

WP series

Large pushbutton switch •
Threaded bushing Ø 22 mm • Momentary



DISTINCTIVE FEATURES

Military application and harsh environments

Easy to integrate

Excellent front panel sealing



ENVIRONMENTAL SPECIFICATIONS

- Operating temperature: -40 °C to +85 °C (-40°F to +185°F)
- Front Panel sealing: IP67 and IP69K according to DIN 40050-9



ELECTRICAL SPECIFICATIONS

- Max. Voltage rating with resistive load: 28 VDC
- Max. current rating with resistive load: 4 A
- Initial contact resistance: 10 mΩ max
- Insulation resistance: 1000 MΩ min at 500 VDC
- Dielectrical strength:
 - 1000 Vrms 50 Hz min. between terminals
 - 2000 Vrms 50 Hz min between poles
 - 2000 Vrms 50 Hz min. between terminals and frame
- Contact bounce: 2 ms max
- Electrical life: Silver contacts (4 A 30 VDC): 50 000 cycles



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GENERAL SPECIFICATIONS

- Torque: 1.25 Nm (.922 FT.lb) max applied to nut
- Standard panel thickness: 4 mm (.157) max
- Total travel: 2 mm (.078)

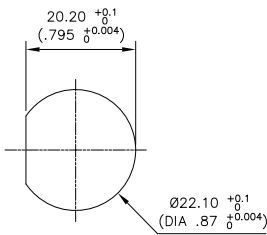


MATERIALS

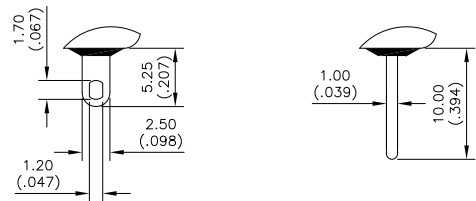
- Case: diallylphtalate (DAP)
- Actuator: Aluminium, anodized
- Contact: brass, nickel plated
- Contacts: silver
- Terminal seal: epoxy



