

## BRU 535

### Beamdetector Reset Unit

The BRU-535 is a reset unit, with which the BDS 535 can be local deactivated.

The BRU 535 can be connected to the BRC 535th



Abb. 1 BRU 535

### Presentation

The connection box is an optional accessory which facilitates the start up, the operation and the maintain of the BSD 535.

It offers the following functions:

- Disabling (HS) / Enabling (ES) of the BSD 535 with a key ;
- Resetting of the BSD 535 (only for the Relay version) ;
- Connection of the BSD 535 remote control.



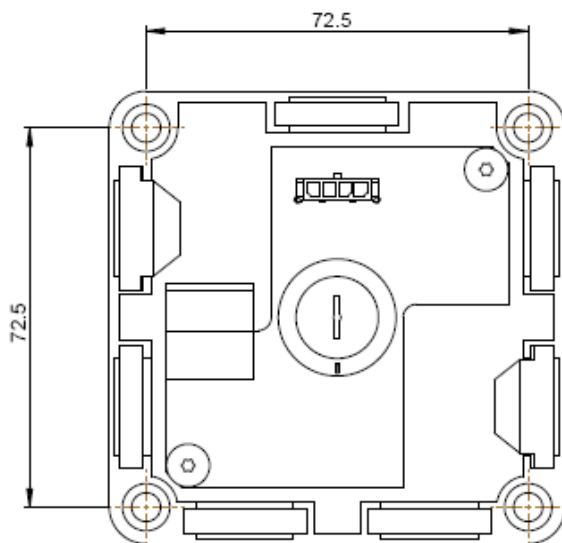
#### Notice

You can not connect more than one connection box by BSD 535 ;  
This box can not be shared with several BSD 535.

### Installation

#### Wall Fastening

4 Ø = 4 mm screws (not provided) Installation height: 1, 30 m.

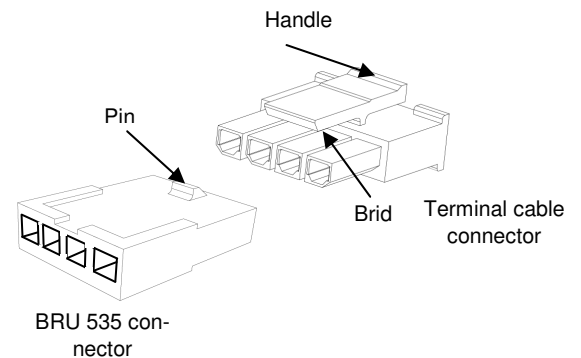


Distance between fastening points of the BSD 535

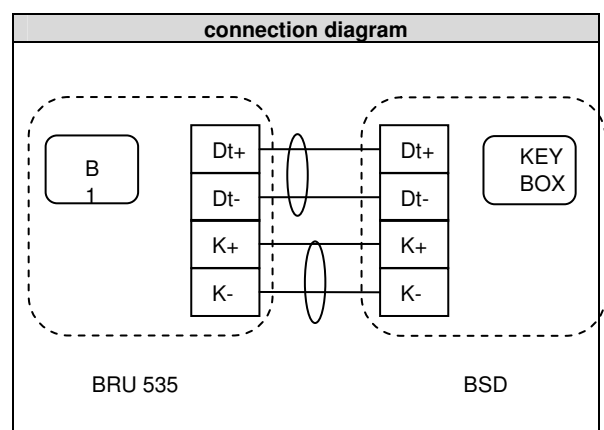
### Electrical installation

Terminal connection:

- BRC 535 terminal connection
    - Pull the tab on the lexan to reveal the connector of BRU 535.
- The connector of the terminal cable has a clickable locking system with a valve bridge followed by a tipping lever (see the drawing below). Connect both connectors until they click into locking position.



- BRC 535 terminal disconnection
  - In order to disconnect the terminal from the connection box, exert pressure on the base of the lever to release the pin of the valve bridge before removing the cable from the terminal.



# Data Sheet

| terminal block |                        |
|----------------|------------------------|
| Mark           | Function               |
| K-             | Ground                 |
| K+             | "+" key entry          |
| Dt-            | "-" communication line |
| Dt+            | "+" communication line |

Maximum wire section : 1,5 mm<sup>2</sup>

The recommended cables are a 2×1 type pair Ø = 8/10 mm without screen.

The maximum cable length between the BSD 535 and the BRU 535 is 500 m.

## Functions

### Enabling of the BSD 535:

When the key is in stand by position, the detector is in operating mode. This mode is the normal operation mode of the BSD 535.

### Disabling of the BSD 535:

When the key is in disable position, the BSD 535 does not perform its function of fire detection. It sends a fault status in the CIE. The yellow indicator light of the BSD 535 proves it.

### Resetting of the BSD 535 (only for the Relay version)

The BSD 535 reset is done when the key changes from the disable position to the stand by position.


This function applies only to Relay version. For other versions (Conventional and Addressable), the reset is done by the CIE.


## Article numbers / replacement parts

| Type                     | Art.-Number CH | Art.-Number      |
|--------------------------|----------------|------------------|
| BSD 535                  | 242896         | 11-3000006-01-01 |
| <b>Replacement parts</b> |                |                  |
| BRE 535-1                | 242934         | 11-3000003-01-01 |
| <b>Accessories</b>       |                |                  |
| BRU 535                  | 242900         | 11-3000005-01-01 |
| BRC 535                  | 242918         | 11-3000002-01-01 |
| BRP 535                  | 242926         | 11-3000004-01-01 |
| BRE 535-3                | 242977         | 11-3000003-03-01 |

## Technical features

|                     |                        |                                  |
|---------------------|------------------------|----------------------------------|
| Weight              | 110                    | g                                |
| External dimensions | 90,5×90,5×40,5 (W×L×H) | mm                               |
| Index of Protection |                        | IP 40                            |
| Colour              |                        | Light gray                       |
| Cover fastening     |                        | 4 captive screws (provided)      |
| Cable route         |                        | 7 entries via knockouts opercula |

|  |               |
|--|---------------|
|  | <b>Notice</b> |
| The connection box does not require power supply.                                  |               |

|  |               |
|--|---------------|
|  | <b>Notice</b> |
| Connecting the connection box does not change consumption of the BSD 535.          |               |