

SECURITY PUSHBUTTON SWITCHES • Ø19MM • 1NO1NC • LED ILLUMINATED

DISTINCTIVE FEATURES

great tactile feedback

illuminated versions

maintained or momentary action

1NO+1NC form Z

2A @ 220 V

wiring on request

marking on request



ELECTRICAL SPECIFICATIONS

Max voltage : 220 V

Max current/voltage with resistive load :
2 A @ 220Vac / 0.1 A @ 220 Vdc

Initial contact resistance : 50 mΩ max

Insulation resistance : 1 GΩ mini at 500Vdc

Electrical life : 50.000 cycles at full load

Dielectric strength : 1500 VAC, 50Hz, 50 seconds

LED voltage : see Build your part number section,

LED typical life : 40.000 hours

ENVIRONMENTAL SPECIFICATIONS

Operating temperature = from -25°C to +55°C

Protection grade to IP67 - frontpanel

Compliant with IEC60947-5-1 standard

Compliant with GB14048.5 standard

MECHANICAL SPECIFICATIONS

Actuation force : 4 Newtons

Travel : 2.5mm

Mechanical life : 1.000.000 cycles

Switchbase material : PC

Body material : Stainless steel

Button material : Stainless steel

Lugs material : gold plated copper

Contact material : gold plated silver

GENERAL SPECIFICATIONS

Typical drilling diameter : 19.5mm

Panel thickness : 20mm max.

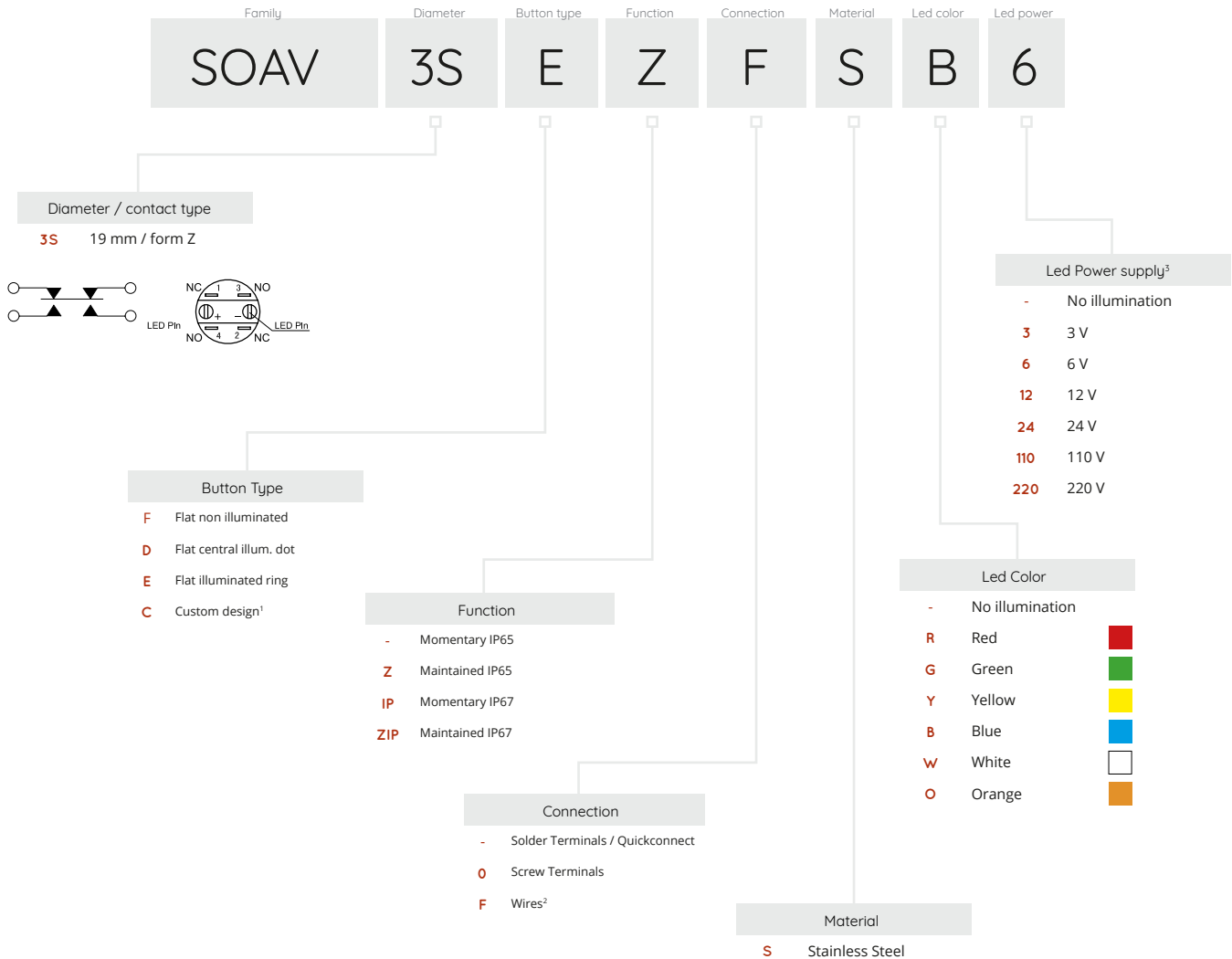
Minimum pitch for matrix installation : 24 x 24 mm

