



SYSTEM CONTROLLER

SC-1

Technical Data Sheet

Description

This device is designed to monitor and control segments of addressable fire alarm systems, fire extinguishing, smoke removal and notification systems, as well as auxiliary engineering and technological equipment involved in ensuring fire safety. It is used with CP-1 receiving and control device (Control Panel).

Key Features



PLC



Easy system setup

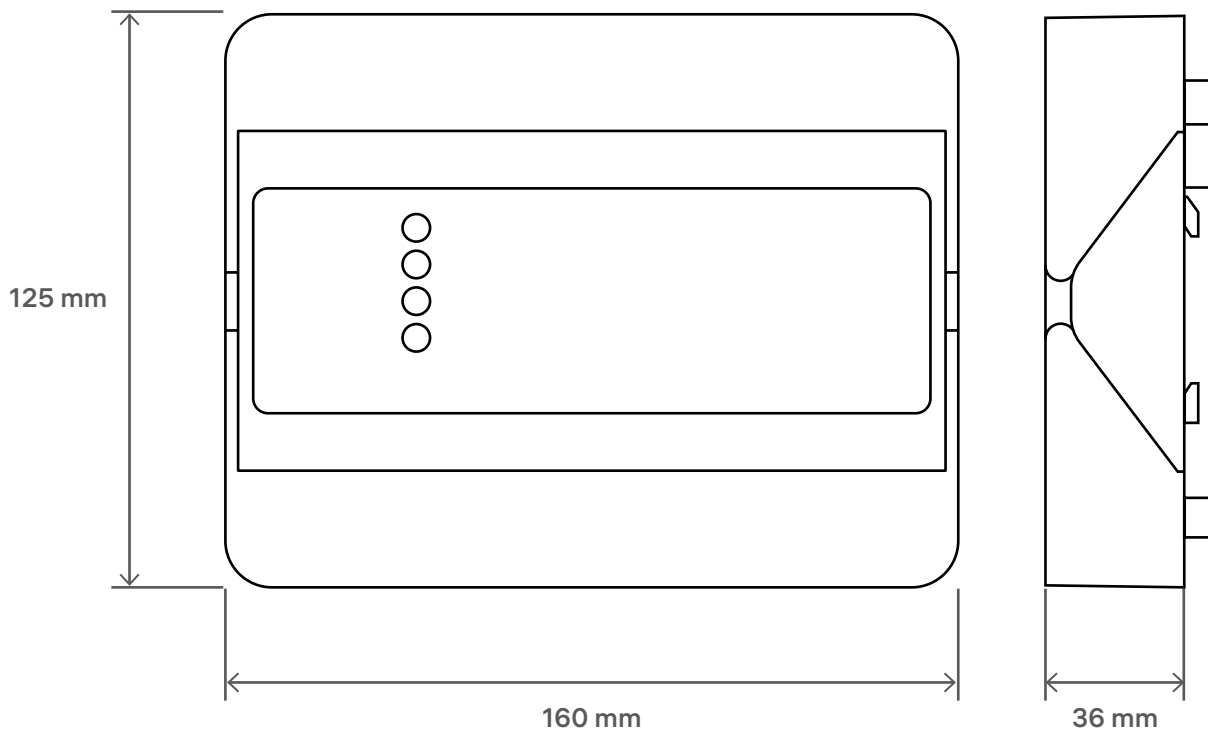


250 addressable devices

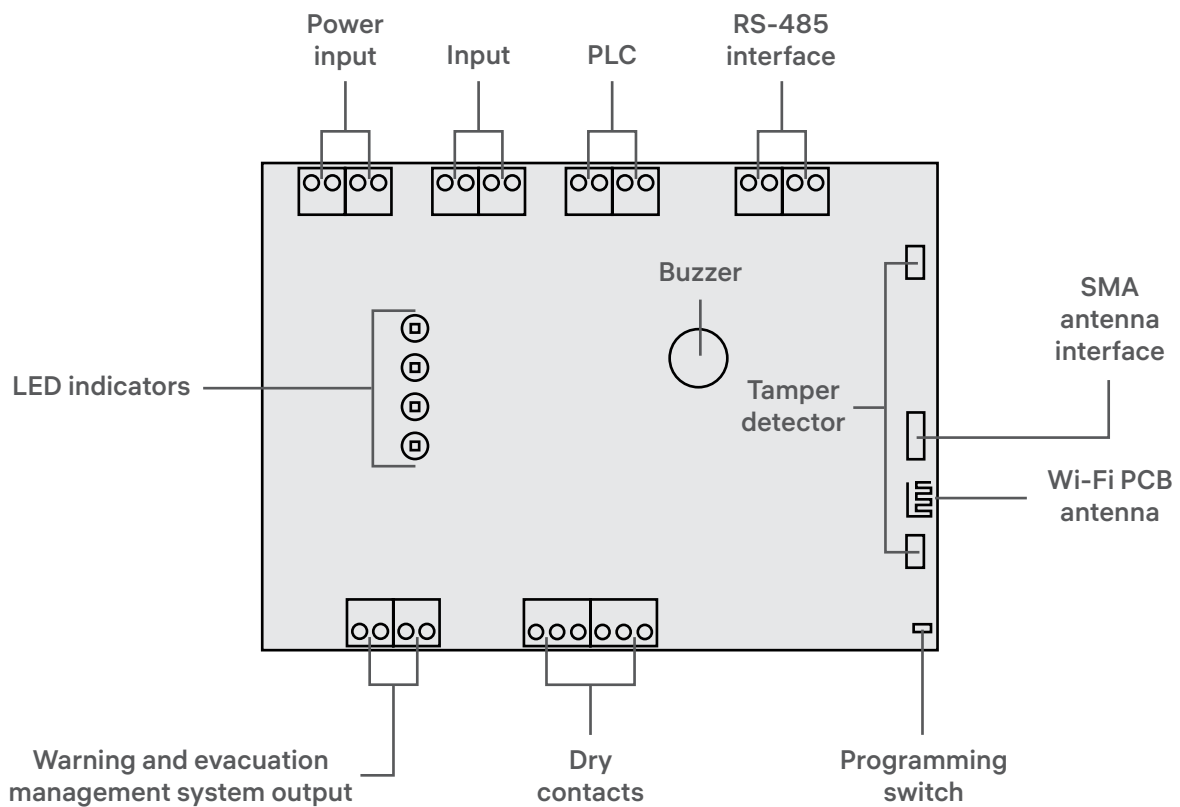


LED indication

Dimensions



Basic Layout



Specifications

General Parameters

| | |
|--|---|
| Supply voltage, V | main: DC 24 ± 20% standby: DC 24 ± 20% |
| Own consumption current, A, not more than | 0,15 |
| Communication interface | RS - 485, PLC, Wi-Fi |
| Number of RS-485 interfaces, pcs | 2 |
| The maximum length of interface between RS-485 segments, m | 150 |
| Number of PLC interfaces, pcs | 2 |
| The maximum length of PLC interface, m | 1200 |
| The maximum load current of the PLC for each channel, A | 0,4 |
| The number of addressable devices connected to controller via PLC interface, pcs | not more than 250 |
| Number of freely programmable inputs, pcs | 2 |
| Maximum voltage at the freely programmable input, V | 20 ± 5% |
| Maximum control current of the freely programmable input line, mA | 4,5 |
| Number of «Dry contact» controlled outputs, pcs | 2 |
| The maximum switching current at each «Dry contact» output, A | 2 |
| The number of outputs with line breakage and short circuit control, pcs | 2 |
| The maximum switching current of each output, A | 0,45 |
| Operating temperature, °C | from -10 to +55 |
| Operating relative humidity, non-condensing | up to 93% at +40°C |
| Case protection rating | IP30 |
| Dimensions, mm | 160 × 125 × 36 |
| Weight, kg | not more than 0.28 ± 5% |
| Average service life, years | 10 |
| Average time to failure, h | 60000 |
| Probability of trouble-free operation in 1000 hours | 0.98 |

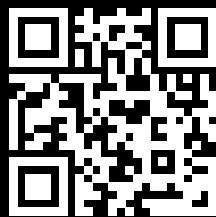
Package Contents

| | |
|------------------------|------|
| System Controller SC-1 | 1 pc |
|------------------------|------|

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|--------------|------|
| Mounting kit | 1 pc |
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| Technical certificate | 1 pc |
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|----------------------|------|
| Individual packaging | 1 pc |
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