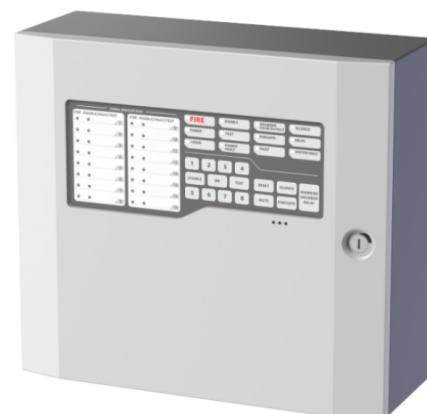


CONVENTIONAL FIRE ALARM CONTROL PANEL SEC3016C



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 ²
Power rating	Imin=0.1A, Imax.a=0.15A; Imax.b=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	≤120 Ohms
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
Physical dimensions	
Size(W×H×D)	380 x 340 x105mm
Approx. weight (without battery)	5Kg
Operating conditions	
Temperature range: -10°C~ +55°C; Max relative humidity: 95% (40°C ± 2°C, no condensation)	

Product Dimensions

