

Model: SMX

Addressable Fire Alarm Control Panel



The SMX model is designed keeping in mind the needs of today's performance conscious establishments. It is a range of compact and feature-rich, modern-age panels that constitute together with a suite of intelligent devices, highly reliable fire alarm systems.

The SMX panels meet the requirements of the latest codes and standards and allow for quick and easy installation. Just fix the panel to the wall, connect the field wiring devices, and power up the panel for a working fire alarm system. The large touch display allows the panel to be programmed easily by providing a clear menu structure, making the entire setup process extremely intuitive. Complex configuration is made easy by using the mobile app and the Bluetooth dongle connectivity.



USER INTERFACE

Display: 5-inch multi-color touch display

Control Keys: Silence Buzzer, Silence/Resound Alarm, Reset

Indicators: Power, Alarm Silenced, Trouble, System Trouble, Disabled, Test, Supervisory, Delay

DEVICES AND LOOP CAPACITY

Supports Morley IAS UL detectors & modules

Loop Capacity: 500 mA per loop

SKU NO.	DESCRIPTION	NO. OF LOOPS	COLORS	DEVICES	DEVICES / LOOP	ADDRESS RANGE	DEVICES / PANEL
915-100-202	SMX 1 loop panel supporting up to 198 devices in a grey color metal enclosure	1	Grey	Sensors	Upto 159*	1 - 159*	Upto 159*
				Modules	Upto 99*	101-199*	Upto 99*
915-100-102-R	SMX 1 loop panel supporting up to 198 devices in a red color metal enclosure	1	Red	Sensors	Upto 159*	1 - 159*	Upto 159*
				Modules	Upto 99*	101-199*	Upto 99*
915-100-202	SMX 2 loop panel supporting up to 396 devices in a grey color metal enclosure	2	Grey	Sensors	Upto 159*	1 - 159*	Upto 318*
				Modules	Upto 99*	101-199*	Upto 198*
915-100-202-R	SMX 2 loop panel supporting up to 396 devices in a red color metal enclosure	2	Red	Sensors	Upto 159*	1 - 159*	Upto 318*
				Modules	Upto 99*	101-199*	Upto 198*
915-100-402	SMX 4 loop panel supporting up to 792 devices in a grey color metal enclosure	4	Grey	Sensors	Upto 159*	1 - 159*	Upto 636*
				Modules	Upto 99*	101-199*	Upto 396*
915-100-402-R	SMX 4 loop panel supporting up to 792 devices in a red color metal enclosure	4	Red	Sensors	Upto 159*	1 - 159*	Upto 636*
				Modules	Upto 99*	101-199*	Upto 396*

* The panel offers an adjustable mix of sensors and modules for it to adapt to specific site conditions while optimizing investments. The required mix can be chosen from the 'Devices Address Range' feature in panel configuration. For both single and multi-loop panels, the loop capacity remains to be 198 devices per loop and the address ranges for sensors and modules depend on the chosen configuration.

KEY FEATURES

- Multiple loop options – 1, 2, and 4 loops
- Up to 198 devices per full loop
- 160 fire zones
- 10,000 events log
- Multiple output and input interfaces for a fully integrated fire alarm solution
- Pluggable electrical connectors and ergonomic design for easy installation
- Large touch display for enhanced readability, context-awareness and easy navigation resulting in exemplified user experience
- Mobile and PC apps for guided configuration
- Ability to configure panels off-site and sync via USB pen drive or Honeywell Bluetooth
- Battery-backed, real-time clock(RTC)
- 32-bit dual-core microprocessor
- UL 864 10th Edition Certified

TECHNICAL SPECIFICATIONS

- 3 Output Relays with single pole changeover 24V DC 1 A: Fire Trouble & Programmable (Supervisory by default)
- 1 RS485 port for up to 2 repeaters or mimics or a combination of the two
- 1 RS232 port for serial printer
- 2 USB ports: One for pen drive and Honeywell Bluetooth dongle and one reserved for future use
- 2 NAC circuit with max 150 mA each
- 2 on-board monitored inputs

MECHANICAL	SPECIFICATIONS
DIMENSIONS (MM) (H X W X D)	531x451x178
WEIGHT (EXCLUDING BATTERIES)	9 kg (317 oz)
COLOUR	Grey & red
MOUNTING HOLES	5
KNOCKOUTS (20MM)	Top: 16; Bottom: 4; Side: 4; Back: 2
MOUNTING TYPE	Surface and Flush
OPERATING TEMPERATURE	0°C to +49°C
RELATIVE HUMIDITY	5% - 95% non-condensing
MATERIAL	Powder Coated Mild Steel.
IP RATING	30

ELECTRICAL	SPECIFICATIONS
OPERATING VOLTAGE	OPERATING VOLTAGE
PSU RATING	24V DC 6.5 A
STAND-BY BATTERIES	2 loop (915-100-102) - 2 x 12Ah 4 loop (615-000-202) - 2 x 18 Ah or 2 x 26 Ah (based on battery back-up calculations)
STAND-BY BATTERY DURATION	24 hours back-up under normal condition
AUXILLIARY OUTPUT	2 units of 24 V Dc 100 mA each
FIELD STRENGTH	52V/m for 5W test condition

Agency Listings and Approvals

Listing and approval below apply to the modules specified in this. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL Listing: S36216

For more information,

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