

BIGNET

(Wire Saving Hybrid Technology)

BIGNET is high end technology based product design on advance micro-prosser.It is featured with hybrid of addressable & conventional panels stand between addressable benefits & conventional cost. Professionally developed with prime moto for Indian concern as minimum wiring, user friendly commissioning for technician / electrician / installer.



SCOPE

This is perfect product for medium size installation to high size installations. Best use recommendations start from 40 sensing device, break glass & above.

It is most suitable Product for Multistory Building, Housing Societies, Factories, Godowns, Large Houses, Malls, Star Hotels, Warehouse, Medical Store, Hospital, Automated Plants, Corporate Office, Stationary Plants, And for lot huge premise.

This product is also prefect choice for sprinklers annunciation for monitoring flow switch as exact location.

BENEFITS

BigNetT Panel works on four wire network including detector, manual call point, sprinklers system as required with the help of modules. So it is more economical due to:-

- 1:- Cable/wirring cost saving up to 70%.
- 2:- Time saving in laying of cable/wire due few numbers of wire & length thus labour task component also economical.
- 3:- There is not big bunch of wires/cales so maintenance is much easier .
- 4:- Bignet provide location address in number format that is quick way for locate fire/foult.
- 5:- Advance & compact circuitry for future maintenance angle.

Technical Data

- 1-Operates on 220 V AC supply.
- 2-Stand by battery backup with Built in charging.
- 3-Error free panel status in unambiguous colored LED indication.
- 4-RS-485 Protocol based Hybrid system.
- 4-System on Mains ON battery Low status indication.
- 5-Supports up to 56 module.
- 6-Module wise fire fault Operating indication Facility.
- 7-Laptop/PC Based addressing facility.
- 8-Datalodger via external PC& external printer based print out with time stamp.
- 9-Manual test facility
- 10-Rugged CRCA sheet with powder coated finish.
- 11-Compact size, Sleek Design.
- 12-Relay module Output for associate AHU, Pressure fan etc .

MECHANICAL CONSTRUCTION

The enclosure of the panel is constructed by CRCA Sheet with powder-coated finish and its designed to afford the degree of protection as per IP54 , The 20 mm Knock outs are given for cable entry at the top of the cabinet. The Panel has a built in battery space for 2Nos of 12 V , 7 AH Batteries.

The front side of the panel consist of the following

- 1) Control Switches
- 2) LED Indication
- 3) 40 X 4 Blue back LCD

TECHNICAL DATA

OPERATING VOLTAGE	: 24 DC+ 10%	No of Module supported	: 56
MAINS SUPPLY	: 190V AC-240V AC	Wire between Panel to module	: 4
STAND BY SUPPLY	: 24V/4.5Amper	Network	: RS-485
HOOTER OUTPUT	: 24V/2Amax	Protection	:DC FUSE in each Module
RELAY RATING	: 24V/3Amp	WEIGHT	: 6 KG APPROX..
POTENTIAL FREE CONTACT	: FIRE & FAULT		
VOLTAGE CHARGER	: 26.6V		

Associated Product for BigNet

ZONE MONITOR MODULE-----8-12 Zone

Data Sheet

MODEL :Splitter

Zone Monitor Modules are used for various task according to requirement .Zone Monitor Modules are manufactured as per application:

- 1-----Multi Zone Monitor modules -----(4/8/12/16 Zone)
- 2-----LCB-TB Module
- 3----Single way Module

Multi Zone Monitor modules

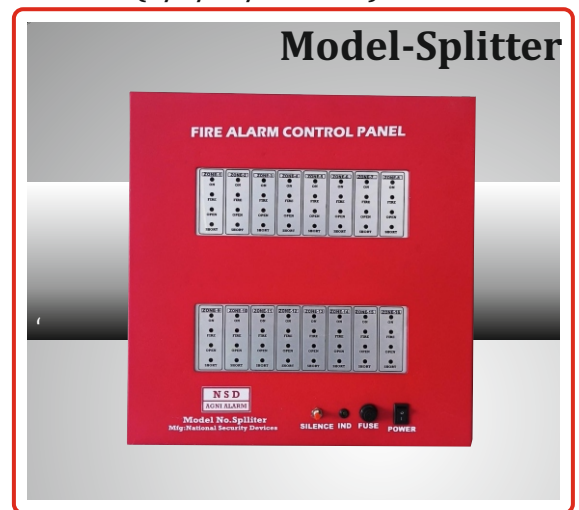
Module in BigNet panel has following function:-

- 1:- Detector,MCB & Hooters are powered through module.
- 2:- Every area/floor has a dedicated & independent module with unique address .
- 3:- Every module can be programmed as unique addressing no.

This addressing no. display the area on LCD DISPLAY Main Panel.

- 4:- One module has capacity of up to 30 detector with any make & 2-3 Hooters
- 5:- Modules are not related to each other so missing/fault in a module not will not effect the other into the other module.
- 6:- Bignet panel has capacity of 56 ZM Module in a loop.
- 7:- It is optional facility to connect the PUBLIC ADDRESS SYSTEM & TALK-BACK SYSTEM with this panel.

