



NITTAN COMPANY, LIMITED

Bringing Innovations into Fire Protection

FIRE ALARM CONTROL PANEL, MODEL: 2PD1-5L

CAT. NO. FA3003

DESCRIPTION

The NITTAN Fire Alarm Control Panel, model: 2PD1-5L utilizes the latest modern technology available to enable the production of a small, sophisticated and highly reliable product.

This panel is suitable for a wide variety of risks in industrial and commercial premises, e.g. shops, offices, stockroom, guest house, post-office, mobile-phone station, etc. When used NITTAN range of equipment and products, a complete fire alarm system can be built.

FEATURES

- Conventional type
- Alarm Delay Function
(Heat Detector: 20 sec. / Smoke detector: 60 seconds)
- Supervision of detector lines and fault monitored
- Energy saving technology-Uses less power
- Light body (Using Flame retardant in ACS resin)
- Highly reliable – Less maintenance required.
- Control Panel Re – Activation

If the control panel has received a fire signal and has generated a full alarm condition which has then been subsequently silenced, and a second fire signal is received, the control panel will automatically re-initialize the full alarm condition

- Surge absorber

This control panel is provided with surge absorbers at the primary and secondary sides of the transformer for a counter measure against thunder lighting and electrical-surge.

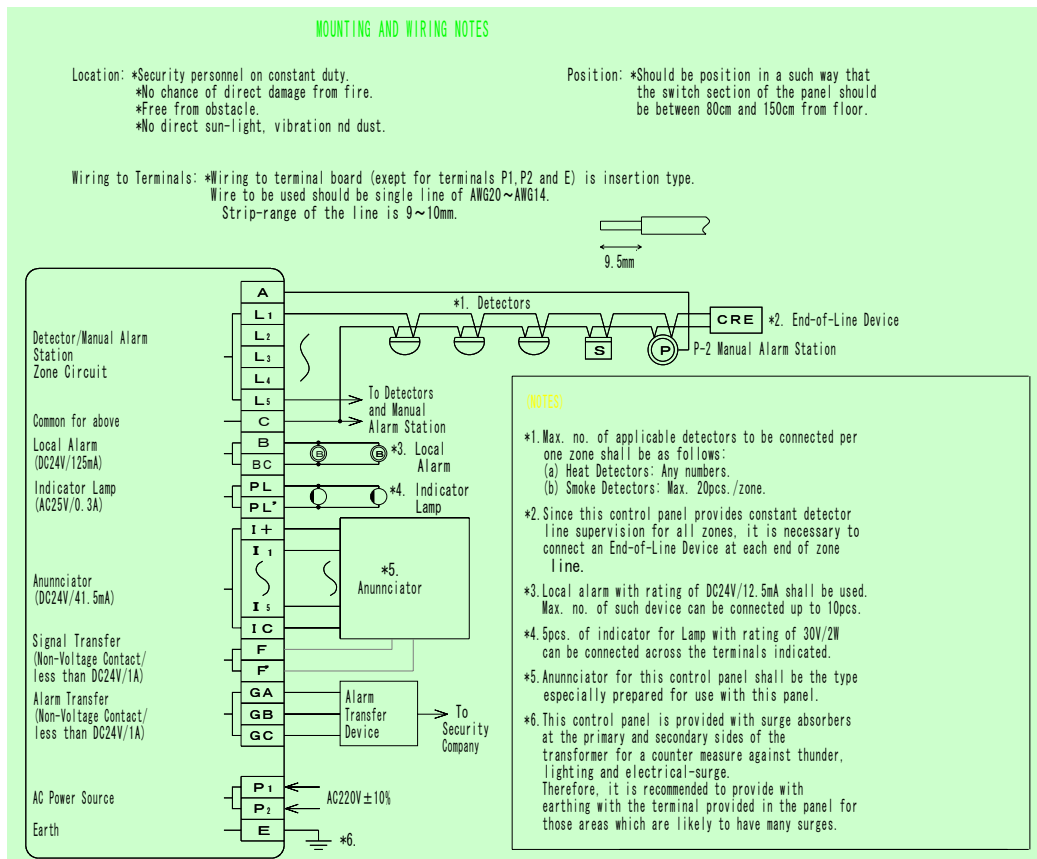
Therefore, it is recommended to provide with earthing with the terminal provided in the panel for those areas which are likely to have many surge.



