

Conventional Fire Alarm Panel



- 8 Fixed zones, expandable up to 16 zones
- Up to 20 (32 SensoMag Series) fire detectors per zone
- Unlimited number of call points per fire zone

MAG8Plus is a conventional fire detection and indication panel certificated by EN54-2/4. The panel has 8 fixed and is expanded up to 16 zones with fire detectors and call points. MAG8Plus is based on a modular principle - a power unit, a control panel, zone/sounder expanders, an indication module and battery space. A detailed LED indication shows the status of the system, divided in two groups - for technician level and for monitor and observer level. An appropriate mode for zone detector testing by a single person has been implemented - One Man Test. All zones and sirens within the system can be eliminated (Bypass). Control and indications can be doubled at a remote site up to 1000 meters away with the help of a repeater. Relay outputs, associated with each system zone, can also be added to the system with the help of additional MR8 modules. The panel have been designed to operate with one 12V/18Ah battery back-up power, which reduces the costs by the value of one battery per system. The MAG8Plus is suitable for vast range of applications - big office buildings, schools, supermarkets and other with over 3000m².

Features

- 8 Fixed zones, expandable up to 16 zones
- Up to 20 (32 SensoMag Series) fire detectors per zone
- Different language versions for the front panel
- Unlimited number of call points per fire zone
- Plastic box

Technical Specifications

| | |
|--|------------------------|
| Main Power Supply | ~230VAC ± 10% |
| Frequency | 50/ 60Hz |
| Back-up Power Supply | 1 battery, 12V/ 18Ah |
| Consumption - normal operation: | |
| • Power supply (230V) and charged battery (12V), 4 zones/ | 2.1VA |
| • Power supply (230V) and charged battery (12V), 16 zones/ | 4.2VA |
| • Charged battery (12V) and no power supply, 4 zones/ | 130mA |
| • Charged battery (12V) and no power supply, 16 zones/ | 260mA |
| Consumption from the battery in Fire Alarm mode: | |
| • 4 zones connected, fire alarm in one of the zones | 330mA |
| • 4 zones connected, fire alarm in all of the zones | 720mA |
| Outputs (sounder circuits on the control PCB module) | 4; 24V/ 0.3A fuse |
| Output, FAULT Relay | 1; 12V/1A or 24V/0.5A; |
| Output, FIRE Relay | 1; 12V/1A or 24V/0.5A |
| Relative humidity resistance | (93 ± 3)% @ 40°C |
| Weight (without battery) | |
| Dimensions: | |
| • Metal bottom | 441x331x80mm |

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