

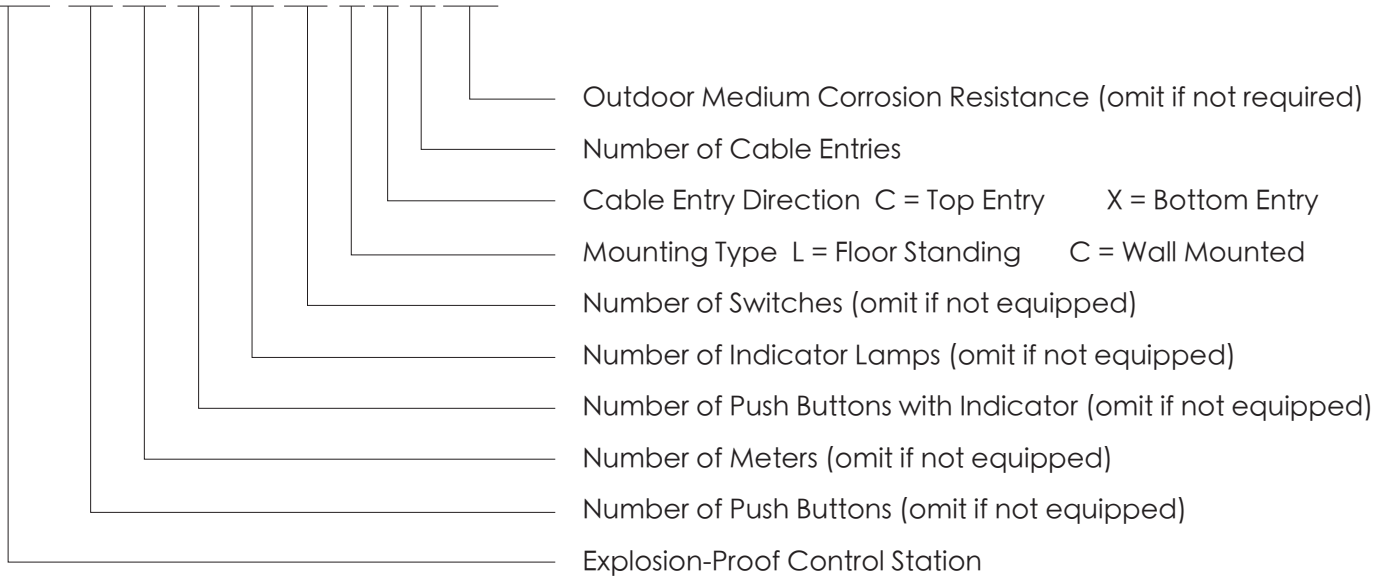
### Applications

- Widely used in hazardous environments such as oil and gas exploration, petroleum refining, chemical processing, pharmaceutical plants, military facilities, offshore oil platforms, and marine vessels.
- Suitable for Zone 1 and Zone 2 hazardous locations with explosive gas atmospheres.
- Suitable for Group IIA, IIB, and IIC explosive gas environments.
- Suitable for combustible dust hazardous areas classified as Zone 21 and Zone 22.
- Suitable for temperature classes T1–T6.



### Model Designation

LBZ58 - A  B  C  D  K      WF1



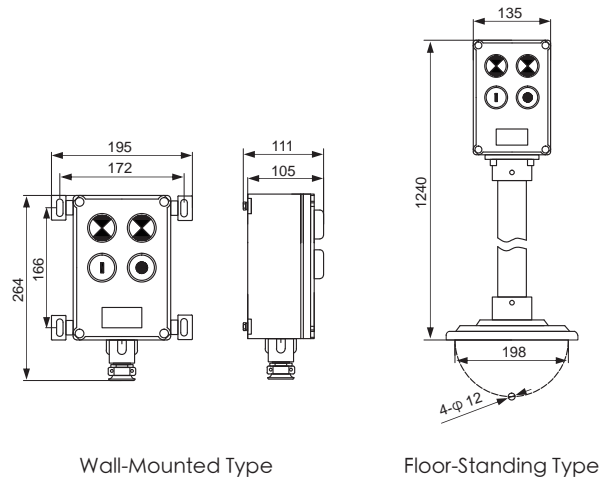
### Technical Parameters

Rated Voltage	AC220V / AC380V	Explosion Protection	Ex d e IIC T6 Gb
Rated Current	10A	Protection Degree	IP65
Enclosure Material	Aluminum Alloy	Corrosion Resistance	WF1
Mounting Type	Wall Mounted, Floor Standing	Utilization Category	AC-15, DC-13
Built-in Components	Explosion-Proof Push Button, Explosion-Proof Meter, Explosion-Proof Illuminated Push Button, Explosion-Proof Indicator Lamp, Explosion-Proof Switch		
Applicable Standards	GB 3836.1, GB 3836.2, GB 3836.3		

## Product Features

- Enclosure made of ZL102 cast aluminum alloy, with high-pressure electrostatic powder coating after high-speed shot blasting and cleaning.
- Pole-mounted fixing structure with press-formed steel pipe design, offering an attractive appearance, firm installation, and easy mounting.
- Can be equipped with selector switches, push buttons, meters (customizable), and indicator lamps.
- Patented enclosure design with streamlined appearance and segmented surface treatment for enhanced corrosion resistance.
- Terminal blocks use internationally recognized brand rail-mounted terminals, improving product safety and reliability.
- More than 30 switch function combinations are available and can be customized according to customer requirements.
- Fully enclosed metal housing structure provides reliable explosion protection and is suitable for dust hazardous areas.
- Optional metal handle available for low-temperature environments.
- Viewing window is made of high-strength tempered borosilicate glass.
- Excellent weather resistance, suitable for direct outdoor installation.
- Suitable for cable wiring (please specify steel conduit wiring when ordering).

## Outline & Mounting



Wall-Mounted Type

Floor-Standing Type