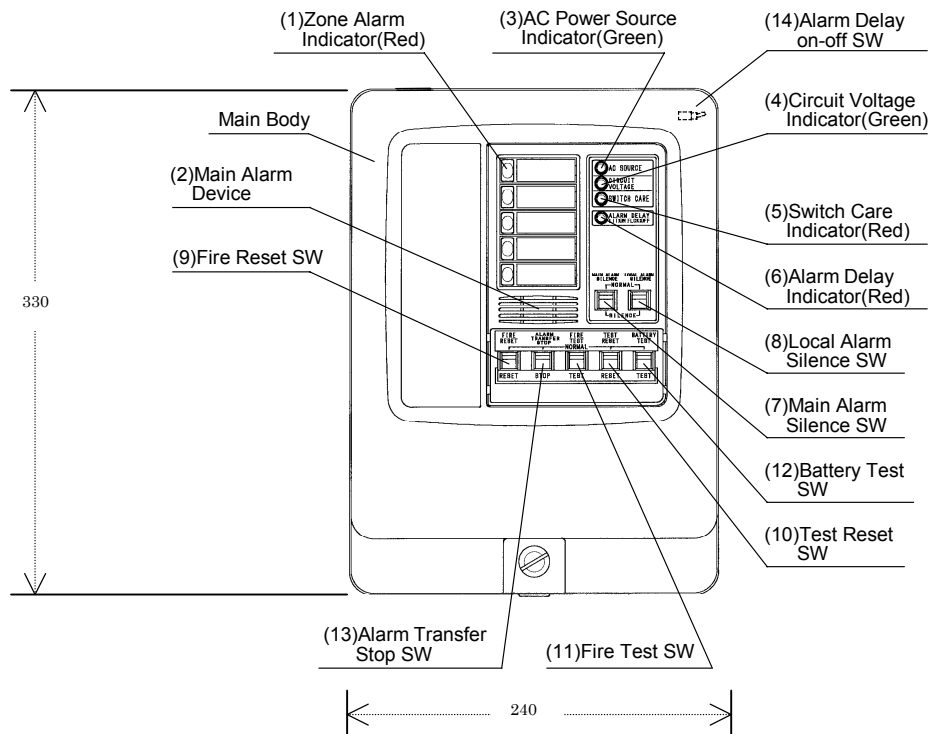
SPECIFICATIONS

Model No.	2PD1-5L(5 Zones Unit)
AC POWER SOURCE	AC220V $\pm$ 10% 50/60Hz
Circuit Voltage	DC24V
Standby Power	DC24V/0.225Ah(Ni-Cd Battery)
Number of Detectors	Heat: Any Number / Smoke: Max. 20pcs./Zone
Alarm Delay Time – Rated 60 sec	Heat Detector/20 sec. / Smoke Detector/60 sec.
In case of the alarm condition being generated by operation of any Manual Alarm Station, the “Fire” condition is indicated immediately.	
Main Alarm	DC24V/20mA (Electronic built-in Buzzer)
Local Alarm	Max. of 10pcs. of DC24V/12.5mA Bells can be connected. (All bells operate simultaneously)
Indicator Lamp Power Source	AC25V/0.3A (5pcs. of 30V/2W Lamps can be connected.)
Annunciator	DC24V/41.5mA Annunciator Panel can be connected. (The Annunciator Panel shall be a special type prepared for this panel. No other annunciator panel can be used with this panel.)
Manual Alarm Station	The Manual Alarm Station shall be a special type prepared for this panel. No other manual alarm station can be used with this panel.
Terminal for Alarm Transfer	F,F' (Non-Voltage Contact: less than DC24V/1A) GA, GB, GC (Non-Voltage Contact with Alarm Transfer Stop Switch: less than DC24V/1A)

TYPICAL WIRING DIAGRAM



DESCRIPTION OF PARTS


NITTAN COMPANY, LIMITED
DISTRIBUTOR:

Head Office: 11-6, 1-Chome, Hatagaya, Shibuya-Ku, Tokyo 151-8535, JAPAN

Phone: (81)-3-3468-1127 / Fax: (81)-3-3468-1129

e-mail: nkint@nittan.com / home page: <http://www.nittan.com/>