

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 : 5 Nm min. - 14 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.

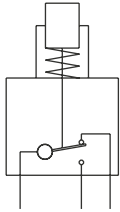


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ELECTRICAL FUNCTIONS



Combined NC+NO



MOUNTING

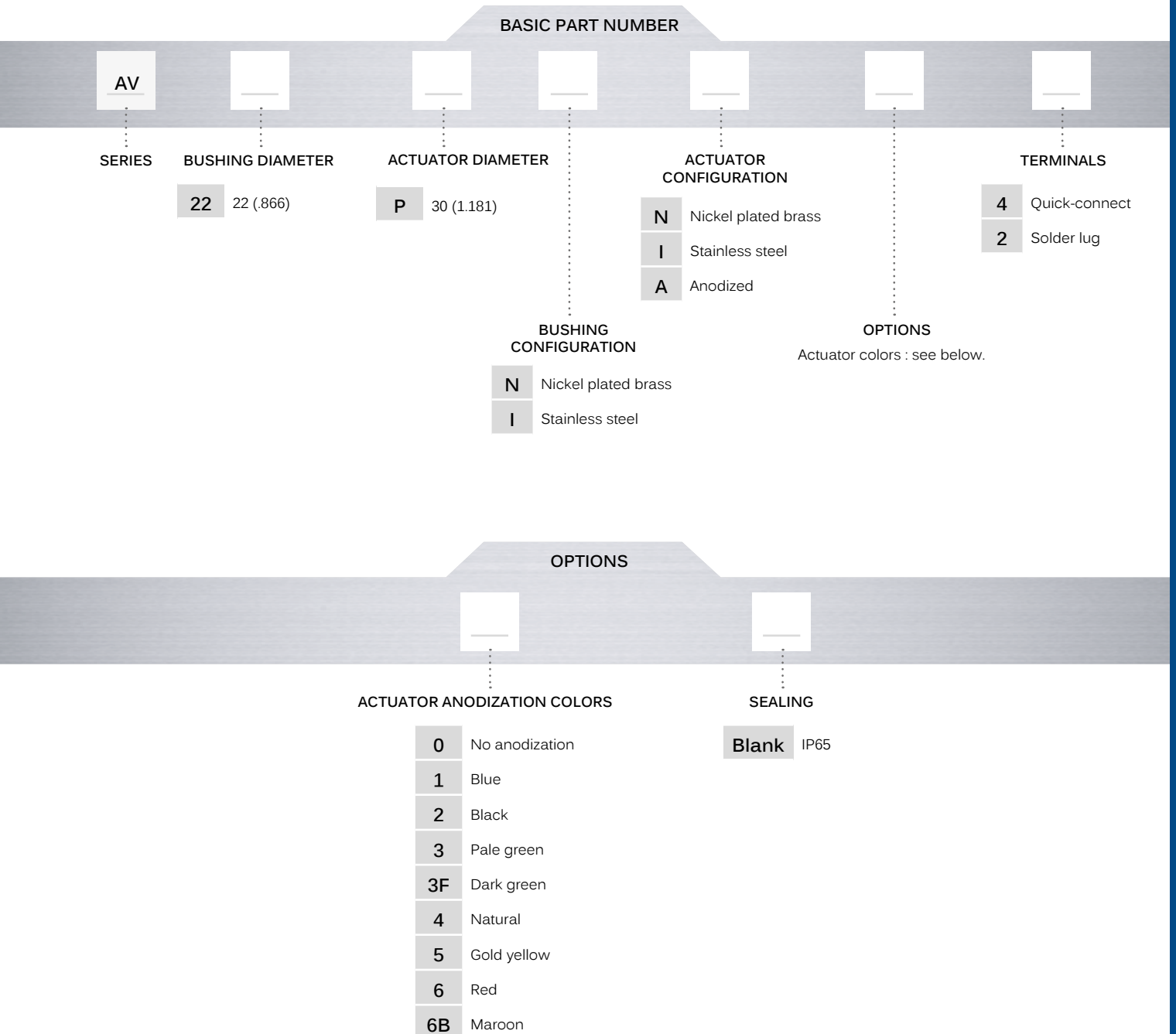
- Panel cut-out : Ø 22.2 mm (.874)
- Min. pitch for matrix mounting : 30 mm x 30 mm (1.181x1.181)

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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.

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MUSHROOM HEAD ACTUATOR - NICKEL PLATED BUSHING - ANODIZED ACTUATOR



Quick-connect terminals

AV22PNA•4



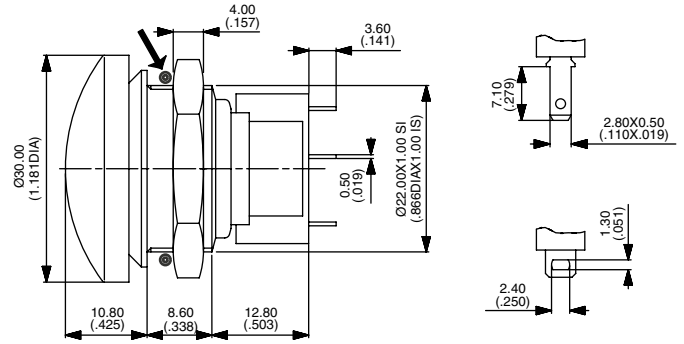
Solder lug terminals

AV22PNA•2



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

Hex nut 25 (.984) across flats
 → O-RING



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Apem:](#)

[AV19301ZQE](#) [AV09C7L3D2406E](#) [AV09C703D200](#) [AV091003C940N](#) [AV09C703D200K](#) [AV09C7L3D2006](#)
[AV191003C900](#) [AV031003C940N](#) [AV22PNA6B](#) [AV0630C900](#) [AV0630C940](#) [AV22PNA62](#) [AVM21003C940T](#)
[AV22LP402](#) [AV091003C900](#) [AV031003C200](#) [AV020003C900R](#) [AV021003C910](#) [AV021003C980K](#) [AV030003A900](#)
[AV031003C910](#) [AV0611A200](#) [AV0611A400K](#) [AV0630C910](#) [AV090003A900](#) [AV091003C910](#) [AV1611A800](#)
[AV1630C910](#) [AV191003C2X2311](#) [AV191003C900E](#) [AV191003C9X2222](#) [AV9S0D202001](#) [AV9S0D206001](#)
[AV021003C900](#) [AV021003C900K](#) [AV021003C940N](#) [AV021003C940T](#) [AV021202C000](#) [AV021202C000K](#)
[AV031003C900](#) [AV0630C900K](#) [AV0630C940K](#) [AV0830C900](#) [AV0830C900K](#) [AV0830C940](#) [AV091003C200](#)
[AV091003C900K](#) [AV091003C903](#) [AV09C7L3D2006K](#) [AV1630C900K](#) [AV1630C940](#) [AV1630C940K](#)
[AV191003C900K](#) [AV191003C940N](#) [AV19C703D200K](#) [AV22LC204](#) [AV22PNA22](#) [AV22PNA42](#) [AV24LP402](#)
[AV0611A800](#)