by Kynoppe TACTHILL®

SIRIUS SERIES

VANDAL-RESISTANT PUSH BUTTONS
• NONC • ILLUMINATED



DISTINCTIVE FEATURES

superbright LED illumination

unmatched tactile feel

reduced footprint

IP67 - IK10

ELECTRICAL CHARACTERISTICS

Rated insulation voltage: 250 Vac

Max. current: 5 A

Rated Voltage			24V	110V	220V
Rated Current	DC (50/60Hz)	Resistive load	2A	-	-
		Inductive load	-	1A	0.5A
	AC	Resistive load	0.7A	0.2A	0.1A
		Inductive load	-	-	-

Contact type: OFF-(ON) or OFF-ON, NONC or 2NO2NC form C

Initial contact resistance: 50mΩ max

Insulation resistance: 1000 Ω min, DC500V

Electrical life: 100.000 cycles at full load

Dielectric strength: 1.000VAC, 60secs

MECHANICAL CHARACTERISTICS

Actuation force: 2~5 N

Travel: 2mm ±0,5

Mechanical life: 1.000.000 cycles

Materials:

Body: Stainless steel 304 or black anodised aluminium

Actuator: Stainless steel 316 or black anodised aluminium

Terminals: gold-plated copper

Contact: Silver tin oxide

ENVIRONMENTAL CHARACTERISTICS

Operating temperature: -30°C to +55°C

Impact resistance: IK10

Protection rating: IP67

GENERAL CHARACTERISTICS

Panel cut-out diameter: from 16,5 to 25,5 mm

Panel thickness: from 0,75 to 4mm

Compliant with IEC60947-5 / GB14048.5

RGB MIXING COLORS

IDEAL FOR...



c UL us CE Reach FRIENDLY RoHS

service U.DESIGN

ORDER GUIDE

Family	Diameter	Actuator	Contact	Action	Material	LED Colour	LED Supply
S	19	E	2	Z	S	RB	12

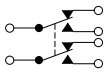
Panel Cut-out Diameter

16	dia. 16mm
19	dia. 19mm
22	dia. 22mm
25	dia. 25mm

Actuator Type

F	Flush actuator Non-illuminated
H	Raised actuator Non-illuminated
E	Flush actuator Illuminated ring
D	Flush actuator Illuminated centre dot
J	Raised actuator Illuminated ring
K	Flush actuator Illuminated logo
C	Customisation1

Contact Type

-	1NO1NC (form C)	
2	2NO2NC (form CC) dia. 22 and 25mm only	

Action

-	Momentary
Z	Maintained

Material

S	Stainless steel
A	Black anodised aluminium

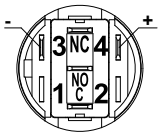
LED Colour

R	Red	
G	Green	
Y	Yellow	
B	Blue	
W	White	
O	Orange	
RB	Red / Blue	
RG	Red / Green	
RGB	RGB Mixing Colors	

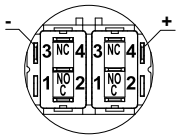
LED Power Supply2

-	Non-illuminated
6	6Vdc
12	12Vdc
24	24Vdc
110	110Vac
220	220Vac

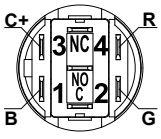
S16 and S19 1-colour LED



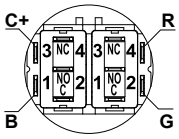
S22 and S25 1-colour LED



S16 and S19 2 or 3-colour LED



S22 and S25 2 or 3-colour LED



ABOUT THIS SERIES

1 specific illuminated logo, laser-marked logo (see logo index at the end of the brochure) 2 Protection resistor built into the button. Other voltages available on request.

Our buttons are supplied as standard with a nickel-plated brass hex nut and sealing gasket.

⚠ SOME CONFIGURATIONS MAY NOT BE AVAILABLE OR MAY BE SUBJECT TO A M.O.Q.

