SIEMENS

Cerberus™ PRO / Cerberus™ FIT

# Interbases

## DBS721, DBS728, DBS729



**Sounder interbase, sounder beacon interbase, sounder interbase with supplementary optical indication for the automatically addressable detector bus C-NET**

- Addressed (C-NET)
- 11 tones to choose from, 2 programmable alarm levels
- Adjustable sound levels up to 89 dBA
- Compatible with all addressable Cerberus point detectors
- Supply and communication via C-NET
- Also included with the DBS728:
  - 13 tones to choose from, 2 programmable alarm levels
  - Adjustable sound levels up to 93 dBA
  - Meets the requirements of the EN 54-23 standard
  - White LEDs with two adjustable luminous intensities: Light/high (Class 'C-3-5') and dark/low (Class 'O-1.5-2.4') in accordance with EN 54-23
- Also included with the DBS729:
  - Red LEDs with adjustable luminous intensities – 3 programmable levels

## Properties

- Supply via C-NET, no auxiliary supply required
- Integrated line separator
- Adjustable sounds and sound levels, sounds synchronized for all alarm devices
- Synchronized optical signal in DBS728
- Protected electronics and high-quality components
- Eco-friendly
  - Environmentally friendly processing
  - Reusable materials
  - Electronic parts and synthetic materials can be easily separated
- If a point detector is not used, then the cover plate BP720 (accessory) can be mounted

## Use

- Hotel rooms
- Restrooms
- Offices

### Intended use

The interbases are intended for installation in an addressable detector base on an C-NET detector line in conjunction with a fire control panel FC72x ('Cerberus PRO' product line) or FC361-xx ('Cerberus FIT').

Do not mount an alarm sounder or other alarm devices into the interbases.

## Functions

### Functions shared by all interbases

The interbases provide an alarm in an addressed fire detection system FS720 and FC360. They activate an acoustic signal in the event of a fire alarm.

The interbases each have their own device addresses and can be configured independently of an point detector if one is in use.

All point detectors in the series Cerberus™ PRO FD720 can be used in the interbases.

External alarm indicators can even be connected to the point detectors when using the interbases.

### Sounder beacon interbase DBS728

In the event of a fire alarm, the sounder beacon interbase DBS728 activate both an acoustic and optical alarm signal (with the white LEDs flashing).

### Sounder interbase with supplementary optical indication DBS729

In the event of a fire alarm, the sounder interbase with supplementary optical indication DBS729 emits both an acoustic and optical alarm signal (with the red LEDs flashing).

## Type Overview

| Type | Designation | Order number | Weight [kg] |
|---|---|---|---|
| DBS721 | Sounder interbase | S54372-F13-A1 | 0.225 |
| DBS728 | Sounder beacon interbase | S54372-F14-B1 | 0.232 |
| DBS729 | Sounder interbase with additional optical indicator | S54372-F14-A1 | 0.236 |

### Accessories

| Type | Designation | Order number | Weight [kg] |
|---|---|---|---|
| BP720 | Blanking plate including validation seal sign | S54372-B12-A1 | 0.027 |
| DBZ1193A | Designation plate | A5Q00002621 | 0.026 |
| LP720 | Detector locking device | S54319-F9-A1 | 0.001 |
| RS721 | Interbase seal | S54319-F32-A1 | 0.026 |

