

Honeywell

MORLEY  **IAS**
FIRE SYSTEMS

ADVANCED & RELIABLE MORLEY LITE FIRE ALARM CONTROL PANELS



MORLEY LITE FIRE ALARM CONTROL PANEL



Honeywell Morley Lite is a Compact, High Performance, Feature enriched Fire Alarm Control Panel designed to meet the Fire Detection Addressability.

Honeywell Morley-Lite Fire Detection Control Panel series is ideally suited for Small to Medium Sized Buildings, Residential Complexes, Banks, Healthcare, Restaurants, Retail Stores etc. Morley Lite panels communicates via LiteSpeed™ protocol with Morley Lite detectors and devices.

Morley Lite Panel is built with Combination of quick installation, enhanced feature set and advanced programming which allows installer to meet demands of the end user with flexibility

in configuration. Equipped with configurable remote monitoring inputs, programmable relays, delay setting for alarm verification, software isolation of class B circuit and NAC outputs, mapping of NAC to specific class B circuits, password protections etc.

End users get clear visible indications, easy to operate functions to activate the control buttons, customizable class B circuit text via text inserts to meet building naming conventions. Reliable and trouble free system built as per latest safety standards of industry which ensures system is safe and protected. Internal memory lock feature to restrict changes to fire panel configuration by any intruder without key lock.

FEATURES

DISPLAY

16X 4 Char LCD Screen

CONTROL KEYS

Silence Buzzer, Silence/Resound Alarm, Reset, Evacuate, Accept delay

INDICATORS

Fault, NAC Fault, Earth Fault, Fire, Power, System Fault.



