SOMV16 Series

MINIATURE PUSHBUTTON SWITCHES • Ø16MM • NONC

DISTINCTIVE FEATURES

great tactile feedback
momentary action
NONC contact form Z
10A @ 250 V
custom wiring on request
IP67



ELECTRICAL CHARACTERISTICS

Max voltage : 250 Vac

Max current with resistive load :
10A @ 70°C

Initial contact resistance : 25 mΩ

Insulation resistance : 1000 MΩ mini at 500Vdc

Electrical life :
50.000 cycles under 10A @ 250 Vac
100.000 cycles under 7A @ 250 Vac

Dielectric strengh : 1000 VAC, 50Hz, 60 seconds

MECHANICAL CHARACTERISTICS

Actuation force : 390g. max

Pre-travel : 1.3mm
Over travel : 0.15mm
Travel : 2.3mm

Mechanical life : 500.000 cycles mini.

Body material : thermoplastic UL94V0

Contact material : silver alloy / gold platted silver alloy

ENVIRONMENTAL CHARACTERISTICS

Operation temperature range = from -40°C to +85°C

Front panel ingress protection : IP67

Rear panel ingress protection : IP40

Compliant with standard IEC1058-1

GENERAL CHARACTERISTICS

Installation size : 16/14.45 mm d-flat

Panel thickness : 5mm max.

Matrix installation size : 24 x 24 mm

Soldering profile : 300°C max. during 5 seconds

SOMV16 Series

MINIATURE PUSHBUTTON SWITCHES • Ø16MM • NONC

BUILD YOUR PART NUMBER

Familly	Size	Contact	Contact material	Button	Connection
SOMV	16	SP	S	R1	J

Size

16 16 mm

Contact Type

SP 1NO+1NC, form Z



Contact Material

S Silver alloy (std.)

G Gold plated silver alloy

Button Type

Material Color	Shape: Domed
PA66/Black	K1
PA66/Red	R1
PA66/Green	G1
PA66/White	W1
PA66/Blue	B1
PA66/Yellow	Y1

Connection

J Solder terminals (std.)

F[1] Custom wiring

ABOUT THIS RANGE

[1] *U.DESIGN service : Wire leads versions fully customisable on request.*

Our pushbuttons are supplied with their hex nut and washer.

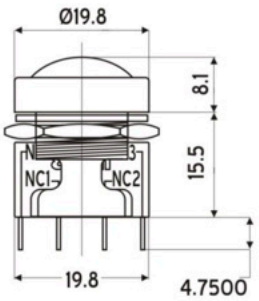
CONFIGURATION EXAMPLES

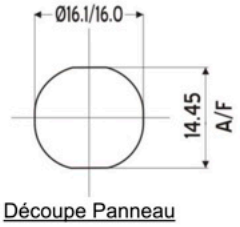
DOMED BUTTON - NO ILLUMINATION - SOLDER TERMINALS



SOMV16SPSB1J

Ag contacts. standard, blue button





Découpe Panneau

ACCESSORIES



80-599216

IP68 ingress protection silicon cap

FOR ALL YOUR CUSTOM REQUESTS, CONTACT US !
sales@kynoppe.com