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

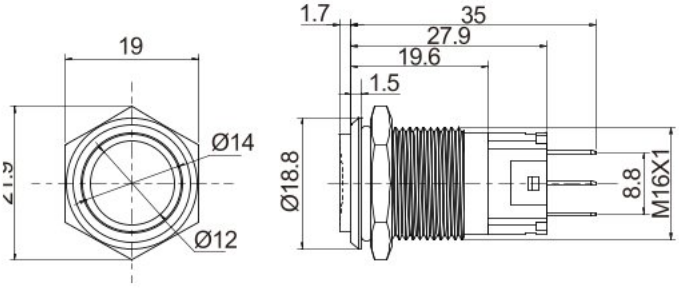
CONFIGURATION EXAMPLES

DIA.16MM



S16HZS

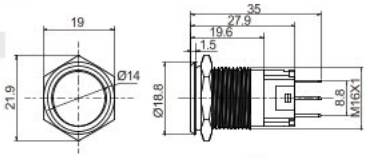
stainless steel, 1NO1NC maintained, raised actuator, non-illuminated





S16FS

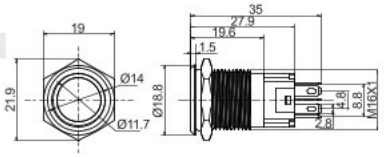
Flush actuator, non-illuminated





S16EA••

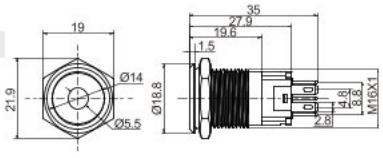
Flush actuator, illuminated ring, black anodised aluminium





S16DS••

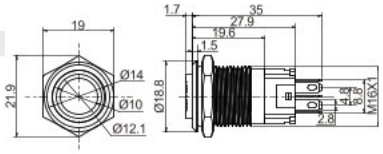
Flush actuator, illuminated centre dot





S16JS••

Raised actuator, illuminated ring

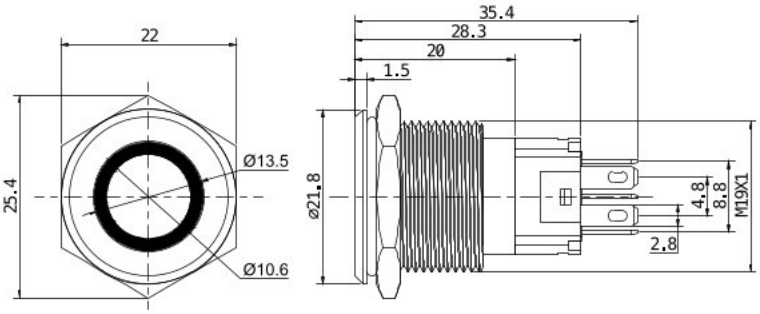


DIA.19MM



S19ESRGB•

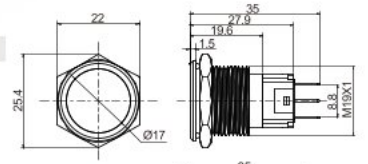
stainless steel, 1NO1NC momentary, flush actuator, RGB illuminated ring





S19FS

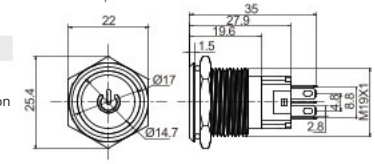
Flush actuator, non-illuminated





S19KS••

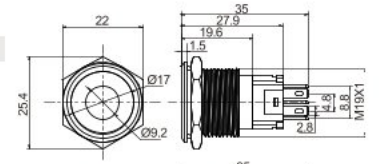
Flush actuator, illuminated power-on logo





S19DS••

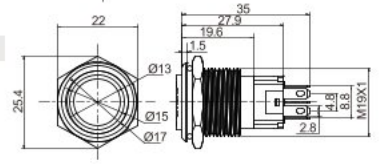
Flush actuator, illuminated centre dot





S19JS••

Raised actuator, illuminated ring



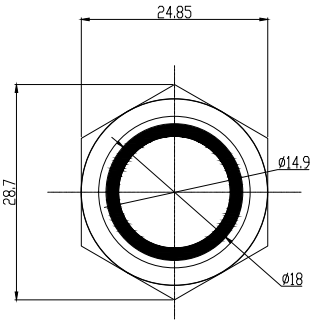
• select the LED colour and its supply voltage in the Order Guide

