



Technology With Tradition



AGNi[®] DEVICES PVT. LTD.

An ISO 9001:2008 Certified Company

CONVENTIONAL FIRE ALARM SYSTEM

CONVENTIONAL FIRE ALARM PANEL

2 - 40 ZONE FIRE ALARM PANEL WITH LCD DISPLAY - ORIEL SERIES ANNUNCIATION PANEL FOR FLOW SWITCHES

The Oriel series of Microprocessor based fire alarm panels are an upgraded version which provides a reliable and cost effective solution, from small to large size installation which have 4,6,8 & could go upto 60 zones of selection models and features. These units have been designed to offer high standards of performance, reliability and quality and comply with IS 2189:1999 and tested by the ERTL (N). The Oriel series panels are specially suited for the small office, workplaces, small & high rise buildings.

Product Overview

- Easy Installation, Operation & Maintenance.
- Complies to IS 2189:1999 and Tested by ERTL (N).
- 2 x 16 character backlit LCD display. (4 x 20 character, optional)
- 64 / 128 / 256 Events logging facility with real time clock and keypad. (optional)
- 2 Wire Communication facility via RS 485 Port. (For Repeater Panel) (optional)
- Lamp test features.
- Complete with integral power supply and battery charger for SMF battery.
- NO/NC contacts for both fire and fault.
- Switches to enable on board operation.
- LCD and LED Indication for open, short circuit, Isolate, Fire in each zone.
- Maximum nos. of Detectors in each zone is 25



Battery Box

TESTED BY : ERTL (N)

SPECIFICATION	ORIEL SERIES
Operating Voltage	220 Volt Mains A.C. Input / 24V D.C. Output
No. of Zones	4 - 40 Zones
EOL	4.7 k ohm , 1 per zone
Sounder Output / Aux. Relay Output	Common hooter output with Individual Zone Output / One Each for Fire & Fault
Construction / Dimension (mm)	1.8 mm CRCA Sheet Duly powder coated / 275 x 325 x 95 (L x B x D) (for 4 Zone)
Weight	4.475 kg (Approx) (for 4 Zone) Above 4 zone contact sales desk
Display	Zone Healthy, Isolate, Short, Open, Fire, 2x16 Character LCD Indicating complete status of zone
User Control	Reset, Lamp Test, Silence, Isolate, Short, Open, Fire
Internal Sounder	Continuous buzzer for fault and intermittent buzzer for fire
Temp. / Humidity	0 deg. C to 50 deg. C / 90% to 95% RH Condensing

BSNL Approved model is also available.

SERIES 100 CONVENTIONAL DETECTORS

MODEL AD338-2L, AD338-2HL, AD318-2L

The series 100 range of Conventional detectors has been produced using the latest in manufacturing and design techniques, pushing out the boundaries of existing conventional detector technology.

The Series 100 detector incorporates a bi-colour LED indicator. The integral LED is blinking Green when the detector's status is Normal and turns steady Red when it is in Alarm. This benefits the user by providing clear, instant visual indication of the detector's condition. An optional remote LED annunciator may be used to repeat any alarm signal.

PHOTO ELECTRIC SMOKE DETECTOR MODEL AD338-2L



PHOTO THERMAL SMOKE DETECTOR MODEL AD338-2HL



Product Overview

- ✦ Low profile design
- ✦ Low current draw
- ✦ Wide operating voltage 8 to 30V DC
- ✦ Bi-colour LED detector status indicator
- ✦ Automatic drift compensation
- ✦ Remote alarm test feature
- ✦ Easy Maintenance
- ✦ Range of detector bases available
- ✦ Remote LED Option
- ✦ Approved to EN54- 7:2000 (Amendment1)
- ✦ Extended warranty

RATE OF RISE THERMAL DETECTOR MODEL AD318-2L



Electrical Specifications

Operating Voltage Range
8 to 30VDC (Nominal 12/24VDC)

Maximum Standby Current @25PC
60µ A @ 24VDC - AD338-2HL /
55µ A @ 24VDC - AD 318- 2L
45µA @ 24VDC - AD338-2L

Maximum Permissible Alarm Current
80mA (current limited by control panel)

Environmental Specifications

Application Temperature Range
(see note)
-30° C to +70° C

Humidity
5% to 95% Relative Humidity
(non-condensing)

Mechanical Information

Height
40.5mm
(plus 9.5mm for standard base)

Diameter

102mm

Weight

75g (plus 45g for standard base)

Wire Gauge for Terminals
0.4mm² to 2.0mm²

Colour
Approximates to RAL9016

Material
ABS

Bases : AD 300 Standard Base

Accessories : AD Series RTU Remote Test Unit

Fire Fighting Panel Main LT Panel MCC Panel Diesel Pump Control Panel HVAC VFD Panels

The AGNI electrical control panels comes with custom built designs as per the specifications of the clients. We manufacture MCC Panels, Fire Fighting Panels, Capacitor Panels, LT Panels & AMF Panels. Our Panels are CPRI approved.

An electrical panel load control center it helps in performing entire electrical operations such as power transmission, power distribution, power system protection at a time. It make sure safe power distribution to the load it also helps in establishing in wiring diagram for the facility it has closing circuits cable, trip circuits, MCBs, MCCB, MPCB NO and NC switches etc.

Agni professionals manufactured electrical panels using modern technologies.



CPRI Approved

MANUAL CALL POINT (MS)

AD - 101

The manual Call Point is tough, durable & highly visible. Alarm LED/s is provided inside the Call Point to indicate the Alarm condition.

Product Overview

- Available for flush or Surface Mounting.
- Suitable for majority of conventional Fire Alarm System.

