

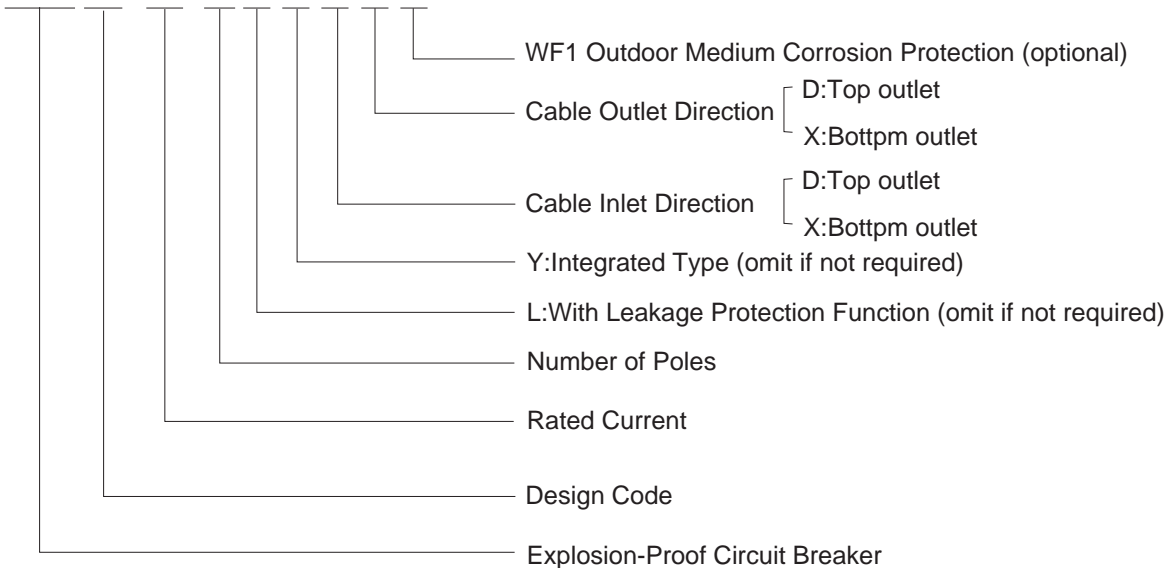
#### Application

- Widely used in hazardous environments such as oil & gas production, petroleum refining, chemical processing, pharmaceuticals, military facilities, offshore oil platforms, and oil tankers
- Suitable for Zone 1 and Zone 2 hazardous 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.



#### Model Description

BDZ 58 - □ / □ □ □ □ □ □



#### Product Features

- Enclosure made of die-cast ZL102 aluminum alloy with electrostatic powder-coated finish
- Equipped with a high-breaking-capacity miniature circuit breaker
- Provides overload and short-circuit protection
- Optional accessories include residual current protection devices (RCD) and shunt trip units
- Suitable for both conduit wiring and cable wiring

