CONTROL UNITS

FIRE ALARM CONTROL UNIT FAS

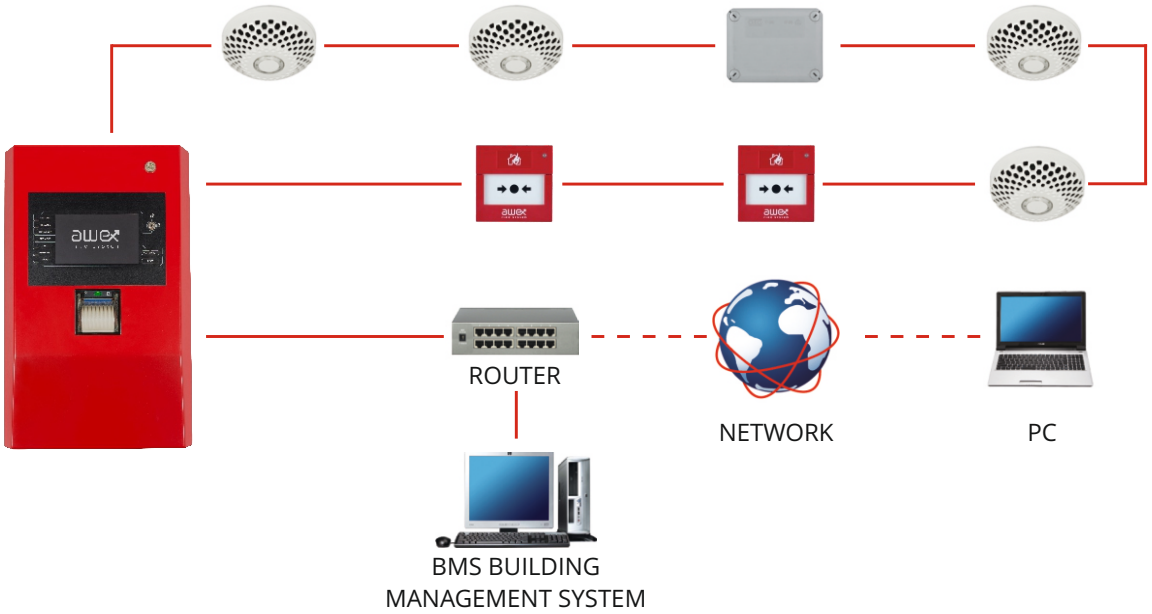
The control unit is manufactured in the module technique which makes it easy to expand and service. In the basic it has a user's panel, a control module with a detection loop, a power supply unit and a set of batteries. You can expand and adjust the control unit to your own need through installations and programming appropriate expansion cards.

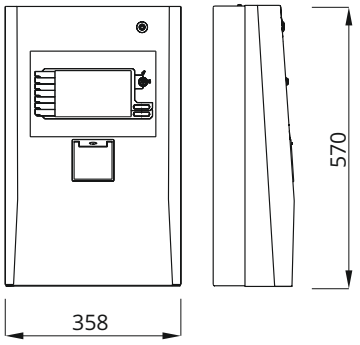
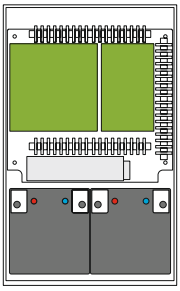
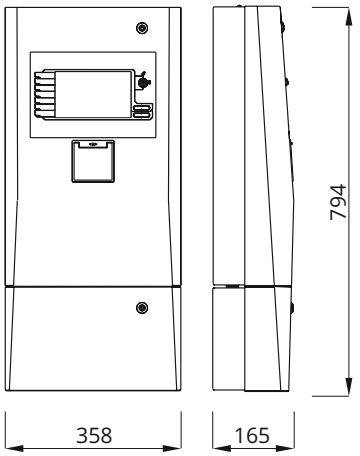
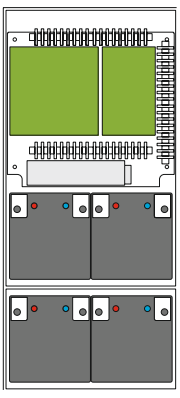
Characteristics of the control unit FAS

- **Up to 7 detection loops**
- **Up to 250 elements per a loop**
- **Up to 250 supervisory zones per a loop**
- **Outputs built-in**
  - **ATE**
  - **Signal lines**
  - **Fault**
  - **Universal relay**
- **Maximum loop length 2 km**
- **Loop interval detection**
- **Events counter up to 15,000**
- **Expansion cards**
- **Conformity with EN 54-2, EN 54-4 standard**
- **7-Inch touch screen**
- **Printer built-in**
- **BACnet and WEB interface**

Optionally, the control units may be monitored through the TCP/IP protocol. Remote access to the system service is available through dedicated software or on the website.

Application of the RJ-45 connector and the IP technology allows to integrate the system and the building management systems (BMS), with the Safety management systems (SMS) and the visualisation systems (SMART VISIO).



CONTROL UNITS

TECHNICAL DATA	
Name	Fire alarm control unit FAS
Type	Addressable
Supply voltage	170-260 V AC 50 Hz
Output power	24 V DC ± 25%
Batteries	26 Ah / 52 Ah
Wires cross-sections	2.5 mm² maximum
Detection loops wire cross-section	0,8 – 1,5 mm²
Length of detection loop	2 km
Types of detection circuit	detection loop, stub detection circuit, side stub detection circuit
Maximum number of detection loops	7
Maximum number of stub detection circuit	14
Maximum number of supervisory zones	250 per a loop
Maximum number on detection loop	250
Maximum number on stub detection circuit	32
Number of signal lines outputs	2
Alarming variants	16
Universal inputs	8 maximum
Universal relay outputs	9 maximum
Events counter	15000
Permissions levels	4 levels
Printer	Yes, optionally
LAN Input	Yes
Casing	Powder-coated steel, RAL 3000
IP rating	IP 30
Ambient temperature	from 10° C to 40° C