SIEMENS

FDCAI221

Addressable alarm indicator

addressable (FDnet/C-Net)

Sinteso™
Cerberus® PRO

CE
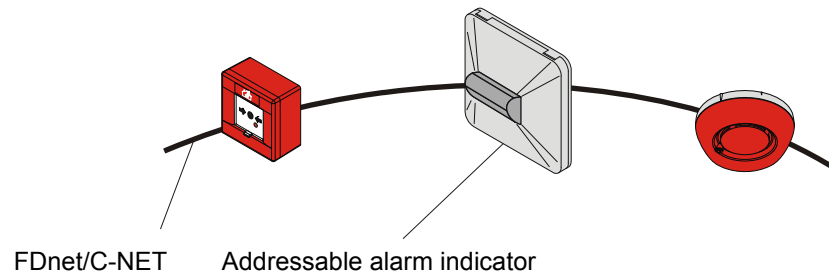
- Addressable external alarm indicator
- Indication of detectors in alarm in ceiling voids etc.
- Free programmable
- Communication via FDnet/C-Net (individual addressing)
- Modern flat design
- Non screw terminals

Building Technologies

CPS Fire Safety

- ● **Environmental**
- – ecologically processing
- – recyclable materials
- – electronic and synthetic materials easily separable

- ● **Characteristics**
- – Visible programmable indicator
- – integrated short-circuit isolator
- – Takes a single FDnet/C-NET address
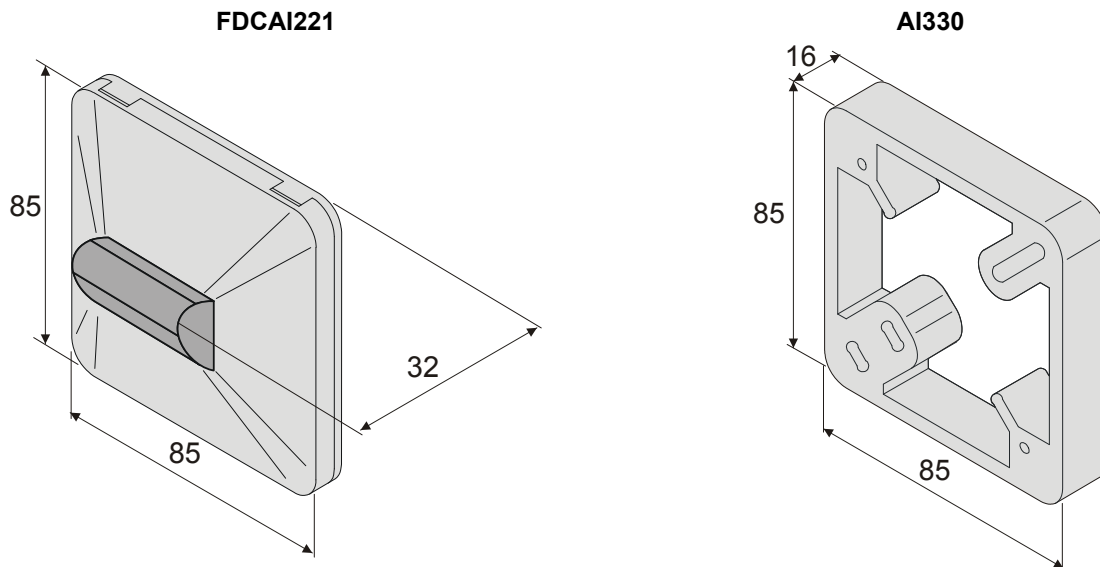
Addressable alarm indicator

- ● **Function**
- – The FDCAI221 Alarm indicator is connected to the loop and can be programmed to indicate quickly the source of an alarm signal from detectors which are not easily accessible or visible.
- – Addressing and control takes place via the control panel. The alarm indicator is switched as if it were a detector in the detector line.
- – The alarm indicator has 2x2 connectors for the detector line.
- – The alarm indicator contains indicator lamps (LEDs). They light up as soon as the connected fire detector gives an alarm.

- ● **Application**
- – Indication of the alarm from detectors hidden from view. E.g. Ceiling voids, offices, store rooms etc.
- – For application in dry areas
- – Corridor indication of rooms covered by radio devices or over the door of monitored rooms
- – Easier migration of existing MS8 detector systems to FDnet/C-NET

FDnet/C-NET   Addressable alarm indicator

Installation

- Alarm indicators can mounted with two screws directly to a wall.
- For the following applications the FDCAI221 can be completed with an AI330 adapter frame:
  - for surface laid conduit or ducts
  - to increase the loop space
  - as an adapter for different makes of box

Dimensions

FDCAI221

85

85

32

AI330

16

85

85

Technical data

Operating voltage	DC 12... 33 V
Operating current (quiescent)	240… 400µA
Operating temperature	-10 ... +55 °C
Storage temperature	-30 ... +70 °C
Humidity	≤95 % rel
Communication protocol	FDnet/C-NET
Color	white, ~RAL 9010
Protection category	IP40
Standards	EN54-17, EN54-18
Approvals	
– VdS	G210015
QS standard	Siemens Standard SN 36350
System compatibility	
– FDnet	FS20, AlgoRex, SIGMASYS
– C-NET	FS720

CE 0786

Siemens Schweiz AG, CH-6301 Zug
Date: see manufacturing date on the product
0786-CPD-20937

EN54-17:2005, EN54-18:2005
Alarm indicator; Safety in case of fire
FDCAI221
Technical data see Doc. A6V10258110

Details for ordering

Type	Part no	Designation	Weight
FDCAI221	S54370-F10-A1	Addressable alarm indicator	0.0493 kg