



DJ1192-Ex / DJ1191-Ex / AJUT24-Ex

## Alarm indicators

For explosion-hazard areas for zones 1 and 2

AlgoRex  
Synova™  
Sinteso™  
Cerberus® PRO



- **DJ1191-Ex / DJ1192-Ex**
  - Modern flat design
  - Non-screw terminals
- **AJUT24-Ex**
  - Simple plug-in, expanding-spring socket

## Characteristics

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- Alarm indicators are connected to automatic fire detectors in order to indicate quickly the source of an alarm signal from detectors which are not easily accessible or visible.
- The alarm indicators contain an indicator lamp unit with two integrate LEDs. They light up as soon as the connected fire detector gives an alarm.
- Only **one** external alarm indicator may be connected to each detector.

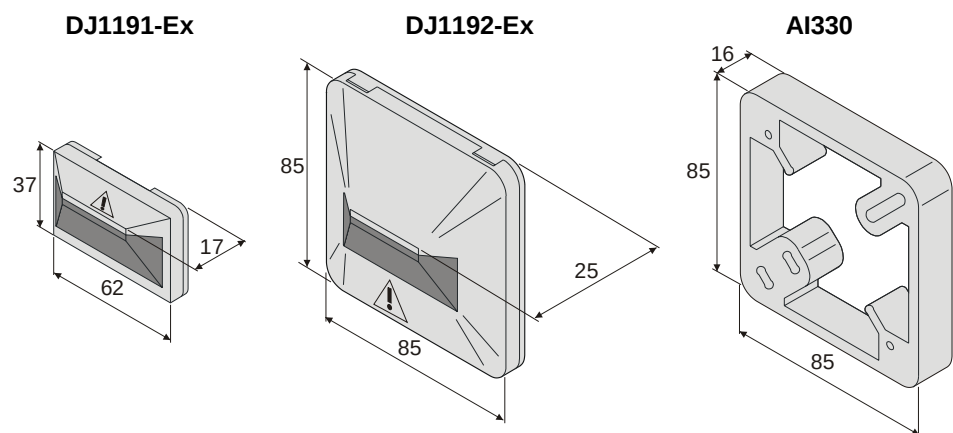
## Alarm indicators DJ1191-Ex / DJ1192-Ex

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- Alarm indicators are mounted with two screws either directly to a door frame (DJ1191-Ex), or on a wall (DJ1192-Ex).
- For the following applications the DJ1192-Ex can be completed with AI330 adapter frame:
  - for surface laid conduit or ducts
  - to increase the loop space
  - as an adapter for different makes of box

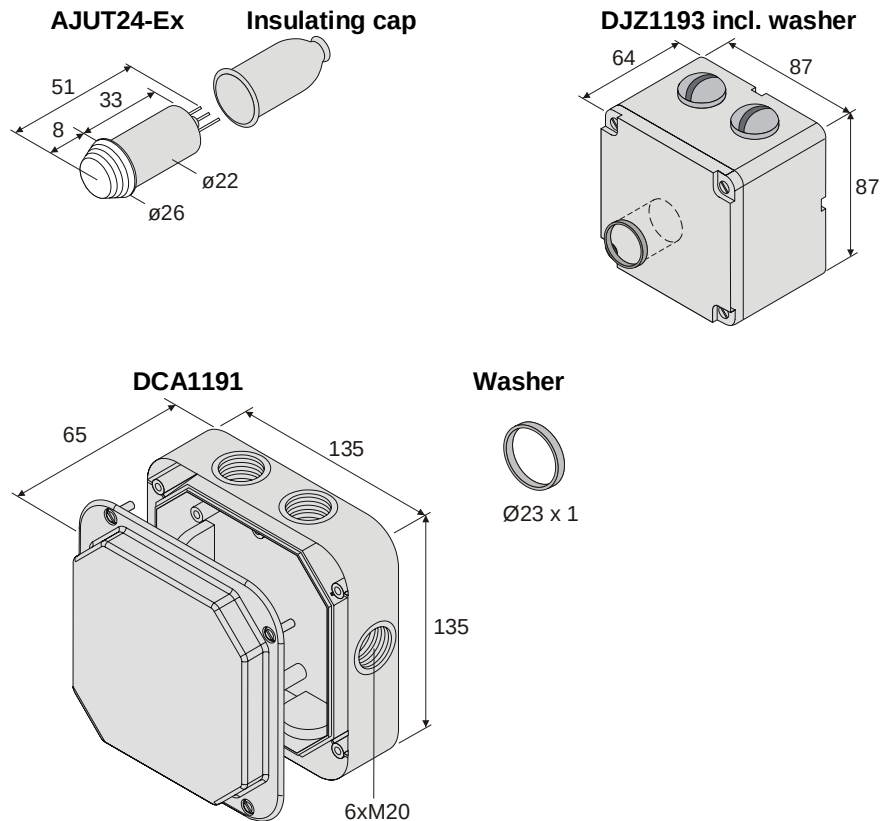
## Dimensions

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## Alarm indicator AJUT24-Ex

- Made of transparent plastic, the AJUT24-Ex alarm indicator is suitable for installation in door frames, switching panels, ceiling voids or special housings. The 23 mm Ø mounting hole is drilled by the system owner. The holder must be fitted with an insulating cap for safety.
- For installation in humid rooms the DJZ1193 and DCA1191 housings as well as a washer are available.
- The housing DJZ1193 has a hole for the mounting of one alarm indicator.
- Up to 4 alarm indicators can be built into the housing DCA1191. The 23 mm Ø mounting holes are drilled by the system owner.



