TACTHILL by Kynoppe

ERX Series

ROBUST PUSHBUTTON SWITCHES • UP TO 2NO2NC



FUNCTIONAL ADVANTAGES

Robustness and durability (IK10)
Waterproof (IP67)
Standard formats (19mm and 22mm)
Vandal resistance
Reliable tactile control

The ERX Series is designed to meet the requirements of the most demanding industrial and outdoor environments. It features SPST or DPST contacts, ensuring reliable control of both open and closed circuits. With its IP67 protection rating, the ERX Series offers excellent resistance to dust, moisture, and water splashes, making it ideal for harsh or climatically challenging environments. Standard Ø19 mm and Ø22 mm formats ensure compatibility with most control interfaces. Its robust body and high-quality materials, including AgCd012 contacts, ensure long life even under intensive use.

ELECTRICAL CHARACTERISTICS

Rated insulation voltage: 250 Vac / 36 Vdc
Thermal current: 5 A
Max breaking current: 5 A - 250 Vac
Contact type: OFF-(ON) or OFF-ON, NO+NC or 2NO2NC, Form C
Initial contact resistance: max 50 mΩ
Insulation resistance: min 1000 MΩ at 500 VDC
Dielectric strength: 1500 VAC, 60 seconds
Electrical lifespan: 100,000 cycles at full load

MECHANICAL CHARACTERISTICS

Actuation force: 8 N
Travel : 3 mm
Mechanical lifespan: minimum 200,000 cycles
Materials :
- Body: Stainless Steel 304
- Button: Stainless Steel 316, PVD coating, UV-resistant, waterproof
- Terminals: Copper H59
- Contact: Silver-Cadmium Oxide

ENVIRONMENTAL CHARACTERISTICS

Operating temperature: -40°C to +85°C
Impact resistance: IK10
Protection degree: IP67
Complies with IEC60947-5 / GB14048.5

CARACTÉRISTIQUES GÉNÉRALES

Mounting hole diameter: 19.5 mm / 22.5 mm
Panel thickness: from 0.75 mm to 4 mm

IDEAL FOR...








CE Reach friendly RoHS✓

BUILD YOUR PART NUMBER

Family	Diameter	Button Type	Contact	Action		Button Color
ER	19	M	2	Z	S	RB

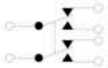
Installation Size

19	dia. 19mm
22	dia. 22mm

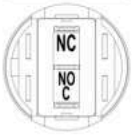
Button Type

M	Mushroom dia. 30mm (ER19) Mushroom dia. 40mm (ER22)

Contact Type

-	1NO1NC (C form)	
2	2NO2NC (CC form) Only ER22	

ER19



ER22



Button Color[1]

N	Stainless Natural	
R	Red	
G	Green	
Y	Yellow	
B	Blue	
K	Black	
XX	Custom color from RAL ID	

Action

-	Momentary OFF-(ON)
Z	Alternate OFF-ON

ABOUT THIS RANGE

[1] The button caps of the ERX series are coated using a highly technical treatment process — PVD coating, commonly used in watchmaking — which provides an aesthetically pleasing, UV-resistant finish. This ensures durability, scratch resistance, and color stability for outdoor use. Five standard colors are available. Customization with RAL color chart is available upon request.

Our push-buttons are delivered as standard with a nickel-plated brass hexagonal nut and a sealing gasket.

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

⚠ SOME CONFIGURATIONS MIGHT NOT BE AVAILABLE OR SUBMITTED TO M.O.Q.

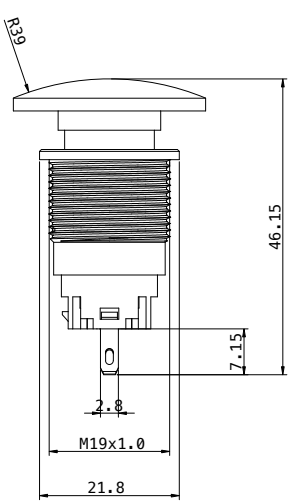
CONFIGURATION EXAMPLES

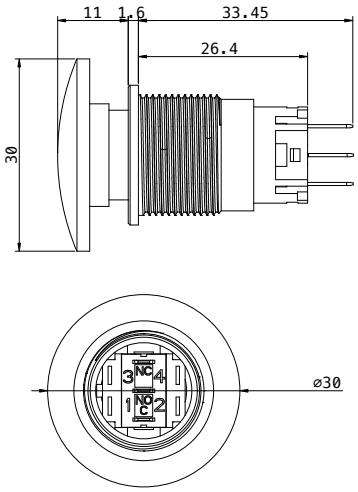
DIA.19MM



ER19MSR

stainless, 1NO1NC momentary
red mushroom button





DIA.22MM



ER22M22SG

stainless, 2NO2NC momentary
green mushroom button