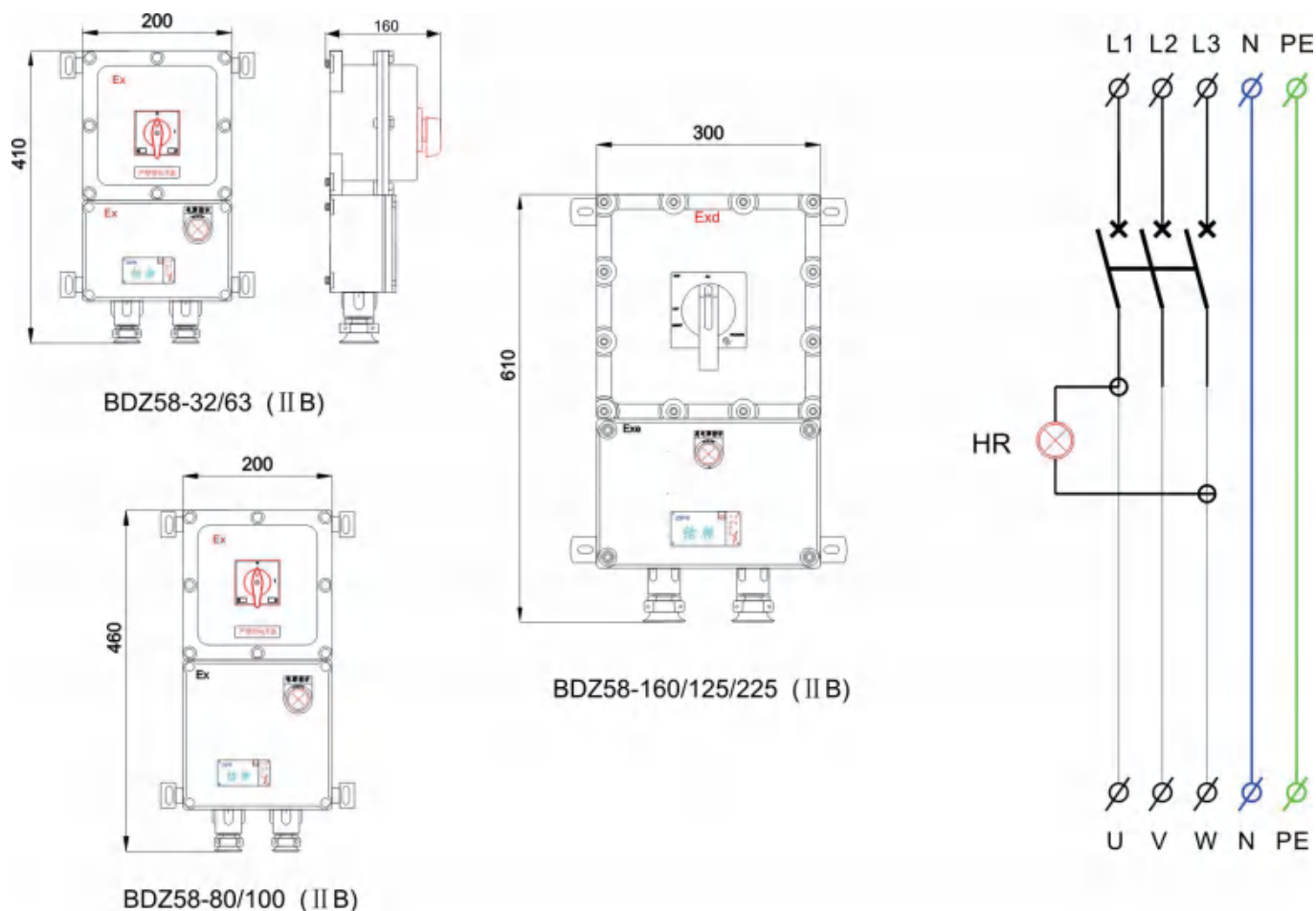
## Main Technical Parameters BDZ58-□/□ (II B)

Explosion-proof Marking	Ex d II B T6 Gb	Rated Voltage	AC220V/AC380V
Protection Rating	IP54	Enclosure Material	Die-cast Aluminum Alloy
Mounting Type	Surface Mounted	Cable Entry	Customizable (Default: Bottom Entry & Bottom Exit)
Internal Components	Circuit Breaker, Terminal Blocks, Indicator Lamp		
Standards	GB3836.1 / GB3836.2 (Equivalent to IEC 60079)		

## Selection Table

Model	Rated Current (A)	Poles	Cable Entry Thread	Suitable Cable Diameter (mm)
BDZ58-□/□	1, 2, 4, 6, 10, 16, 20	1P, 2P, 3P, 4P	G3/4	Ø10-Ø14
	25, 32, 40	1P, 2P, 3P, 4P	G1	Ø12-Ø18
	50, 63	1P, 2P, 3P, 4P	G1-1/4	Ø18-Ø26
	80, 100	1P, 2P, 3P, 4P	G1-1/2	Ø22-Ø32
	160, 200, 225	1P, 2P, 3P, 4P	G2	Ø26-Ø38
BDZ58-□/□L	1, 2, 4, 6, 10, 16, 20	1PL,2PL,3PL,4PL	G3/4	Ø10-Ø14
	25, 32, 40	1PL,2PL,3PL,4PL	G1	Ø12-Ø18
	50, 63	1PL,2PL,3PL,4PL	G1-1/4	Ø18-Ø26
	80, 100	1PL,2PL,3PL,4PL	G1-1/2	Ø22-Ø32
	160, 200, 225	1PL,2PL,3PL,4PL	G2	Ø26-Ø38

