SIEMENS

FDCI723

Cerberus™ PRO

Zone module, external powered

Addresses C-NET

CE

- ● **Detector line (collective or conventional 110 series, DS11, SynoLINE300/600)**
- ● **LED indicator for detector line status: fault, test, etc.**
- ● **Two-wire installation for all cable types**
- ● **DC 24 V power supply, external, tested to EN 54-4 (detector lines electrically isolated)**
- ● **Microprocessor-controlled signal processing**
- ● **Communication via C-NET (addressed individually)**
- ● **Can be used in dry, dusty, and humid areas**
- ● **Different mounting options**

Building Technologies

Control Products and Systems

Properties

● **Eco-friendly**
– Environmentally friendly processing
– Reusable materials
– Electronic parts and synthetic materials can be easily separated

● **Features**
– Transparent housing, ensuring that LED indicators are easy to see
– Protected electronics
– Integrated line separator
– Easy mounting using snap fastener
– Can be used in dry areas
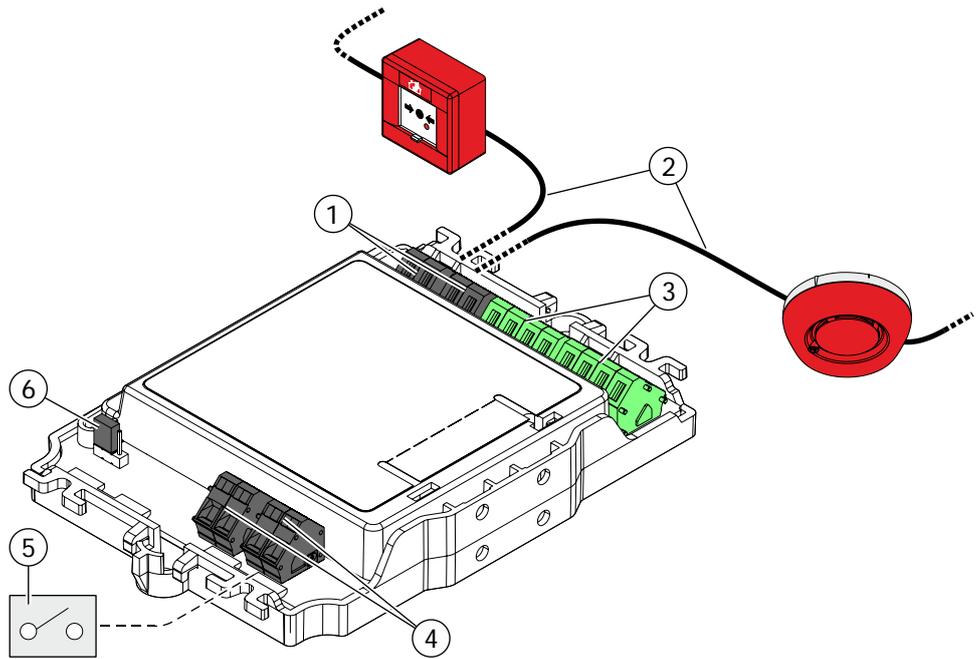– Housing FDCH221 can be used in dusty and humid environments.

FDCI723 zone module

● **Function**
– The detector line parameters can be set for:
  – Collective detector line 110 series, DS11, SynoLINE600
    or
  – Conventional detector line SynoLINE300
    or
  – Collective detector line DS11, Ex with safety barrier SB3
– Detector line is monitored for:
  – Quiet, alarm, open line, short-circuit, fault, and ground fault
– Status indicator by means of LED

● **Use**
  For connecting to collective or conventional fire detectors
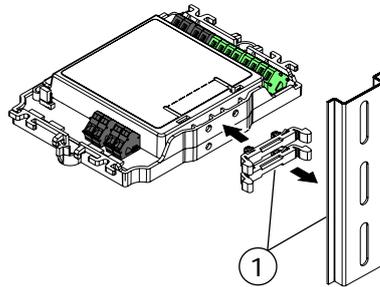 (with safety barrier SB3 for areas at risk of explosion)

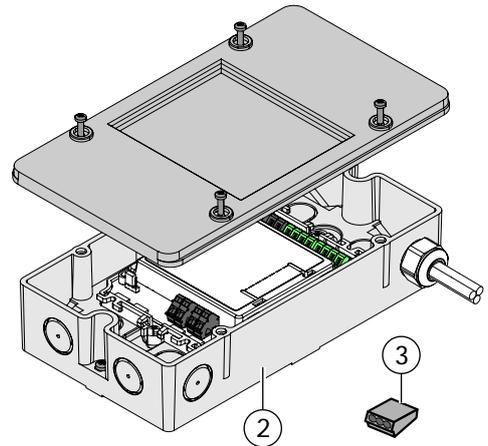|			
1	Connections for the C-NET detector line	4	Connections input detector line Max. 32 detectors per line
2	C-NET detector line	5	Contact input
3	External supply DC 24 V	6	Jumper for activation/deactivation of ground fault monitoring

❗	*NOTICE*
	Country-specific safety regulations
	Failure to observe country-specific safety regulations can cause injury to persons and damage to property.
	• Observe country-specific regulations and comply with the corresponding safety directives.

