



Applications

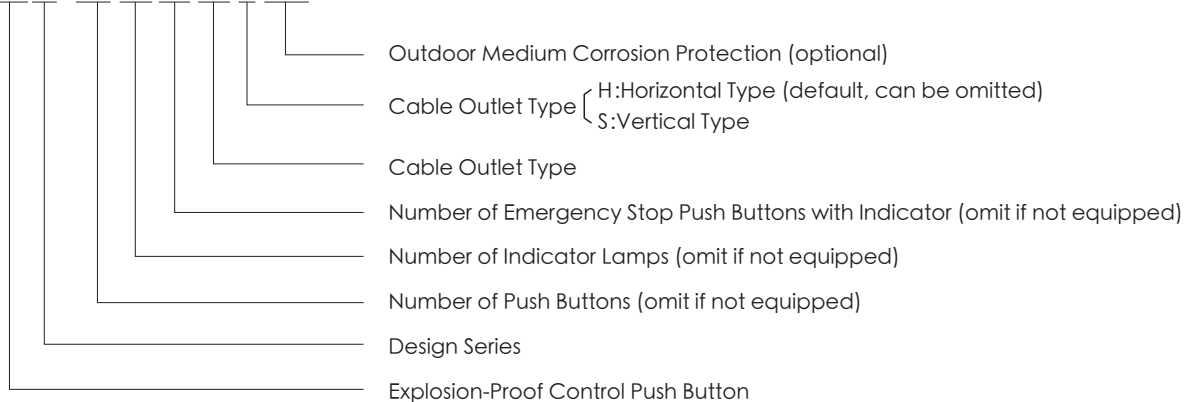
- Suitable for Zone 1 and Zone 2 hazardous areas with explosive gas atmospheres.
- Suitable for Group IIA, IIB, and IIC explosive gas environments.
- Suitable for Zone 21 and Zone 22 combustible dust environments.
- Suitable for temperature classes T1–T6.
- Widely used in hazardous locations such as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

Product Features

- Enclosure is manufactured from ZL102 cast aluminum alloy with a durable high-voltage electrostatic powder-coated finish.
- Integrated composite construction with an increased-safety enclosure design, providing excellent resistance to water ingress and dust. All built-in push buttons, indicator lamps, and meters are certified explosion-proof components.
- Suitable for both steel conduit wiring and cable wiring installations.

Model Designation

BLA 53 - A □ D □ J □ C □ □ / WF1

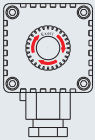
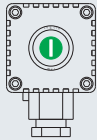
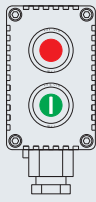
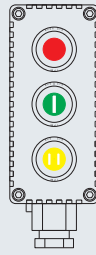
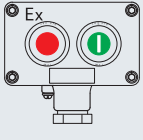








Standard Selection List

Model	Contact Configuration	Enclosure Type	Description
BLA53-J1	1NO + 1NC	I	One Emergency Stop Push Button
BLA53-A1	1NO + 1NC	I	One Green Push Button
BLA53-A2S	2NO + 2NC	II	One Red Push Button + One Green Push Button, Vertical Type
BLA53-A2H	2NO + 2NC	IV	One Red Push Button + One Green Push Button, Horizontal Type
BLA53-C2H	2NO + 2NC	IV	One Red Illuminated Push Button + One Green Illuminated Push Button, Horizontal Type
BLA53-A3S	3NO + 3NC	III	One Red Push Button + One Green Push Button + One Yellow Push Button, Vertical Type
BLA53-A2D1S	2NO + 2NC	III	One Indicator Lamp + One Red Push Button + One Green Push Button, Vertical Type

Note: The models listed above are standard configurations of this series. Other configurations can be customized according to the model designation requirements.

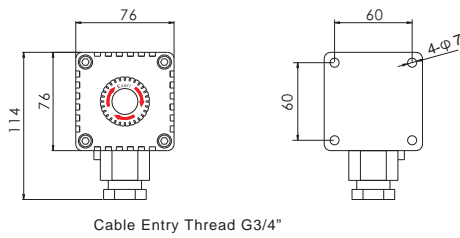
Typical Configuration Examples

Enclosure Type	I	II	III	IV		
Available Components	  BLA 53-J1 BLA 53-A1	 BLA 53-A2S	 BLA 53-A3S	  BLA 53-A2H BLA 53-C2H		
	 Emergency Stop Push Button (1NO + 1NC)	 Green Push Button (1NO + 1NC)	 Red Push Button (1NO + 1NC)	 Yellow Push Button (1NO + 1NC)	 Red Illuminated Push Button (1NO + 1NC)	 Green Illuminated Push Button (1NO + 1NC)

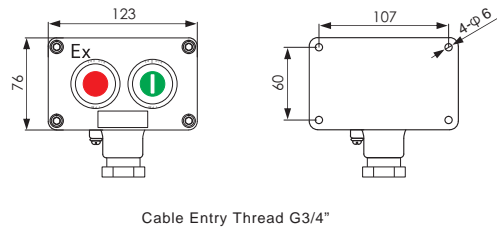
Main Technical Parameters

Explosion Protection	Ex de II C T6 Gb	Rated Voltage	AC220V / AC380V
Protection Degree	IP65	Rated Current	10A
Corrosion Resistance	WF1	Cable Entry Thread	G3/4"
Utilization Category	AC-15,DC-13	Suitable Cable Diameter	φ 9mm~φ 14mm
Standards	GB 3836.1, GB 3836.2, GB 3836.3		

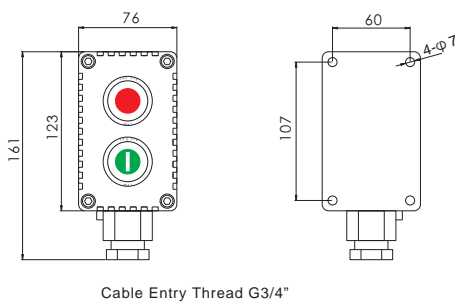
Outline & Mounting



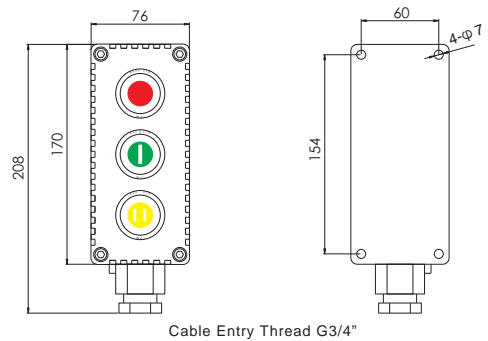
BLA53-□ 1



BLA53-□ 2H



BLA53-□ 2S



BLA53-□ 3S