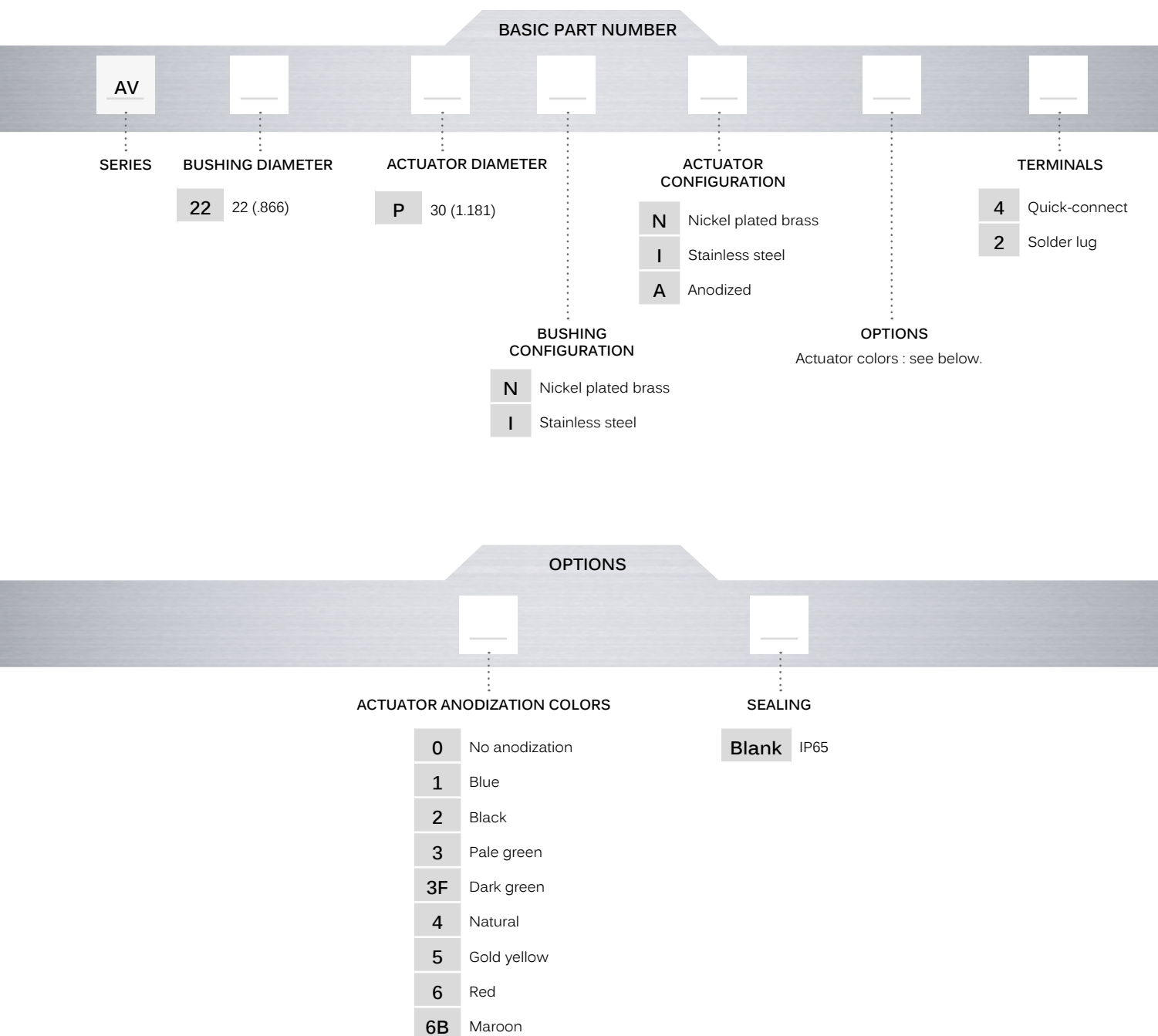
- Panel cut-out : Ø 22.2 mm (.874)
- Min. pitch for matrix mounting : 30 mm x 30 mm (1.181x1.181)

# AV series

Mushroom head security pushbutton switches •  
 Ø 22 mm • momentary NC+NO



## BUILD YOUR PART NUMBER



## 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.



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

# AV series

Mushroom head security pushbutton switches •  
 Ø 22 mm • momentary NC+NO

## MUSHROOM HEAD ACTUATOR - NICKEL PLATED BUSHING - ANODIZED ACTUATOR



Quick-connect  
 terminals

AV22PNA•4



Solder lug terminals

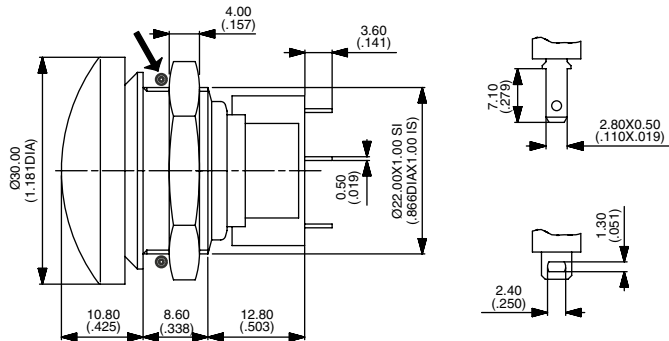
AV22PNA•2



Also available with stainless steel bushing (I) and nickel plated (N) or stainless steel (I) actuator.

→ O-RING

Hex nut 25 (.984) across flats



### ACTUATOR ANODIZATION COLORS

BASIC P/N

- 1 Blue
- 2 Black
- 3 Pale green
- 3F Dark green
- 4 Natural
- 5 Gold yellow
- 6 Red
- 6B Maroon