TACTHILL by Kynoppe

ALFA SERIES

SHORT-PROFILE SAFETY PUSH BUTTONS
• NO OR NC • ILLUMINATED •



DISTINCTIVE FEATURES

extra-short travel

reduced rear footprint

RGB illuminated versions

2 A @ 36 Vdc

custom wiring on request

ELECTRICAL CHARACTERISTICS

Max. voltage: 36 Vdc

Max. current with resistive load:
2 A @ 36Vdc

Initial contact resistance: 50 mΩ max

Insulation resistance: 120 MΩ min

Electrical life: 200.000 cycles at max. load

Dielectric strength: 2000 VAC, 50Hz, 50 seconds

LED power supply: see order guide on next page

Typical LED lifespan: 40.000 hours

MECHANICAL CHARACTERISTICS

Actuation force: 4 Newtons ±1 N

Travel: 0.5mm ±0.1mm

Mechanical life: 1.000.000 cycles

Base material: PA66

Body material: see order guide

Actuator material: see order guide

Terminal material: tin-plated brass

ENVIRONMENTAL CHARACTERISTICS

Operating temperature = from -30°C to +55°C

Front sealed to IP67

Vibration resistance: 10 to 55Hz, amplitude 1.2mm p-p

GENERAL CHARACTERISTICS

Typical panel cut-out: see order guide

Soldering profile: 260°C max. for 3 seconds

Compliant with IEC60947-5-1 - GB14048.5

IDEAL FOR...



c UL us CE Reach friendly RoHS

service U.DESIGN

ORDER GUIDE

Family	Diameter	Actuator	Contact	Connection	Material	LED Colour	LED Supply
A	19	E		J	S	B	6

Panel Cut-out Diameter / Contact Type

16	dia. 16mm / form X
19	dia. 19mm / form X
22	dia. 22mm / form X
25	dia. 25mm / form X
30	dia. 30mm / form X



Contact

	Normally Open NO (Std.)
C	Normally Closed NC

LED Power Supply4

-	Non-illuminated
3	3V
6	6V
12	12V
24	24V

Actuator Type

F	Flush actuator Non-illuminated
H	Raised actuator Non-illuminated
E	Flush actuator Illuminated ring
J	Raised actuator Illuminated ring
C	Specific1



Specific illuminated logo on dia. 19mm

Connection

J	Solder lugs / Quickconnect
C	Connector 2
F	Sealed wire outlet 3



Option C on dia. 19mm

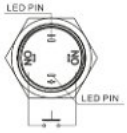
Material

S	Stainless steel
A	Black anodised aluminium, other anodising colours available on request

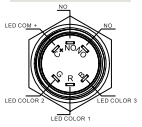
LED Colour

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

ALFA 1-colour LED



ALFA 2 or 3-colour LED



ABOUT THIS SERIES

1 U.DESIGN service: custom actuator design on request, illuminated logo, custom marking or flat on request.

2 U.DESIGN service: custom button wiring produced to your requirements and technical specifications. 3 Only available for 19mm, 22mm and 25mm diameters.