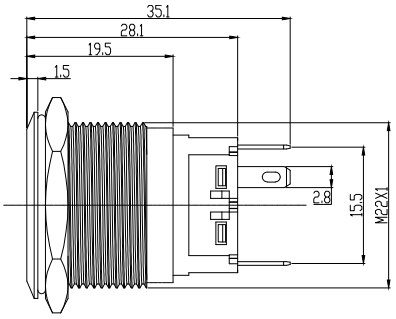
DIA.22MM



S22EZS••

stainless steel, 1NO1NC maintained, flush actuator, illuminated ring

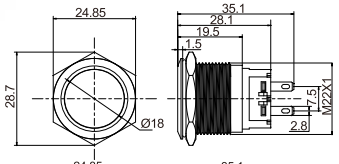






S22FS

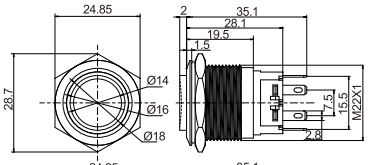
Flush actuator, non-illuminated





S22JS••

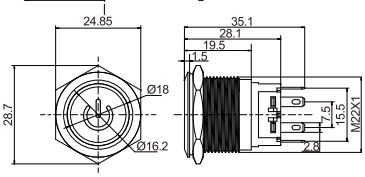
Raised actuator, illuminated ring





S22KS••

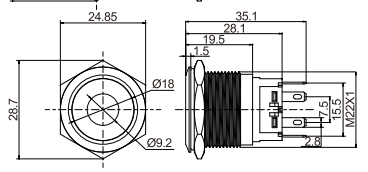
Flush actuator, illuminated power-on logo





S22DS••

Flush actuator, illuminated centre dot

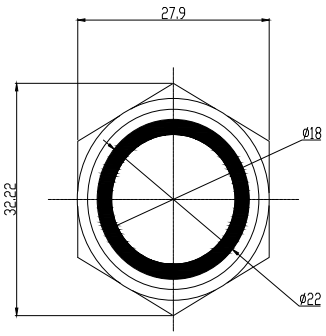


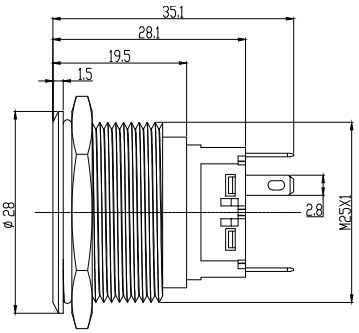
DIA.25MM



S25ES••

stainless steel, 1NO1NC momentary, flush actuator, illuminated ring

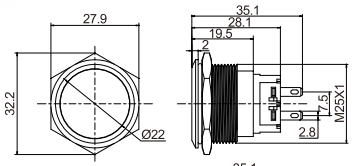






S25FS

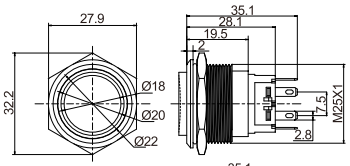
Flush actuator, non-illuminated





S25HS••

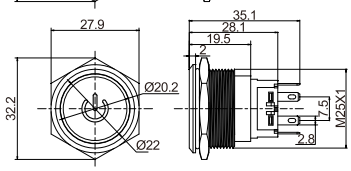
Raised actuator, illuminated ring





S25KS••

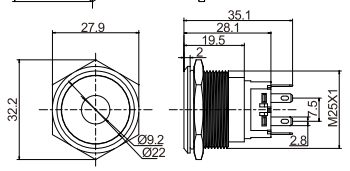
Flush actuator, illuminated power-on logo





S25DS••

Flush actuator, illuminated centre dot



• select the LED colour and its supply voltage in the Order Guide

ACCESSORIES

QUICK CONNECTOR

Wire specification: multi-strand, cross-section 1,5mm2





		S16 / S19	S22 / S25	
		1NO1NC	1NO1NC	2NO2NC
	NON-ILLUMINATED	SAC1-3P-15(A*)	SAC2-3P-15(A*)	SAC2-5P-15(A*)
LED Colours		SAC1-5P-15(A*)	SAC2-5P-15(A*)	SAC2-8P-15(A*)
		SAC1-6P-15(A*)	SAC2-6P-15(A*)	SAC2-9P-15(A*)
		SAC1-7P-15(A*)	SAC2-7P-15(A*)	SAC2-10P-15(A*)

* Add the A suffix for connectors intended for use with black anodised aluminium finish buttons

ADDITIONAL SEALING CAP



80-599217	Additional silicone sealing cap for dia. 16mm vandal-resistant button (compatible series: SOAV116, SOAV2, ALFA16, ORION16, SIRIUS16)
80-599219	Additional silicone sealing cap for dia. 19mm vandal-resistant button (compatible series: SOAV119, SOAV3, ALFA19, ORION19, SIRIUS19, 48M, 76-9510)
80-599222	Additional silicone sealing cap for dia. 22mm vandal-resistant button (compatible series: SOAV122, SOAV4, ALFA22, ORION22, SIRIUS22)
80-599225	Additional silicone sealing cap for dia. 25mm vandal-resistant button (compatible series: SOAV5, ALFA25, ORION25, SIRIUS25)