## Technical data

|                                          | DJ1191-Ex / DJ1192-Ex                                                                     | AJUT24-Ex                 |
|------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------|
| Operating voltage                        | 4... 5 VDC                                                                                | 1.5 VDC                   |
| Operating current (continuous)           | max. 35 mA                                                                                | max. 20... 30 mA          |
| Connection terminals                     | max. 1.5 mm <sup>2</sup>                                                                  | max. 1.5 mm <sup>2</sup>  |
| Ambient temperature                      | -25... +80 °C                                                                             | -25... +80 °C             |
| Humidity                                 | ≤95 % rel.                                                                                | ≤95 % rel.                |
| Protection category EN60529 / IEC529     | IP40                                                                                      |                           |
| – with DJZ1193                           | –                                                                                         | IP65                      |
| – with DCA1191                           | –                                                                                         | IP56                      |
| Color                                    | white, ~RAL 9010                                                                          | transparent plastic       |
| – housing DJZ1193                        |                                                                                           | white, ~RAL 9010          |
| – housing DCA1191                        |                                                                                           | white, ~RAL 9010          |
| Ex classification                        | Ex ib IIC T6 (Ta ≤ 55 °C)                                                                 | Ex ib IIC T6 (Ta ≤ 55 °C) |
| 'simple apparatus' acc. to EN50020 § 5.4 | Ex ib IIC T5 (Ta ≤ 70 °C)                                                                 | Ex ib IIC T5 (Ta ≤ 70 °C) |
| Approvals                                | EECS, ESTI                                                                                | EECS, ESTI, PTB           |
| QS Standards                             | Fire protection industry certified quality assurance system according to EN ISO 9001:2000 |                           |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------|
| 04                                                                                                                                                         | <b>DJ1191-Ex</b> | Siemens Switzerland Ltd; Gubelstrasse 22<br>CH-6301 Zug<br>Technical data: see doc. <b>001240</b> |
| DJ1191-Ex - Alarm indicator for use in fire detection and fire alarm systems installed in buildings.                                                                                                                                        |                  |                                                                                                   |
| 2004/108/EC (EMC): EN 50130-4 / EN 61000-6-3                                                                                                                                                                                                |                  |                                                                                                   |
| 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="http://siemens.com/bt/download">http://siemens.com/bt/download</a> |                  |                                                                                                   |
| DoC No.: CED-DJ1191-Ex                                                                                                                                                                                                                      |                  |                                                                                                   |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------|
| 04                                                                                                                                                       | <b>DJ1192-Ex</b> | Siemens Switzerland Ltd; Gubelstrasse 22<br>CH-6301 Zug<br>Technical data: see doc. <b>001240</b> |
| DJ1192-Ex - Alarm indicator for use in fire detection and fire alarm systems installed in buildings.                                                                                                                                        |                  |                                                                                                   |
| 2004/108/EC (EMC): EN 50130-4 / EN 61000-6-3                                                                                                                                                                                                |                  |                                                                                                   |
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| DoC No.: CED-DJ1192-Ex                                                                                                                                                                                                                      |                  |                                                                                                   |

## Details for ordering

|                           | Type      | Part no        | Designation                                            | Weight   |
|---------------------------|-----------|----------------|--------------------------------------------------------|----------|
| Accessory                 | DJ1191-Ex | BPZ:4783440001 | Alarm indicator, door frame version                    | 0.020 kg |
|                           | DJ1192-Ex | BPZ:4783570001 | Alarm indicator, wall version                          | 0.050 kg |
|                           | AI330     | BPZ:3169430001 | Adapter frame                                          | 0.020 kg |
| Spare part<br>Accessories | AJUT24-Ex | BPZ:2785440001 | Alarm indicator incl. insulating cap, built in version | 0.010 kg |
|                           | –         | BPZ:3048160001 | Insulating cap                                         | 0.005 kg |
|                           | DJZ1193   | BPZ:5302950001 | Indicator housing, incl. washer                        | 0.115 kg |
|                           | DCA1191   | BPZ:4588560001 | Housing with cover                                     | 0.265 kg |
|                           | –         | BPZ:2473130001 | Washer                                                 | 0.001 kg |

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