

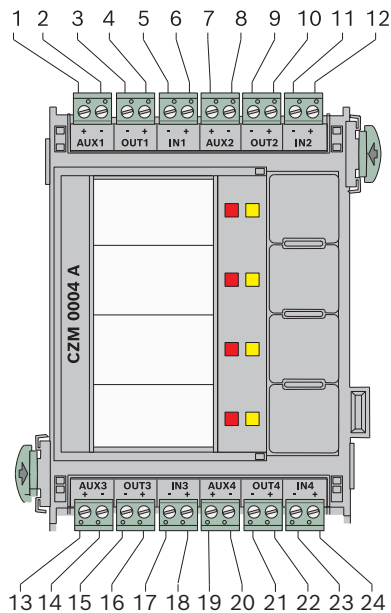
## CZM 0004 A Conventional zone module



The CZM 0004 A is used to connect conventional peripheral devices and provides four monitored conventional zones.

- ▶ Connection of 2-wire and 4-wire conventional elements
- ▶ Plug-and-play technology and pluggable terminal blocks

### System overview



Position	Terminal	Description
1 / 2	AUX1 + / -	Auxiliary output zone 1
3 / 4	OUT1 - / +	Zone 1 output low/output high
5 / 6	IN1 - / +	Zone 1 input low/input high
7 / 8	AUX2 + / -	Auxiliary output zone 2

Position	Terminal	Description
9 / 10	OUT2 - / +	Zone 2 output low/output high
11 / 12	IN2 - / +	Zone 2 input low/input high
13 / 14	AUX3 + / -	Auxiliary output zone 3
15 / 16	OUT3 - / +	Zone 3 output low/output high
17 / 18	IN3 - / +	Zone 3 input low/input high
19 / 20	AUX4 + / -	Auxiliary output zone 4
21 / 22	OUT4 - / +	Zone 4 output low/output high
23 / 24	IN4 - / +	Zone 4 input low/input high

### Installation/configuration notes

- Auxiliary outputs (AUX 1-AUX 4) can be switched on and off simultaneously.
- 2-wire and 4-wire conventional components can be connected.
- Country-specific standards and guidelines must be considered during planning.
- For operation of the fire detection system according to VdS 2540, it is necessary to terminate each conventional zone with an end-of-line module. AUX outputs are not suitable for the operation according to VdS 2540.
- Observe the maximum line resistance (see technical specifications).
- All zone wiring (OUT1 - OUT4) must be shielded.

### Parts included

Quantity	Component
1	CZM 0004 A 4 Zone Conventional Module
4	3.92 kOhm resistors

### Technical specifications



#### Notice

Auxiliary outputs (AUX1 - AUX4) are protected by one common fuse, not separately.



#### Notice

Auxiliary outputs (AUX1 - AUX4) do not support ELS.

### Electrical

Max. current consumption	
Standby (all 4 zones)	65 mA (at 24 V DC)
Alarm (all 4 zones)	65 mA + 100 mA per zone
<b>Zone outputs OUT1- OUT4</b>	
Output voltage (standby)	19 V DC - 21 V DC
Output current limitation	90 mA ± 10%
Power Source (EN62368-1)	PS1
Electrical Source (EN 62368-1)	ES1
Max. line resistance	
- for conventional lines with FMC-300-RW or automatic fire detectors	2 x 25 Ω per zone
- for conventional lines with FMC-120-DKM manual call points	2 x 12 Ω per zone
<b>Auxiliary outputs AUX1 - AUX4</b>	

Output voltage	19 V DC - 30 V DC
Max. output current (all 4 outputs in total)	230 mA
Power Source (EN62368-1)	PS1
Electrical Source (EN 62368-1)	ES1

### Mechanical

Color	RAL7016, Anthracite
Material	Acrylnitril-Butadien-Styrol-Copolymer (ABS)
Dimension (H x W x D) (mm)	127 mm x 96 mm x 60 mm
Weight (g)	268 g

### Environmental

Storage temperature (°C)	-20 °C – 60 °C
--------------------------	----------------

### Ordering information

#### CZM 0004 A Conventional zone module

for connecting conventional peripherals; provides four monitored conventional zones

Order number **CZM 0004 A | 4.998.137.270**

#### Represented by:

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: +31 40 2577 284  
[www.boschsecurity.com/xc/en/contact/](http://www.boschsecurity.com/xc/en/contact/)  
[www.boschsecurity.com](http://www.boschsecurity.com)

**Germany:**  
Bosch Sicherheitssysteme GmbH  
Robert-Bosch-Ring 5  
85630 Grasbrunn  
Tel.: +49 (0)89 6290 0  
Fax: +49 (0)89 6290 1020  
[de.securitysystems@bosch.com](mailto:de.securitysystems@bosch.com)  
[www.boschsecurity.com](http://www.boschsecurity.com)

**North America:**  
Bosch Security Systems, LLC  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
[onlinehelp@us.bosch.com](mailto:onlinehelp@us.bosch.com)  
[www.boschsecurity.com](http://www.boschsecurity.com)

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
[www.boschsecurity.com/xc/en/contact/](http://www.boschsecurity.com/xc/en/contact/)  
[www.boschsecurity.com](http://www.boschsecurity.com)