Installation

– Mounting (series mounting) on TS35 U-rail
– In housing FDCH221 (accessory) with cover, seal, and screws

1   Series mounting using mounting
    feet supplied, on
    TS35 U-rail

2   Mounting in separate housing FDCH221
    (accessory)

3   Use auxiliary terminals DBZ1190-AB
    (accessory) for shielded cables
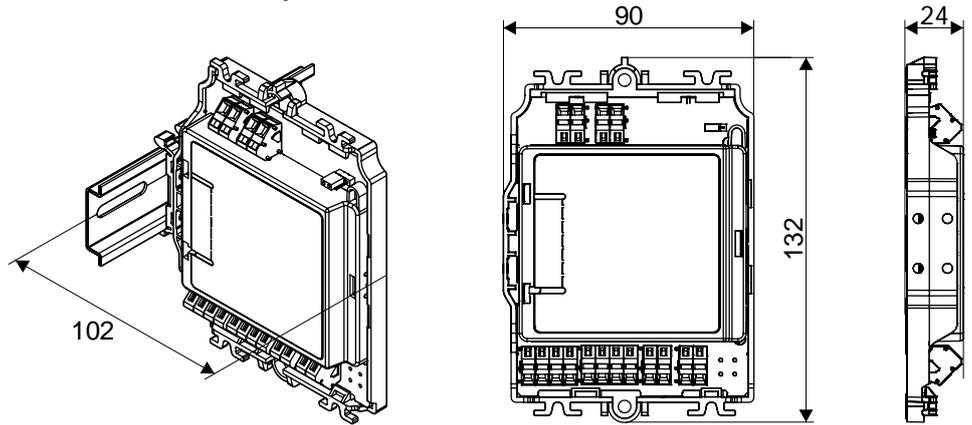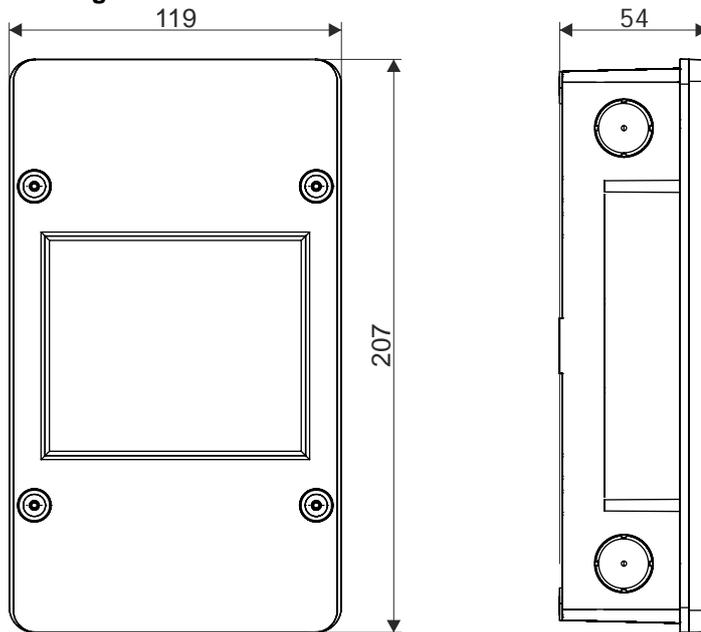
Disposal

	For disposal purposes, the device is considered as waste electrical and electronic equipment within the meaning of European Directive 2012/19/EU and may not be disposed of as household waste.
	• Use the appropriate channels for disposing of the device.
	• Local and currently valid legislation must be observed.

Dimensions

Zone module, external powered FDCI723

90

132

24

102

Housing FDCH221

119

207

54

Technical data

C-NET operating voltage	DC 12…33 V
External power supply	Tested to EN 54-4
– Operating voltage	DC 18…32 V
Collective detector line	
– Collective line code (KLK)	32
– End-of-line (EOL)	20 V voltage reference diode or EOL22 (Ex)
Operating temperature	-20…+55 °C
Storage temperature	-30…+70 °C
Air humidity	≤ 95 % rel.
Communication protocol	C-NET
Pluggable connection terminals	0.2…1.5 mm²
Color	
– Input/output module rack back box	~RAL 9010, pure white
– Cover cap, housing cover	Transparent
EN 60529/IEC 60529 protection category	IP30
– Without housing	IP65
– With housing FDCH221	
Standards	EN 54-17, EN 54-18
Approvals	
– VdS	G215004
– LPCB	–
Compatibility	See 'List of compatibility'

Details for ordering

	Type	Art. no.	Designation	Weight
Accessories	FDCI723	S54322-F6-A1	Zone module, external powered	0.106 kg
	FDCH221	S54312-F3-A1	Housing with cover, seal, and screws	0.282 kg
	–	A5Q00004478	M20 x 1.5 metal cable gland	0.036 kg
	–	A5Q00004479	M20 metal counter nut	0.006 kg
	DBZ1190-AB	BPZ:4942340001	1.0…2.5 mm^2 connection terminal (3-pin)	0.001 kg
Spare part	FDCM291	A5Q00003855	Mounting foot	0.001 kg

You will find additional information in the following documents:

– Equipment overview for Cerberus devices, doc no. A6V10225323
– Compatibility of collective devices, 'List of compatibility', doc. no. A6V10229261
– Technical manual for zone module FDCI723, doc. no. A6V10414910
– Fire alarm signal in areas at risk of explosion
  Principles, applications, mounting, servicing , doc no. 001204

15 $C \in$ 0786	**FDCI723**	Siemens Switzerland Ltd, Gubelstrasse 22 CH-6301 Zug Technical data: see doc. **A6V10414910**
FDCI723 - Input/output device incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings.		
305/2011/EU (CPR): EN 54-17 / EN 54-18 ; 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 http://siemens.com/bt/download		
DoP No.: 0786-CPR-21423; DoC No.: CED-FDCI723		