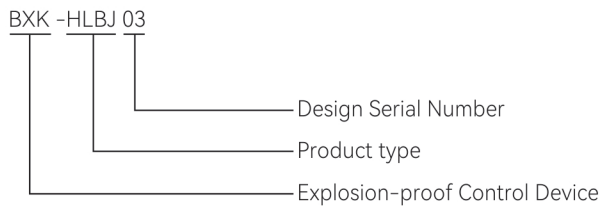


### Model implication



### Application

1. Explosive gas environment of Class IIA~IIB in Zone 1 and Zone 2;
2. Temperature group: T1~T4;
3. Indoor and outdoor;
4. For hazardous locations, such as oil depots, chemical plants and military factories, requiring electrostatic grounding detection with alarm triggering, signal output, and interlock control.

### Main technical parameters

| Rated voltage           | Work current                             | Response Time      | Detection Resistance | Alarm mode                    |
|-------------------------|------------------------------------------|--------------------|----------------------|-------------------------------|
| AC220V<br>DC24V         | < 20mA                                   | < 1s               | < 55Ω                | audible-visual<br>voice-light |
| Outputting Signals      | Outputting Contacts                      | Ex mark            | Protection grade     | Working temperature           |
| 10A/30VDC<br>10A/250VAC | one normally open<br>one normally closed | Ex db ib IIB T4 Gb | IP20                 | -20°C~+40°C                   |

Note: Rated voltage needs specified.

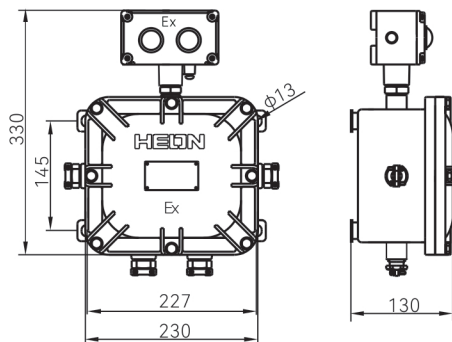
### Features

1. Cast aluminum alloy die-cast shell, high voltage electrostatic spray on the surface, with good anti-corrosion performance, stainless steel exposed fasteners;
2. The Explosion-proof Enclosure contains the Main Control Board internally, with buzzers and signal lights housed in the top compartment.
3. The main control board includes passive contacts, to be selected according to system requirements;
4. Using PU cable, featuring high tensile strength, oil resistance, hydrolysis resistance, abrasion resistance, corrosion resistance, and cold resistance (-40°C);
5. Cable wiring.

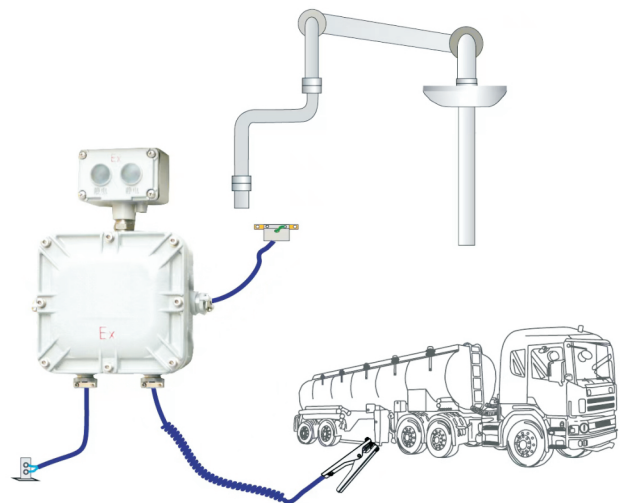


Note: Mounting brackets are not included by default; please specify if required.

### Outline and installation dimensions



### On-site Installation Schematic



### Main annexes

| Serial | Annex name                    | Accessory Model | Number | Note                                                                  |
|--------|-------------------------------|-----------------|--------|-----------------------------------------------------------------------|
| 1      | Main control box              | BXK-HLBJ03      | 1      | Internal HLBJ03-F Main Control Board                                  |
| 2      | Audible and visual alarm      | HL-AL-B6        | 1      | Acoustic-optical alarm with fault status indication                   |
| 3      | Electrostatic grounding clamp | HL-SC-D/7.5     | 1      | Standard with 7.5m PU spiral cable, 10m optional (on request)         |
| 4      | Return Plate                  | HL-RP           | 1      | 304 stainless steel                                                   |
| 5      | Grounding Cable               | HL-PE-X/3       | 1      | Standard with 3m PU straight cable, including grounding mounting bolt |