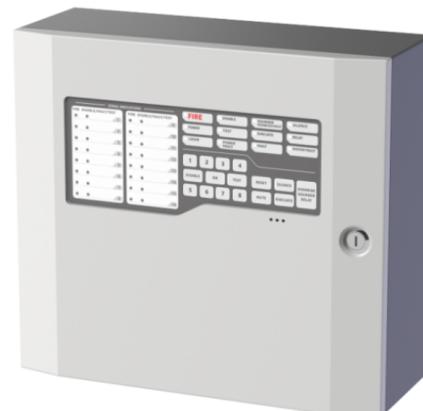


# CONVENTIONAL FIRE ALARM CONTROL PANEL SEC3016C



## Features

- Up to 16 Zones
- Walk test function
- Disablement facility for zones & sounders
- Space for up to 7Ah batteries
- Sounder delay option
- 4 sounder circuits
- Two sounder circuits can be configured as Aux 24V supplies
- Supports Repeater communication interface
- Meets all requirements of EN 54-2&4



## Description

The SEC3016C is a versatile fire alarm control panel fully compliant with EN54-2&4 standards. It supports flexible configurations of 2/4/8/12/16 zones, with each zone accommodating up to 32 detectors. Additionally, the controller offers four sounder alarm outputs, highlighting its robust load capacity. The enclosure is made of a combination of metal and high-strength flame-retardant ABS material, ensuring reliability and enhanced safety while minimizing secondary fire risks. Featuring a simplified two-wire connection design, the SEC3016C significantly reduces wiring complexity, making it ideal for small to medium-sized applications.

Technical Specifications	
Mains supply	110/230V AC (-15%, +10%), 50Hz/ 60Hz
Mains supply fuse	T3.15A250V
Power supply rating	26.5V~28.5V±0.5V DC
Recommended mains cable	Standard/black mains cable, cable size 0.75mm <sup>2</sup>
Power rating	I <sub>min</sub> =0.1A, I <sub>max.a</sub> =0.15A; I <sub>max.b</sub> =0.75A
Battery charge current	0.4A Max.
Battery capacity, type and recommended	7Ah VRLA, NP7-12 (Yuasa)

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Max. internal resistance of the battery	1.5Ω
Battery fuse	3A
Quiescent current	≤ 0.1A
Number of Zones	2/4/8/12/16
Zone Capacity	Max. 32 devices per Zone
Zone Voltage	20V~28V DC
Zone alarm current threshold	15mA
Trigger resistor (Switching output type detector and call point)	750 Ohms to 150 Ohms (Nominal 470 Ohms)
Zone End of Line	1N4007 Diode
Sounder Alarm Output	4 x 150mA@24V DC
Sounder End of Line	10K resistor, 1Watt
Fire relay	1 x Volt Free Relay, 2A @30V DC Max.
Fault relay	1 x Volt Free Relay, 2A @30V DC Max.
Construction	1.0mm mild sheet steel
Flame retardant	V2
IP Rating	IP30
<b>Physical dimensions</b>	
Size(W×H×D)	380 x 340 x105mm
Approx. weight (without battery)	5Kg
<b>Operating conditions</b>	
Temperature range: -10°C~ +55°C; Max relative humidity: 95% (40°C ± 2°C, no condensation)	

## Product Dimensions