Hand soldering : 300°C max. during 5 seconds

SOAV3S series


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BUILD YOUR PART NUMBER



ABOUT THIS RANGE

¹  U.DESIGN service: custom button design on request, custom marking on request, custom illuminated logo on request.

²  U.DESIGN service : custom wiring and harness upon request.

³ Internal resistor to protect LED. Other power supplies are available on request.

Our pushbutton switches are delivered with their nickel plated brass hex nuts as well as their gasket.

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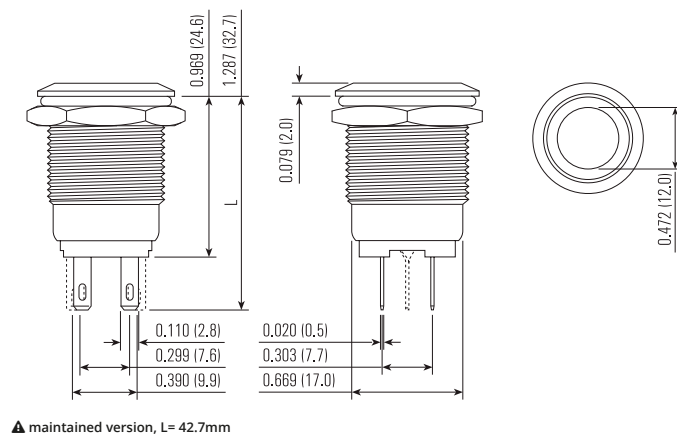
CONFIGURATION EXAMPLES

FLAT BUTTON - ILLUMINATED RING - 1NO+1NC



SOAV3SES••

stainless, momentary, solder terminals

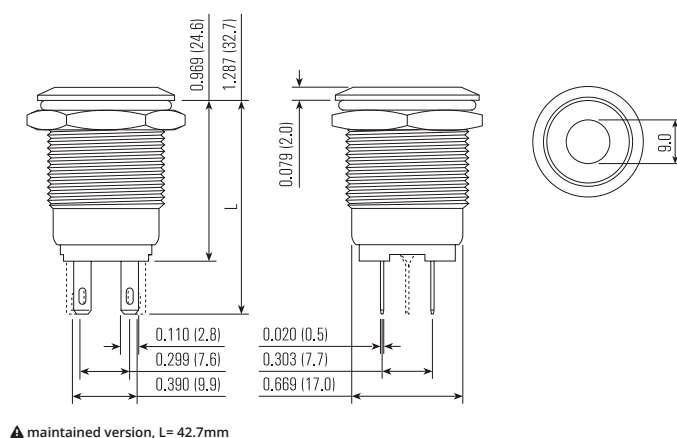


FLAT BUTTON - ILLUMINATED CENTRAL DOT - 1NO+1NC



SOAV3SDS••

stainless, momentary, solder terminals



FLAT BUTTON - “BELL” ILLUMINATED LOGO - 1NO+1NC



SOAV3SCS••

stainless, momentary, solder terminals