SPECIFICATIONS	
Voltage	18-26 V.D.C.
Alarm Current	30 mA
Weight	540 gm
Dimension (mm)	115 x 90 x 52
Colour	Red
Material of Cons.	MS



SOUNDER (MS)

AD - 501

The Electronic sounder is designed for use within fire alarm systems, security systems and industrial signaling systems. It provides an audio warning which is suitable for place which needs audio indication.

Product Overview

- 24 / 12 Volt DC operation
- High sound output with low current consumption.

SPECIFICATIONS	
Voltage	20-26 V.D.C.
Alarm Current	180 mA
Weight	565 gm
Dimension (mm)	185 x 125 x 75
Colour	Red
Material of Cons.	MS



REMOTE INDICATING LAMP

AD - 301

The unit is designed to ensure that Alarm Signal can be actually transmitted to all locations. To prevent any missing signal specially for the close room.

Product Overview

- Dual LED
- Low Current Consumption

SPECIFICATION	
Voltage	6 - 26 V.D.C.
Alarm Current	16 mA
Weight	32 gm
Dimension (mm)	95 x 65 x 30
Colour	White / Red
Material of Cons.	FR Polymer ABS

AD - 301 (MW)



AD - 301



AD - 301 (MS)



MANUAL CALL POINT

AD - 110 / AD - 110 BL (BLINKING TYPE)

The manual Call Point is tough, durable & highly visible. Alarm LED/s is provided inside the Call Point to indicate the Alarm condition.

Product Overview

- Available for flush or Surface Mounting.
- Suitable for majority of conventional Fire Alarm System.
- Front protection glass cover.
- Unbreakable glass ABS plastic body.

SPECIFICATIONS	
Voltage	18-26 V.D.C.
Alarm Current	30 mA
Weight	140 gm
Dimension (mm)	85 x 85 x 50
Colour	Red
Material of Cons.	FR Polymer ABS



AD-110

SOUNDER ABS

AD - 502

The Electronic sounder is designed for use within fire alarm systems, security systems and industrial signaling systems. It provides an audio warning which is suitable for place which needs audio indication.

Product Overview

- 24 / 12 Volt DC operation
- High sound output with low current consumption.

SPECIFICATIONS	
Voltage	20-26 V.D.C.
Alarm Current	180 mA
Weight	370 gm
Dimension (mm)	115 x 115 x 75
Colour	Red
Material of Cons.	FR Polymer ABS



CONVENTIONAL SYSTEM ACCESSORIES

SIREN CUM STROBE

AD - ES F1

The Sounder cum strobe is designed to give the audio & visual indication in case of emergency & fire.

Product Overview

- 🔥 ABS Plastic Body
- 🔥 High Sound output / Light Source

SPECIFICATION

Voltage	20 - 30 V.D.C.
Alarm Current	95 mA
Dimension (mm)	185 x 130 x 70 (mm)
Sound Output	> 100db/1m
Light	> 1.2 WS with 2 Seconds Cycle
Colour	Red
Material of Cons.	FR Polymer ABS



AUTO DIALER

AD - 01 GSM

Product Overview

- 🔥 Totally Micro controller Based System.
- 🔥 2 - Line, 16 - Character LCD With Backlight.
- 🔥 20 Telephone Number with Speech.
- 🔥 20 Seconds pre recorded message.
- 🔥 Telephone Number Check Facility
- 🔥 Keypad Access Code Only After Correct Enter of Existing User Code.
- 🔥 Program Mode Can only Be Accessed by the Keypad.



Emergency Beam Light

Product Overview

- 🔥 Energy efficient with high intensity LEDs
- 🔥 Smooth operation
- 🔥 Individual Control Switch For Dome Light & Exit Light
- 🔥 Trickle charging
- 🔥 7.5 AH Battery for Backup



Emergency Exit Signs

Product Overview

- Edge Lit Long Life LED's
- Maintained / Non Maintained types
- Transparent Acrylic panel with single / double side options
- Status LED indicator (Mains / battery back up)
- Wall / Ceiling mounted options
- 28 Led's (14 nos. For main's and 14 nos. For power back up)
- 230V AC / 24V DC / 12V DC power supply options
- Power back up for 6 Hrs. In emergency conditions.
- CRCA housing duly powder coated finish
- Screen printing / Engraved as per approved pictographs

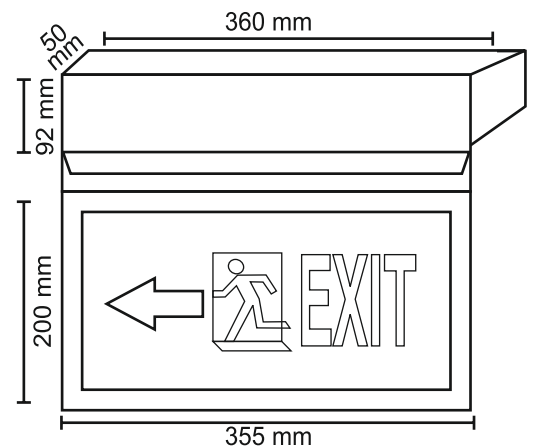


PHOTO-LUMINESCENT EXIT SIGN BOARD

Product specification- Photo-luminescent, energy saving (glow-in-dark) type Exit Sign Board. Exit sign board made on imported photo-luminescent sheet, pasted on 1mm thick aluminum sheet, monogram / signages and inscriptions made by way of computerized Vinyl Cutting and lamination.

PROHIBITION SIGNS



SAFETY SIGNS



COMBINATION SIGNS

Security Notice



EVACUATION PLAN





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