

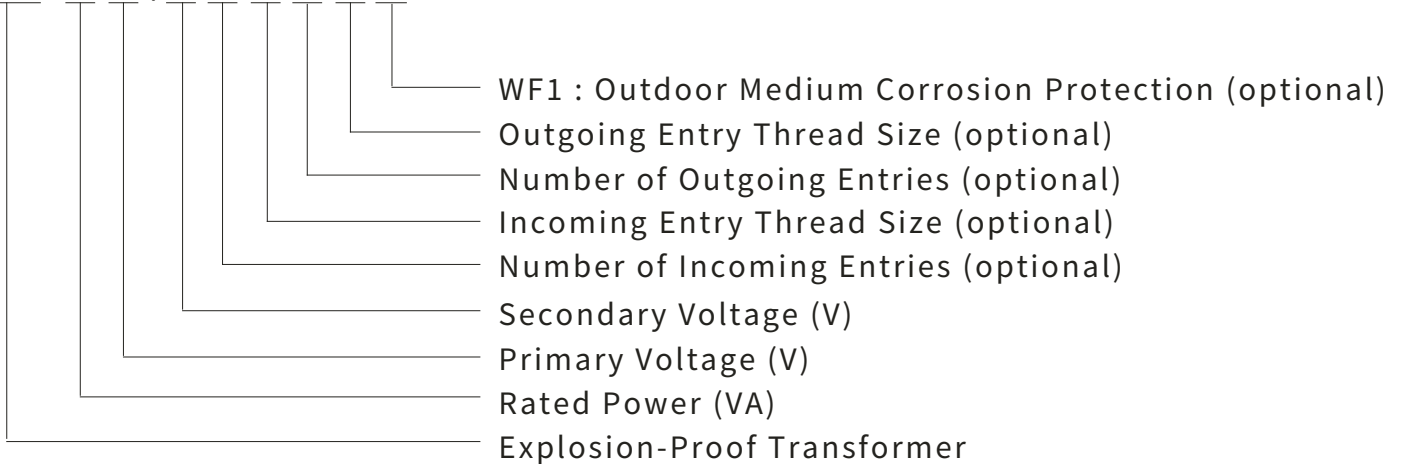
### Application

- Suitable for hazardous locations in the oil & gas, petrochemical, chemical, pharmaceutical, military, offshore platform, and marine industries
- Suitable for Zone 1 and Zone 2 hazardous gas atmospheres
- Suitable for Gas Groups IIA, IIB, and IIC
- Suitable for Temperature Classes T1–T6



### Model Description

BBK-□□/□□□□□□□□



### Product Features

- Die-cast aluminum alloy enclosure
- High-voltage electrostatic powder coating
- Suitable for cable or steel conduit wiring
- Stable voltage output
- Reliable flameproof structure
- Multiple voltage configurations available

## Standard Models

Model	Rated Power (kVA)	Primary Voltage (V)	Explosion Protection
BBK-0.5	0.5	380/220	Ex d IIB
BBK-1	1	380/220	Ex d IIB
BBK-0.5	0.5	380/220	Ex d IIC

## Main Technical Parameters

Item	IIB Version	IIC Version
Applicable Standards	GB 3836.1 / 2, IEC 60079-0 / 1, EN 60079-0 / 1	GB 3836.1 / 2, IEC 60079-0 / 1, EN 60079-0 / 1
Explosion Marking	Ex d IIB T4 Gb	Ex d IIC T6 Gb
Primary Voltage	AC 220V / 380V	AC 220V / 380V
Secondary Voltage	6.3V, 12V, 24V, 36V, 127V	6.3V, 12V, 24V, 36V, 127V
Rated Capacity	0.5 kVA / 1 kVA	0.5 kVA / 1 kVA
Protection Degree	IP54	IP55
Corrosion Protection	WF1 / WF2	WF1 / WF2
Cable Entry Thread	G1" / G3/4"	G1" / G3/4"
Cable Diameter	Φ12–17 mm (inlet) / Φ8–14 mm (outlet)	Φ12–17 mm (inlet) / Φ8–14 mm (outlet)

## Outline & Mounting

