

Cerberus™ PRO/ Sinteso™

## Alarm indicators

FDAI91, FDAI92, FDAI93



### Alarm indicators for optical repeat signals for automatic fire detectors

- Alarm indicators FDAI91 / FDAI92
  - Modern, flat design
  - Screwless connection terminals
- Alarm indicator FDAI93
  - Simple plug-in assembly with expanding-spring fastening

## Properties

### Features

- Enable the rapid identification of alarm-transmitting detectors which are not immediately visible or are difficult to access
- Contain a light element with one or two LEDs

### Eco-friendly

- Environmentally friendly processing
- Reusable materials
- Electronic parts and synthetic materials can be easily separated

## Use

### Alarm indicators FDAI91, FDAI92

- Alarm indicator is mounted on a door frame or wall.

### Alarm indicator FDAI93

- Alarm indicator is mounted in a door frame, switchboard, false ceiling or special housing.

## Accessories for FDAI92

### Additional frame AI330



- For surface-mounted cable entry or duct entries
- To increase the loop space
- As an adapter for sockets of different origins

## Accessories for FDAI93

### Indicator housing DJZ1193



- For mounting in wet rooms
- Includes a hole for installing alarm indicator FDAI93

### Housing DCA1191



- For mounting in wet rooms
- Installation of a maximum of four alarm indicators FDAI93
- Holes with a diameter of 22.5 mm must be drilled by the customer so the alarm indicators can be mounted

## Functions

LEDs light up as soon as the relevant fire detector triggers an alarm.

## Type Overview

| Type   | Designation                   | Order number | Weight [kg] |
|--------|-------------------------------|--------------|-------------|
| FDAI91 | Alarm indicator, door frame   | S54370-F9-A1 | 0.020       |
| FDAI92 | Alarm indicator, wall version | S54370-F3-A1 | 0.050       |

### Accessories

|       |                          |                |       |
|-------|--------------------------|----------------|-------|
| AI330 | Adapter frame for FDAI92 | BPZ:3169430001 | 0.018 |
|-------|--------------------------|----------------|-------|

| Type   | Designation                                            | Order number | Weight [kg] |
|--------|--------------------------------------------------------|--------------|-------------|
| FDAI93 | Alarm indicator incl. insulating cap, built-in version | S54370-F5-A1 | 0.010       |

### Accessories

|         |                              |                |       |
|---------|------------------------------|----------------|-------|
| DCA1191 | Housing with cover           | BPZ:4588560001 | 0.284 |
| DJZ1193 | Indicator housing incl. seal | BPZ:5302950001 | 0.115 |
| –       | Washer                       | BPZ:2473130001 | 0.001 |
| –       | Insulating cap               | BPZ:3048160001 | 0.005 |

## Product documentation

| Document ID | Title                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 008164      | Equipment overview Sinteso™ Detector system FD20                                                                                                      |
| 008331      | List of compatibility (for 'Sinteso™' product line)                                                                                                   |
| A6V10229261 | List of compatibility (for 'Cerberus™ PRO' product line)                                                                                              |
| A6V10257736 | Installation Alarm indicators, adapter frame, surface-mounted housing, indicator housing incl. washer FDAI91, FDAI92, FDAI93, AI330, DCA1191, DJZ1193 |

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

<https://siemens.com/bt/download>

## Mounting

### Mounting of FDAI91, FDAI92

Mount the alarm indicator with two screws.

- FDAI91: directly on the door frame
- FDAI92: on the wall

### Mounting of FDAI93

- Installation in door frames, switchboards, false ceilings
  - Hole with a diameter of 22.5 mm must be drilled by the customer
  - For safety reasons, the socket must be provided with an insulating cap
- Installation in a housing for mounting in wet rooms
  - Hole with a diameter of 22.5 mm must be drilled by the customer for housing DCA1191
  - For safety reasons, the socket must be provided with an insulating cap

## Disposal



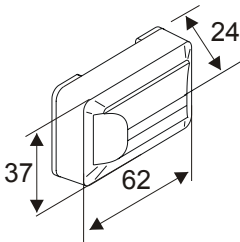
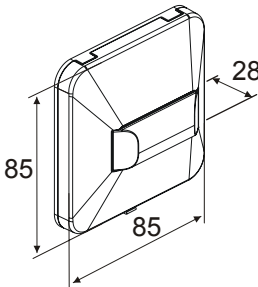
The device is considered an electronic device for disposal in accordance with the European Guidelines and may not be disposed of as domestic garbage.