## Product documentation

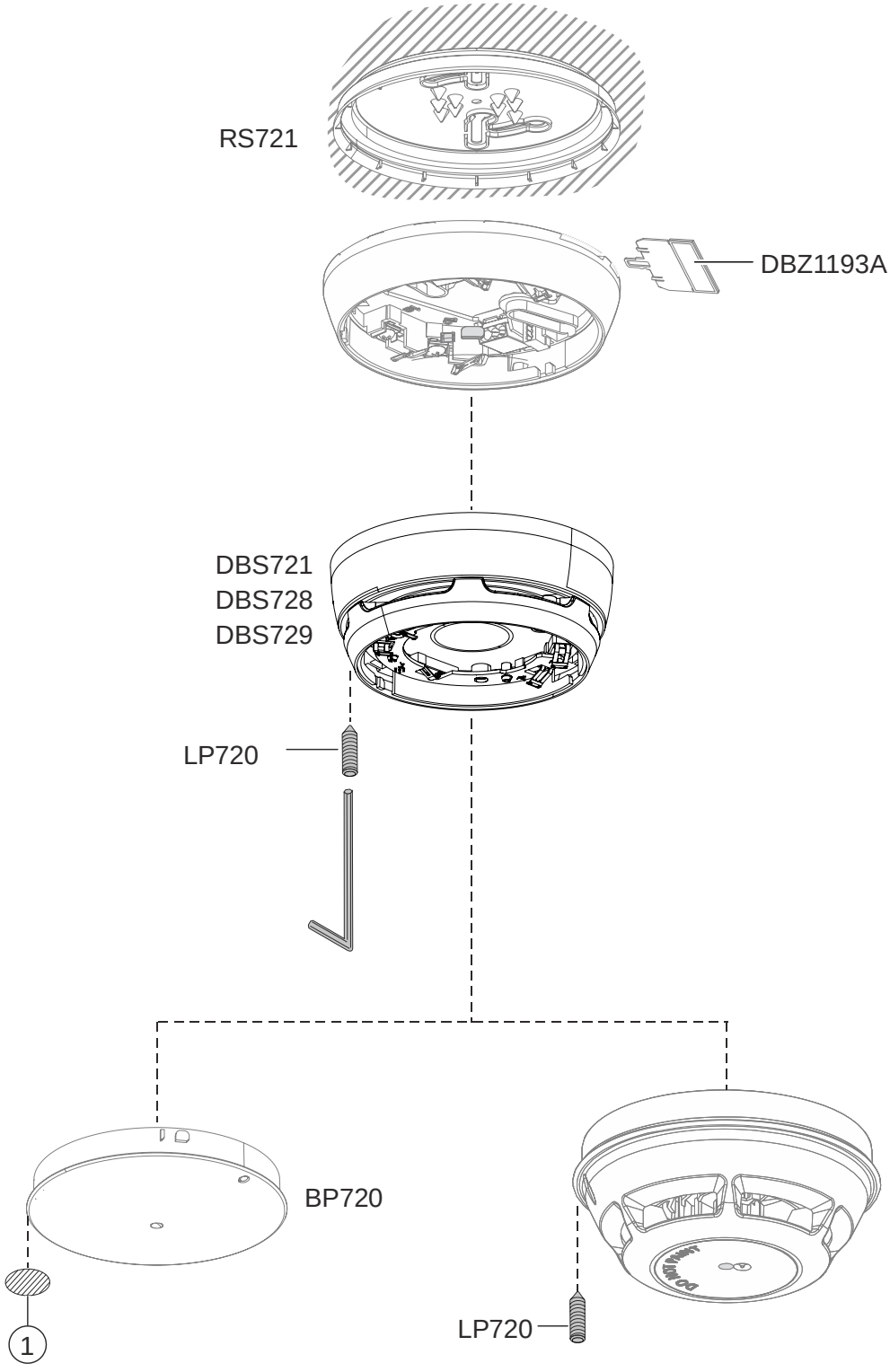
| Document ID | Title |
|---|---|
| A6V10202198 | Data sheet Automatic fire detectors OH720, OP720, HI720, HI722 |
| A6V10229261 | List of compatibility (for 'Cerberus™ PRO' product line) |
| A6V10284161 | Data sheet Automatic fire detectors OOH740, OOHC740 |
| A6V10320094 | Technical manual Sounder interbase DBS721, Sounder beacon interbase DBS728, Sounder interbase with supplementary optical indication DBS729 |
| A6V10882301 | List of compatibility (for 'FC360' product line) |

Related documents such as environmental declarations, CE declarations, etc., can be downloaded at the following Internet address:

https://siemens.com/bt/download

## Mounting

The interbases DBS721, DBS728 and DBS729 form a single unit together with the point detector and are mounted on a detector base DB72x.




*Mounting the interbase and accessories*

1 Seal label

## Disposal



The device is considered an electronic device for disposal in accordance with the European Guidelines and may not be disposed of as domestic garbage.

- Dispose of the device through channels provided for this purpose.
- Comply with all local and currently applicable laws and regulations.