Multi Zone Monitor modules (4/8/12/16 Zone)

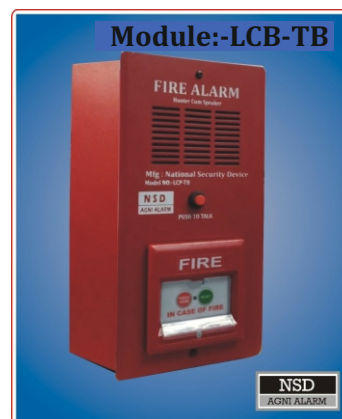


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LCB-TB Module

LCB-TB Module

Module-(LCP-TB) is single zone module can operate approx 20 detectors with builtin hooters. MCB and a hooter is inbuilt comes with this module . This module has featured with TALK BACK.&



Single way Module

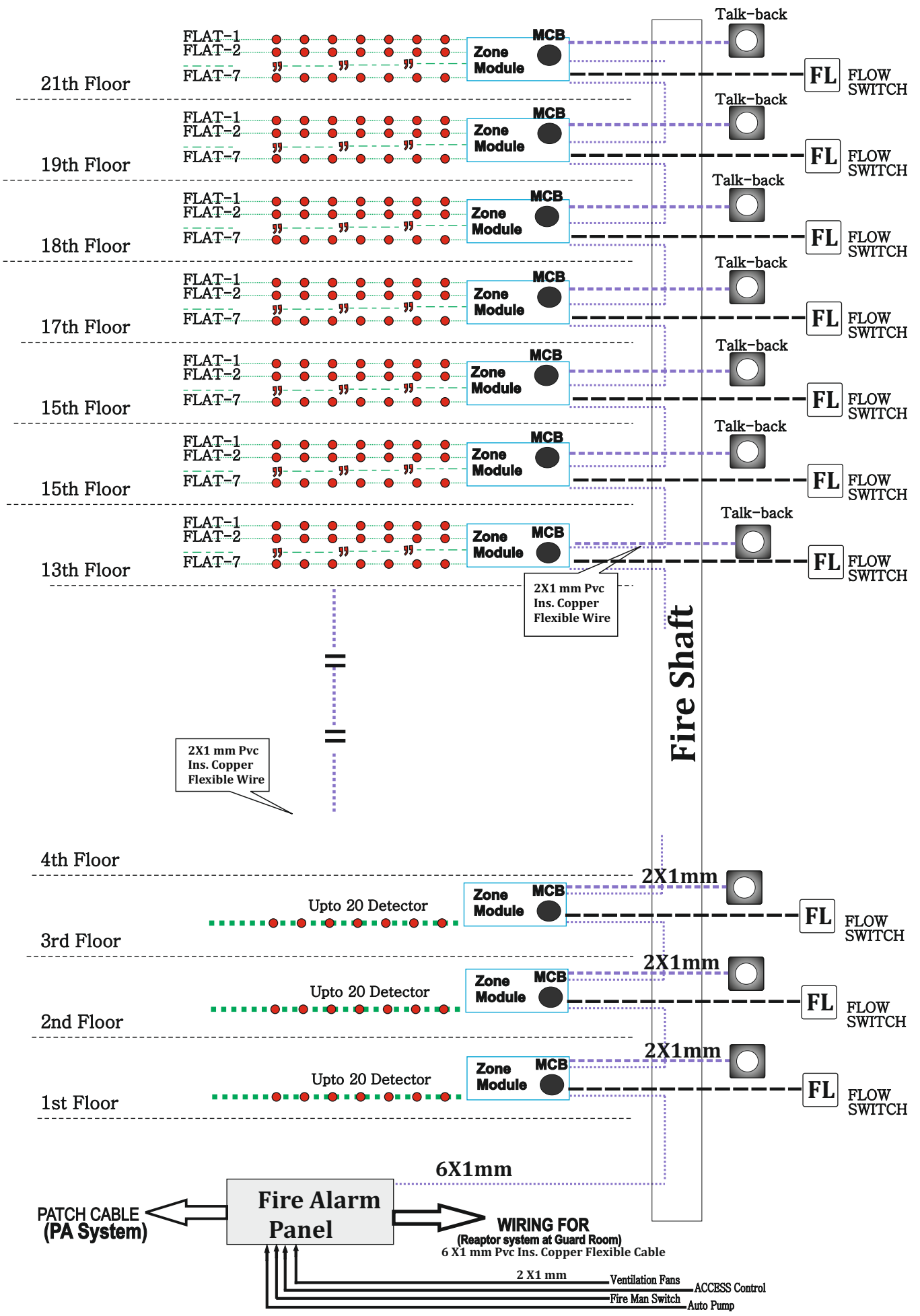


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Fire detection system WIRING



PA system Floor wise announcement