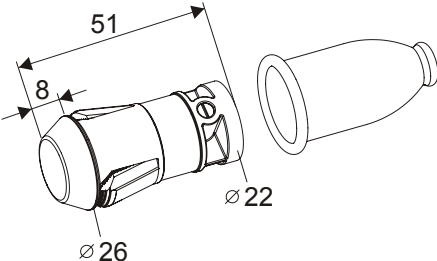
- Dispose of the device through channels provided for this purpose.
- Comply with all local and currently applicable laws and regulations.

## Technical data

|                                                                                                | FDAI91 / FDAI92          | FDAI93                                         |
|------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------|
| Operating voltage                                                                              | DC 5...8 V               | DC 6...8 V                                     |
| Operating current (quiescent)                                                                  | Max. 35 mA               | Max. 35 mA                                     |
| Connection terminals                                                                           | Max. 1.5 mm <sup>2</sup> | Max. 1.5 mm <sup>2</sup>                       |
| Operating temperature                                                                          | -25...+80 °C             | -25...+80 °C                                   |
| Storage temperature                                                                            | -25...+80 °C             | -25...+80 °C                                   |
| Air humidity                                                                                   | ≤95 % rel.               | ≤95 % rel.                                     |
| Color                                                                                          | ~RAL 9010, pure white    | Transparent                                    |
| <ul style="list-style-type: none"> <li>• Housing DCA1191</li> <li>• Housing DJZ1193</li> </ul> | –<br>–                   | ~RAL 9010, pure white<br>~RAL 9010, pure white |
| Protection category (EN 60529)                                                                 | IP40                     | –                                              |
| <ul style="list-style-type: none"> <li>• Housing DCA1191</li> <li>• Housing DJZ1193</li> </ul> | –<br>–                   | IP56<br>IP65                                   |
| Approvals                                                                                      |                          |                                                |
| <ul style="list-style-type: none"> <li>• DNV GL (marine)</li> </ul>                            | MEDB00003UU              | –                                              |
| System compatibility                                                                           | FD20, FD720              |                                                |

## Dimensional drawings

| FDAI91                                                                            | FDAI92                                                                             |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |

| FDAI93 with insulating cap                                                         |
|------------------------------------------------------------------------------------|
|  |

|                                                                                                                                                                                                                                               |               |                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------|
| 09 <b>CE</b>                                                                                                                                                                                                                                  | <b>FDAI91</b> | Siemens Schweiz AG; Theilerstrasse 1a<br>CH-6300 Zug<br>Technical data: see doc. <b>A6V10257736</b> |
| FDAI91 - Alarm indicator for use in fire detection and fire alarm systems installed in buildings.                                                                                                                                             |               |                                                                                                     |
| 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN50581                                                                                                                                                                      |               |                                                                                                     |
| The declared conformity can be seen in the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center:<br>Tel. +49 89 9221-8000 or <a href="https://siemens.com/bt/download">https://siemens.com/bt/download</a> |               |                                                                                                     |
| DoC No.: CED-FDAI91                                                                                                                                                                                                                           |               |                                                                                                     |
| 09 <b>CE</b>                                                                                                                                                                                                                                  | <b>FDAI92</b> | Siemens Schweiz AG; Theilerstrasse 1a<br>CH-6300 Zug<br>Technical data: see doc. <b>A6V10257736</b> |
| FDAI92 - Alarm indicator for use in fire detection and fire alarm systems installed in buildings.                                                                                                                                             |               |                                                                                                     |
| 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN50581                                                                                                                                                                      |               |                                                                                                     |
| The declared conformity can be seen in the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center:<br>Tel. +49 89 9221-8000 or <a href="https://siemens.com/bt/download">https://siemens.com/bt/download</a> |               |                                                                                                     |
| DoC No.: CED-FDAI92                                                                                                                                                                                                                           |               |                                                                                                     |
| 09 <b>CE</b>                                                                                                                                                                                                                                  | <b>FDAI93</b> | Siemens Schweiz AG; Theilerstrasse 1a<br>CH-6300 Zug<br>Technical data: see doc. <b>A6V10257736</b> |
| FDAI93 - Alarm indicator for use in fire detection and fire alarm systems installed in buildings.                                                                                                                                             |               |                                                                                                     |
| 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581                                                                                                                                                                     |               |                                                                                                     |
| The declared conformity can be seen in the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center:<br>Tel. +49 89 9221-8000 or <a href="https://siemens.com/bt/download">https://siemens.com/bt/download</a> |               |                                                                                                     |
| DoC No.: CED-FDAI93                                                                                                                                                                                                                           |               |                                                                                                     |

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