## Outline & Mounting



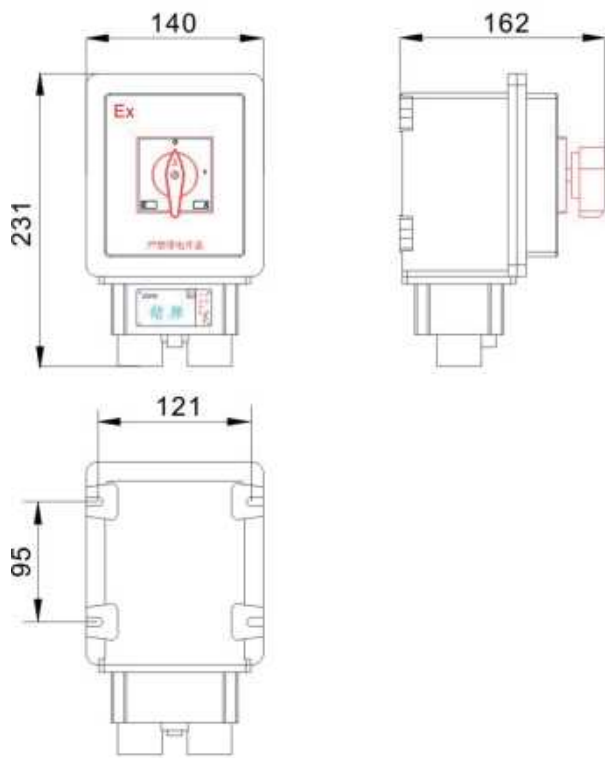
## Main Technical Parameters BDZ58-□/□Y (II B)

Explosion-proof Marking	Ex d e IIB T4 Gb	Rated Voltage	AC220V/AC380V
Protection Rating	IP54	Enclosure Material	Die-cast Aluminum Alloy
Mounting Type	Wall Mounted	Cable Entry	Bottom Entry / Bottom Exit
Internal Components	Circuit Breaker, Terminal Blocks		
Standards	GB3836.1 / GB3836.2 (Equivalent to IEC 60079)		

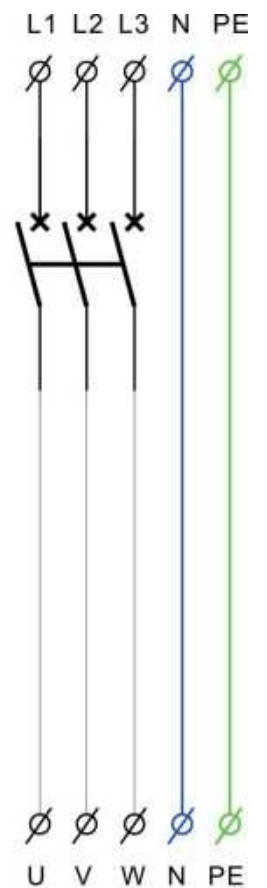
## Selection Table

Model	Rated Current (A)	Poles	Cable Entry Thread	Suitable Cable Diameter (mm)
BDZ58-□/□Y	1, 2, 4, 6, 10, 16, 20 25, 32, 40 50, 63	1P, 2P, 3P	G3/4	Ø10-Ø14

