

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

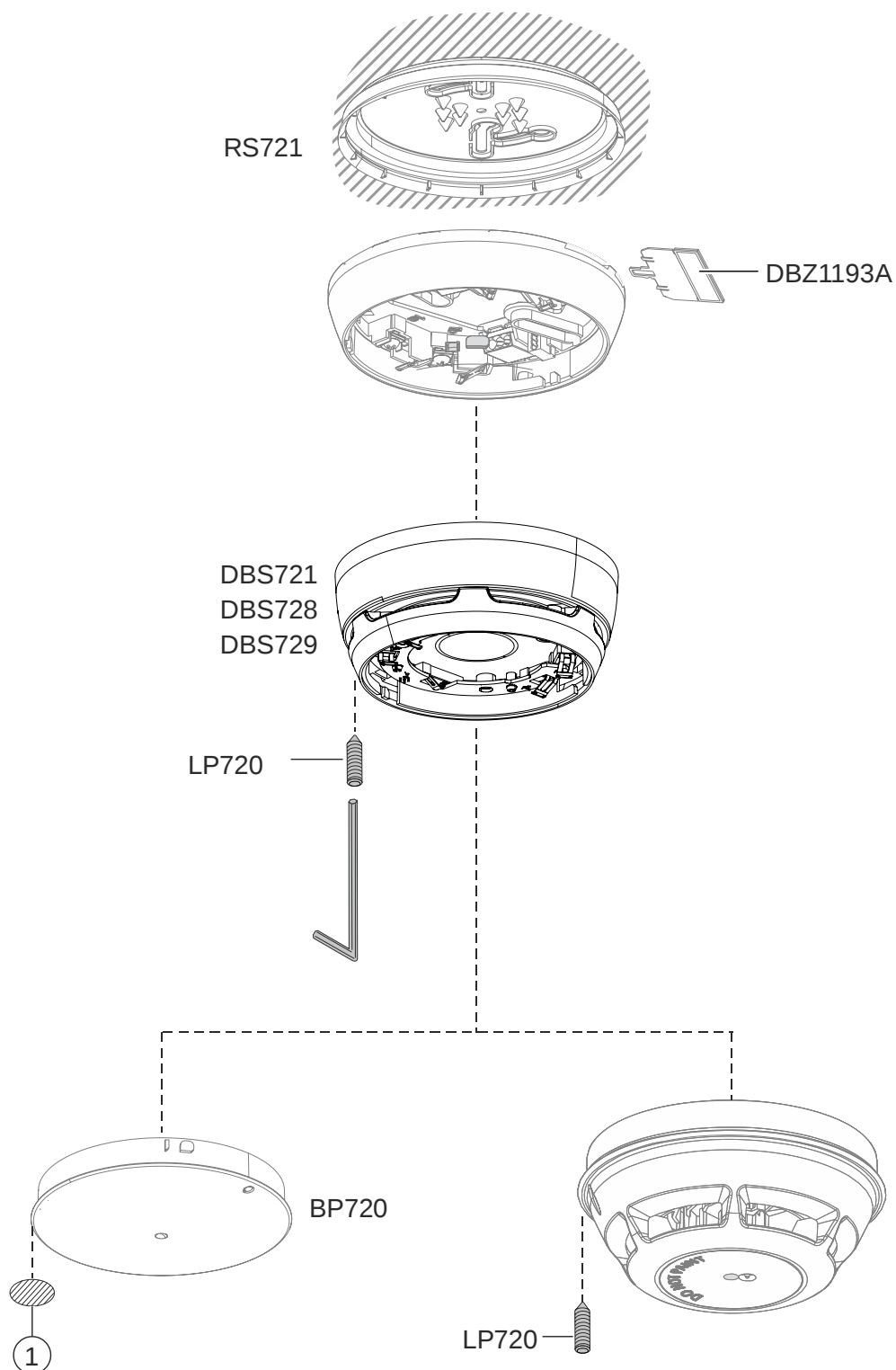
Document ID	Title
A6V10202198	Data sheet Automatic fire detectors OH720, OP720, HI720, HI722
A6V10229261	List of compatibility (for 'Cerberus™ PRO' product line)
A6V10284161	Data sheet Automatic fire detectors OOH740, OOHC740
A6V10320094	Technical manual Sounder interbase DBS721, Sounder beacon interbase 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 μ A
• 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 DBS728: 13 2 alarm levels 2 sound levels (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: light/high C-3-5 dark/low O-1.5-2.4 (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 (not available with all control panels)
Communication protocol	C-NET
System compatibility C-NET	FS720, FC360
Color	~RAL9010 pure white / translucent

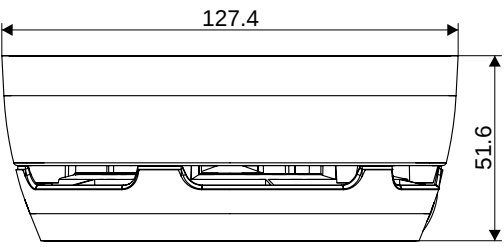
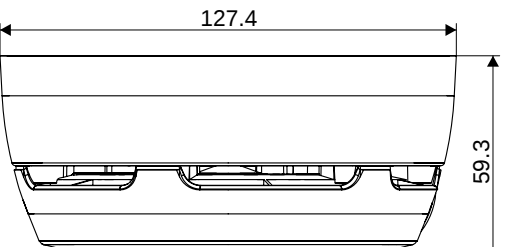
Line connections	
Conductor cross-section on detector base	0.2...1.5 mm ²

Ambient conditions and protection category	
Protection category (IEC 60529) with interbase seal RS721:	- IP21C (with point detector) - 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 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		0786	DBS721	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug 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		0786	DBS728	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug 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		0786	DBS729	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug 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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