## Technical data

| Supply | |
|---|---|
| Operating voltage | DC 12…33 V |
| Operating current (quiescent) | Max. 250 µA |
| • Sound activated | DBS721/DBS729: 3.5 mA |
| | DBS728: 3.6 mA (115 mW) |
| • Optical indicator activated | DBS728: 3.0/7.8 mA (65/130 mW) (dark/light) |
| | DBS729: 1.5/4.0/6.5 mA (dark/medium/light) |
| • Optical indicator and sound activated | DBS728: 5.6/10.6 mA (160/225 mW) (dark/light) |
| | DBS729: 5.0/7.5/10.5 mA (dark/medium/light) |

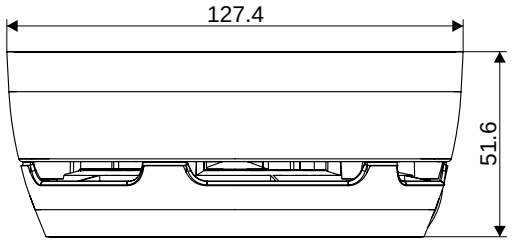
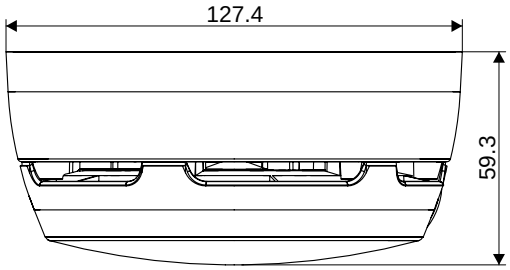
| Functional data | |
|---|---|
| Sounds | DBS721/DBS729: 11<br>DBS728: 13<br>2 alarm levels<br>2 sound levels<br>(1 alarm sound level, 1 test sound level) |
| Sound level (alarm sound level) | DBS721/DBS729: 82…89 dBA |
| | DBS728: 77…93 dBA |
| Luminous intensity | DBS728 in accordance with EN 54-23:<br>light/high C-3-5<br>dark/low O-1.5-2.4<br>(ceiling mounted, cylindrical cover cap as in Class C) |
| | DBS729: 0.9…3.2 cd |
| Luminous intensity levels | DBS728: 2 levels (not available with all control panels) |
| | DBS729: 3 levels, 2 flashing modes<br>(not available with all control panels) |
| Communication protocol | C-NET |
| System compatibility C-NET | FS720, FC360 |
| Color | ~RAL9010 pure white / translucent |

| Line connections | |
|---|---|
| Conductor cross-section on detector base | 0.2…1.5 $mm^2$ |

| Ambient conditions and protection category | |
|---|---|
| Protection category (IEC 60529) with interbase seal RS721: | • IP21C (with point detector)<br>• IP21C (with BP720) |
| Operating temperature | -25…+55 °C |
| Storage temperature | -30…+75 °C |
| Air humidity | ≤95 % rel. |

| Standards, directives and approvals | |
|---|---|
| Standards | EN 54-3, type A, EN 54-17<br>EN 54-23 type A, Class C and O (DBS728 only) |
| Approvals VdS | DBS721: G211083 |
| | DBS728: G216064 |
| | DBS729: G211084 |

## Dimensional drawings

| Interbase DBS72x | Interbase DBS72x with blanking plate BP720 |
|---|---|
|  |  |

| 11 CE 0786 | **DBS721** | Siemens Schweiz AG; Theilerstrasse 1a<br>CH-6300 Zug<br>Technical data: see doc. **A6V10320094** |
|---|---|---|
| DBS721 - Sounder incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings. | | |
| 305/2011/EU (CPR): EN 54-3 / EN 54-17 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581 | | |
| The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or https://siemens.com/bt/download | | |
| DoP No.: 0786-CPR-21100; DoC No.: CED-DBS721 | | |

| 16 CE 0786 | **DBS728** | Siemens Schweiz AG; Theilerstrasse 1a<br>CH-6300 Zug<br>Technical data: see doc. **A6V10320094** |
|---|---|---|
| DBS728 - Visual alarm devices / Sounder Type A incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings. | | |
| 305/2011/EU (CPR): EN 54-17 / EN 54-3 / EN 54-23 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581 | | |
| The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or https://siemens.com/bt/download | | |
| DoP No.: 0786-CPR-21509; DoC No.: CED-DBS728 | | |

| 11 CE 0786 | **DBS729** | Siemens Schweiz AG; Theilerstrasse 1a<br>CH-6300 Zug<br>Technical data: see doc. **A6V10320094** |
|---|---|---|
| DBS729 - Sounder incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings. | | |
| 305/2011/EU (CPR): EN 54-17 / EN 54-3 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581 | | |
| The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or https://siemens.com/bt/download | | |
| DoP No.: 0786-CPR-21101; DoC No.: CED-DBS729 | | |

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