## Outline & Mounting



BDZ58-□/□Y



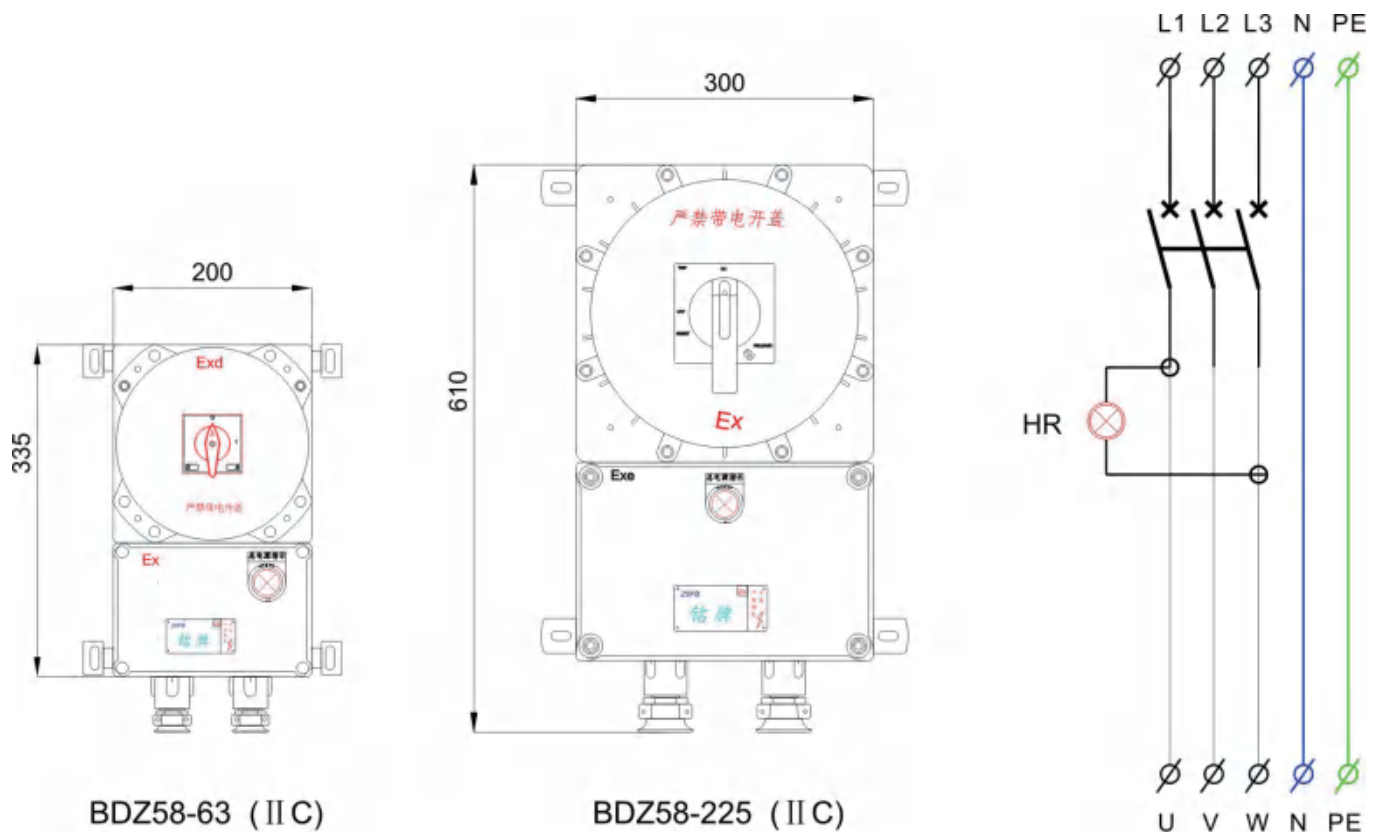
## Main Technical Parameters BDZ58-□/□ (II C)

Explosion-proof Marking	Ex d e IIB T4 Gb	Rated Voltage	AC220V/AC380V
Protection Rating	IP54	Enclosure Material	Die-cast Aluminum Alloy
Mounting Type	Surface Mounted	Cable Entry	Customizable (Default: Bottom Entry & Bottom Exit)
Internal Components	Circuit Breaker, Terminal Blocks, Indicator Lamp		
Standards	GB3836.1 / GB3836.2 (Equivalent to IEC 60079)		

## Selection Table

Model	Rated Current (A)	Poles	Cable Entry Thread	Suitable Cable Diameter (mm)
	1, 2, 4, 6, 10, 16, 20	1P, 2P, 3P, 4P	G3/4	Ø10-Ø14
	25, 32, 40	1P, 2P, 3P, 4P	G1	Ø12-Ø18
	50, 63	1P, 2P, 3P, 4P	G1-1/4	Ø18-Ø26
	80, 100	1P, 2P, 3P, 4P	G1-1/2	Ø22-Ø32
	160, 200, 225	1P, 2P, 3P, 4P	G2	Ø26-Ø38
BDZ58-□/□L	1, 2, 4, 6, 10, 16, 20	1PL,2PL,3PL,4PL	G3/4	Ø10-Ø14
	25, 32, 40	1PL,2PL,3PL,4PL	G1	Ø12-Ø18
	50, 63	1PL,2PL,3PL,4PL	G1-1/4	Ø18-Ø26
	80, 100	1PL,2PL,3PL,4PL	G1-1/2	Ø22-Ø32
	160, 200, 225	1PL,2PL,3PL,4PL	G2	Ø26-Ø38

## Outline & Mounting



BDZ58-63 (II C)

BDZ58-225 (II C)

U V W N PE