PANEL CUT-OUT

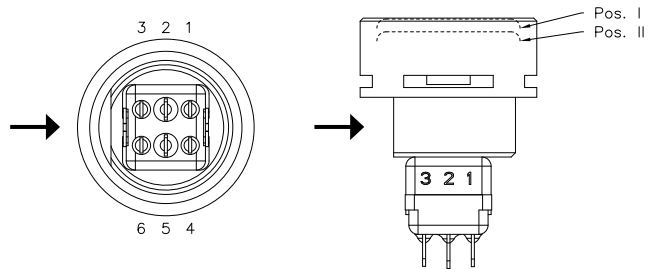


TERMINALS



ELECTRICAL FUNCTION

→ Flat



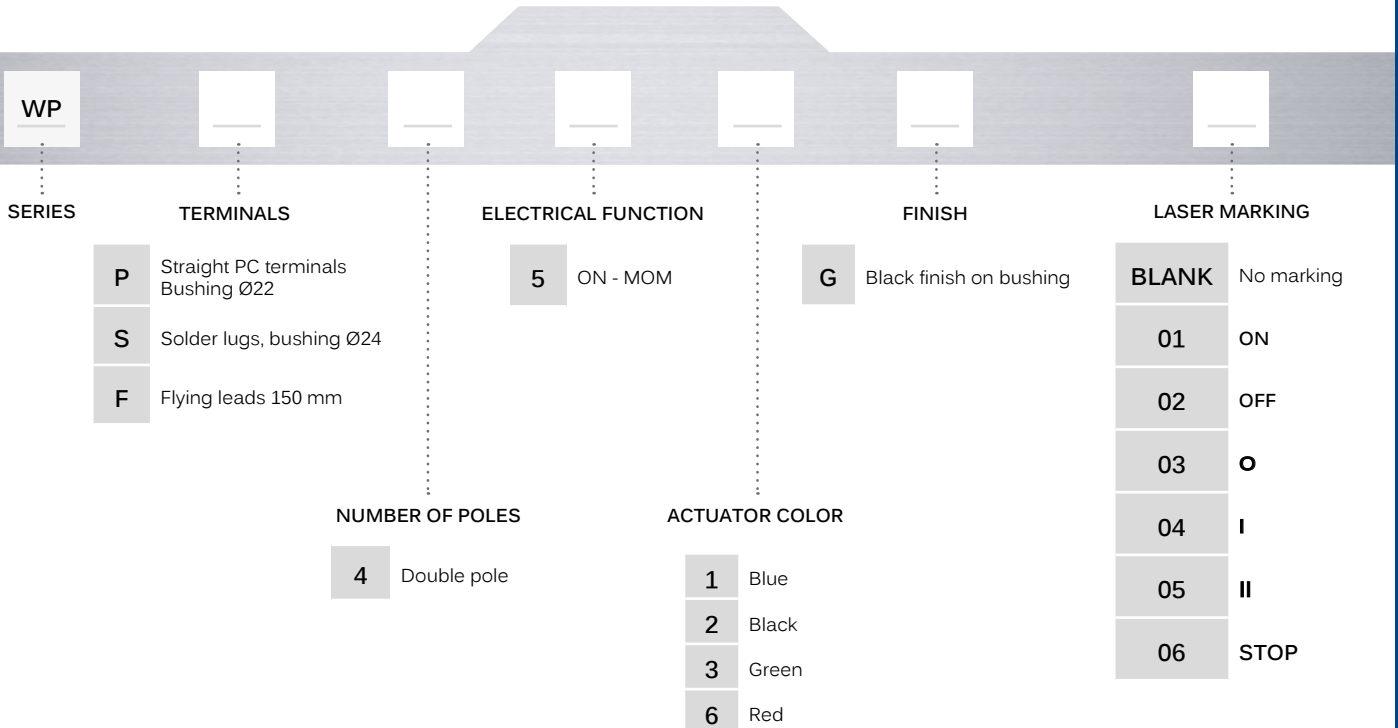
POS. I	POS. II
ON	MOM
1-3 4-6	1-2 4-5

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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.

- Notice:** please note that not all combinations of above numbers are available. Refer to the following pages for further information.
- A sealing boot** is available to protect the switches against frost and sand (P/N U5125). See "Sealing Boots" section of website.
- Mounting accessories:** Standard hardware supplied: 1 hex nut 14 mm (551) across flats and 1 O-Ring.

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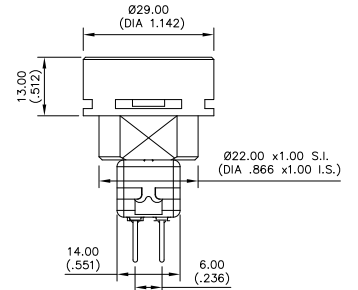
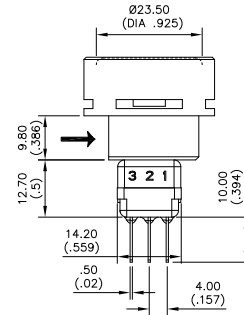
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STRAIGHT PC TERMINALS



WPP45

→ Flat

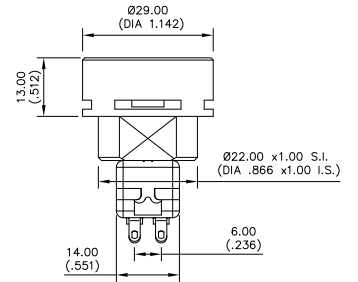
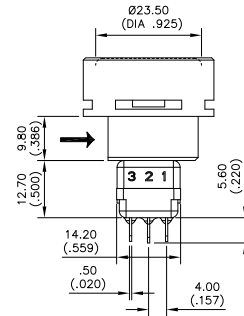


SOLDER LUGS TERMINALS



WPS45

→ Flat



FLYING LEADS TERMINALS



WPF45

→ Flat