4 Max. current 20mA. Protection resistor built into the button.

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

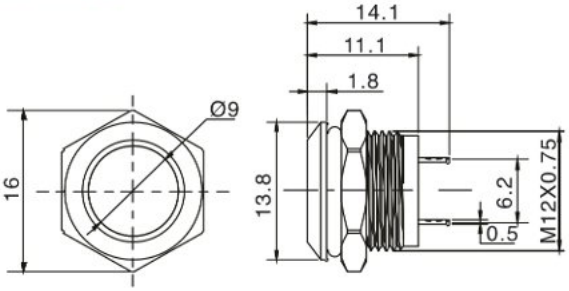
CONFIGURATION EXAMPLES

DIA.12MM - FLUSH ACTUATOR - NON-ILLUMINATED



A12FJS

stainless steel, momentary, terminals

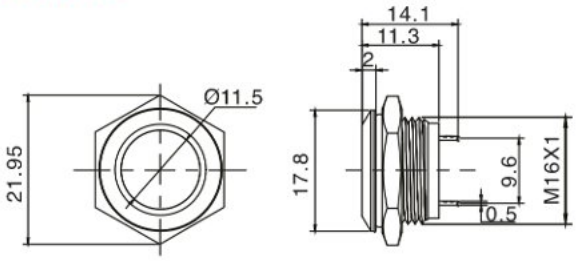


DIA.16MM - FLUSH ACTUATOR - NON-ILLUMINATED



A16FJS

stainless steel, momentary, terminals

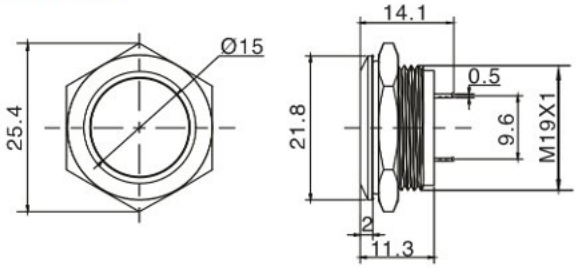


DIA.19MM - FLUSH ACTUATOR - NON-ILLUMINATED



A19FJS

stainless steel, momentary, terminals

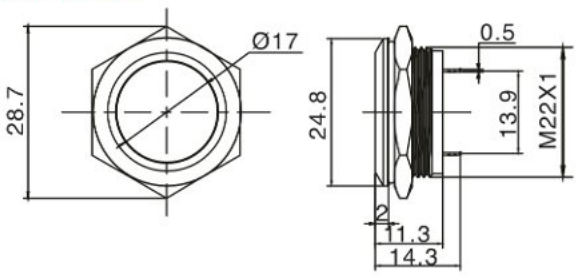


DIA.22MM - FLUSH ACTUATOR - NON-ILLUMINATED



A22FJS

stainless steel, momentary, terminals

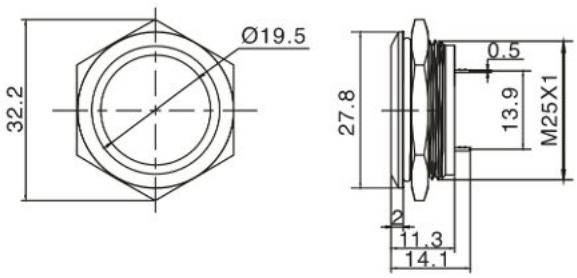


DIA.25MM - FLUSH ACTUATOR - NON-ILLUMINATED



A25FJS

stainless steel, momentary, terminals



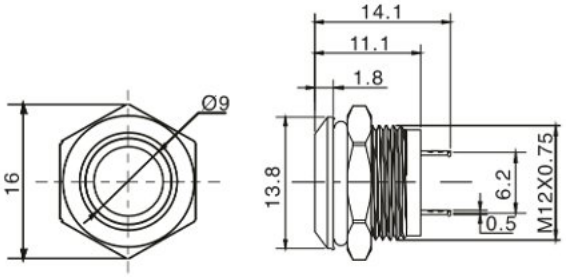
DIA.12MM - FLUSH ACTUATOR - ILLUMINATED



A12EJA••

black anodised aluminium, momentary, terminals

• select the LED colour and resistor value in the Order Guide



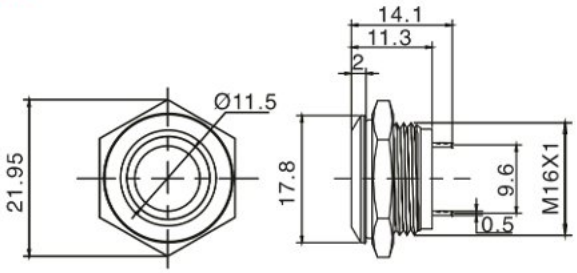
DIA.16MM - FLUSH ACTUATOR - ILLUMINATED



A16EJS••

stainless steel, momentary, terminals

• select the LED colour and resistor value in the Order Guide



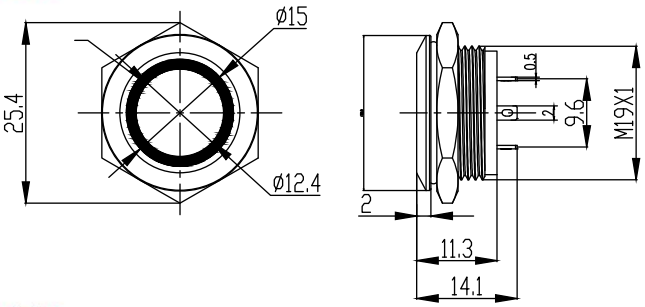
DIA.19MM - FLUSH ACTUATOR - ILLUMINATED



A19EJA••-X034

red anodised aluminium, momentary, terminals

• select the LED colour and resistor value in the Order Guide



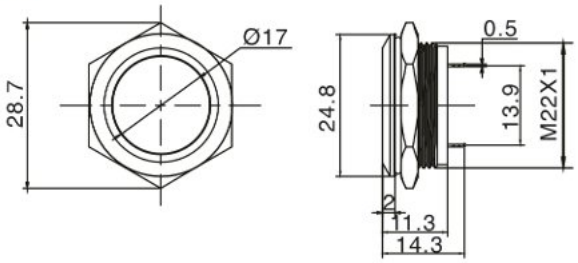
DIA.22MM - FLUSH ACTUATOR - ILLUMINATED



A22EJS••

stainless steel, momentary, terminals

• select the LED colour and resistor value in the Order Guide



DIA.30MM - RAISED ACTUATOR - ILLUMINATED



A30JJS••

stainless steel, momentary, terminals

• select the LED colour and resistor value in the Order Guide