FEATURES



Earth Fault
Monitoring



CE
Certificate



Mechanical
Keylock



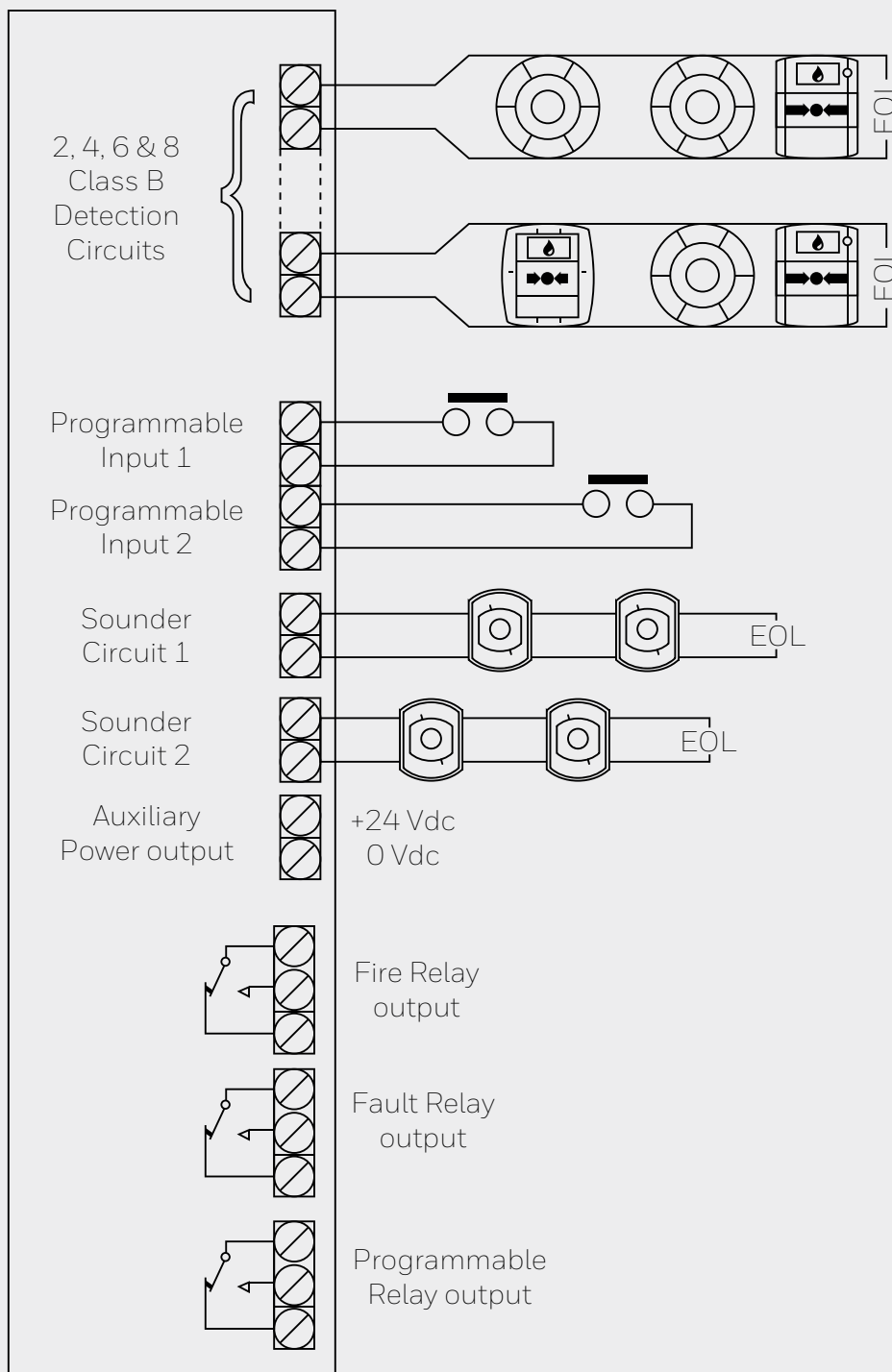
Event
Logging



Aux Output
Facility

- 16 X 4 LCD display, aesthetically designed front fascia
- Up to 1,000 m. Typical 20 detector per Class B Circuit + 5 MCPs
- Individual Class B Circuit Isolation
- Pin point address location of sensors with customizable text inserts
- Programmable input for remote reset/evacuate/alert/fire
- Lamp Test Facility
- Detectors/MCPs in same circuit
- Date/Time/Password configuration
- Separate configuration/user memories/system fault, sound/ resound feature like EN 54-4 standard
- Fire, Fault, Configurable Relay
- Circuit wise NAC configuration
- NAC Enable/Disable facility
- Monitored NAC and Class B Circuit for Open/Short/Faults
- PC tool for advanced configuration needs/Event exploring
- One Man walk test facility
- Certified for Safety standard IEC 62368-1:2018
- Staged Delay configuration for alarm verification
- Engineering Mute Configuration
- Battery Charging/Battery Internal Resistance Monitoring
- On board memory lock switch to prevent unauthorized panel configuration changes.
- Configurable delays to output, with timer to fire indication
- Latching/Non-Latching configuration for fault for easy debugging

WIRING DIAGRAM



Circuit diagram*

* Number of Programmable input might vary based on panel model, minimum 1 would be supported in all variants, check installation manual for all details.

SPECIFICATIONS

Mechanical Specifications	
Dimensions (H X W X D)	360 X 422 X 122.8 mm (Front Facia), 360 X 380 X 92.3 mm (Back Box)
Weight	5.8 Kg Approx. (No Battery Fitted)
Construction	Powder coated Cold Rolled STEEL 1.2mm thick
Cable Entry	15 X 20mm Knockout
Operating Temperature	0 to 49°C
Relative Humidity	5% to 95% Non-Condensing
Electrical Specifications	
Operating Voltage	230V-AC +/- 20% Output current 2A maximum, Alarm Load 1A Maximum
Standby Batteries	Minimum capacity 2 x 12 V 2.8Ah, Maximum capacity 2 x 12 V 7 Ah
Detection Circuits	2, 4, 6, 8 Class B Circuit, Max 2mA per Detect or Circuit
Approved Detectors	Honeywell Morley Lite Series
Programmable Inputs	Configurable (Alarm, Reset, Evacuate)
Programmable Input	Extended closing contact
Trigger External Outputs	Sounder Outputs: <ul style="list-style-type: none"> • 2 monitored outputs • 0.5 Amps per circuit Auxiliary Output: <ul style="list-style-type: none"> • 18.5 to +28.5 Vdc, 0.5 Amp. (max)

COMPATIBLE DEVICES

Order	Codes Description
HML/PSE	Morley Lite Photo-Electric Smoke Detector
HML/PTSE	Morley Lite Photo-Electric Smoke & Heat Detector
HML/RHSE	Morley Lite Heat Detector
B/401	Plug-in detector base

ORDERING PART CODES

Order Codes	Manufacturer Part No.
HML/100/2A	Morley Lite 2 Circuit Class B Fire Alarm Control Panel
HML/100/4A	Morley Lite 4 Circuit Class B Fire Alarm Control Panel
HML/100/6A	Morley Lite 6 Circuit Class B Fire Alarm Control Panel
HML/100/8A	Morley Lite 8 Circuit Class B Fire Alarm Control Panel