Specifications

Power Supply Board PFC-8000

| No. | Item | Specification |
|-----|-------------------------------|---|
| 1 | Input at full load | 228VA |
| 2 | Frequency | 50/60Hz |
| 3 | Output voltage | 24VDC |
| 4 | Output full load current | 6.5A |
| 5 | Maximum ripple Vp-p | 150mV |
| 6 | Maximum wattage | 156W max. cont. |
| 7 | Ambient operating temperature | 0°C to 49°C (32°F to 120°F) |
| 8 | Dimensions | 77.0mm (3.03 inches) (H) × 172.0mm (6.77 inches) (W) × 58.0mm (2.28 inches) (D) |

Transformer PFC8500 (120) and PFC8500 (230)

| No. | Item | Specification | |
|-----|---|---|-----------------|
| | | PFC8500 (120) | PFC8500 (230) |
| 1 | Primary rated voltage and frequency | 120VAC, 50/60Hz | 230VAC, 50/60Hz |
| 2 | Rated voltage of terminal 1 (GRN - GRN) | 20.0VAC ±5% | 20.0VAC ±5% |
| 3 | Rate voltage of terminal 2 (BLU - BLU) | 32.0 VAC ±5% | 32.0 VAC ±5% |
| 4 | Rated current of terminal 1 (GRN - GRN) | 5.0A AC | 5.0A AC |
| 5 | Rated current of terminal 2 (BLU - BLU) | 6.9A AC | 6.9A AC |
| 6 | No load voltage of terminal 1 (GRN - GRN) | 21.5VAC ±5% | 21.4VAC ±5% |
| 7 | No load voltage of terminal 2 (BLU - BLU) | 34.6VAC ±5% | 34.3VAC ±5% |
| 8 | Dimensions | 118.5mm (4.67 inches) (H) × 93.5mm (3.68 inches) (W) × 83.5mm (3.29 inches) (D) | |

Cabinet ECL-S508 NY (Beige/Yellow) / ECL-S508 R (Red)

| No. | Item | Specification | |
|-----|-------------------------------------|--|--|
| 1 | Ambient operating temperature range | 0°C to 49°C (32°F to 120°F) | |
| 2 | Enclosure rating | NEMA-1 (indoor – general purpose) | |
| 3 | Dimensions | 615.9mm (24.25inches) (H) × 376.9mm (14.84inches) (W) × 131.8mm (5.19inches) (D) | |

Ordering Information

- Power Supply Board
- Transformer 120VAC
- Transformer 230VAC
- Enclosure (Beige/Yellow)
- Enclosure (Red)
- : Part No. ECL-S508 R • Addressable Loop Expander (optional) : Part No. PCA-2442X ALE

NOTICE

- These instructions do not purport to cover all the details or variations in the equipment described, not provide for every possible contingency to be met in connection with installation, operation and maintenance.
- Specifications are subject to change without notice. Contact Nohmi before relying on above specifications.

: Part No. PFC-8000

: Part No. ECL-S508 NY

: Part No. Transformer PFC8500(120)

: Part No. Transformer PFC8500(230)

- Actual performance is based on proper application of the product by a qualified professional.
- · Should further information be desired or should particular problems arise, which are not covered sufficiently for the purchaser's purpose, the matter should be referred to Nohmi or a distributor in your region.



• Head Office: 4-7-3 Kudan-Minami, Chiyoda-ku, Tokyo 102-8277, Japan

· Phone: (81)3-3265-0231 • F A X: (81)3-3265-5348

URL http://www.nohmi.co.jp/english/

Contact

ANALOG ADDRESSABLE FIRE ALARM CONTROL PANEL

Features

- One SLC for 127 addressable devices, optionally expandable to four SLCs for 508 addressable devices • 80 characters LCD (20 characters × 4 lines)
- Intelligent anti-tamper protection by a key lock and passwords
- Panel address setting
- System data configuration on panel front
- 120VAC or 230VAC input power selectable

Description

The Integlex Multicrest S508 Fire Alarm Control Panel is an intelligent addressable fire alarm control panel, with a "Simple" and "Compact" design concept

The panel can be programmed to communicate with smoke detector, heat detector, and modules, a total of 127 devices on a Signal Line Circuit. The panel may be expanded to support up to 4 Signal Line Circuits, a total of 508 devices, when 3 of addressable loop expander PCA-2442X ALE are configured.

The operator interface consist of a 80-character LCD, system status LEDs, a local status buzzer, system control switches, a numeric keypad, and a key-lock switch. The LCD and the LEDs communicate the latest system information to the operator. The local buzzer audibly attracts the operator's attention during status change occurrences. The key-lock switch prevents unauthorized persons from tampering the control panel operation. When an authorized operator does not have the key for key-lock, entering pre-configured software passwords by the keypad enables the control panel operation.

The control panel has a function to set address numbers of addressable devices directly connected to the panel, which eliminates the dedicated address setting device. The control panel also possesses the system data configuration function, which enables the user to easily configure the system from the panel.

The remote annunciator output provides the panel with the ability to interface to remote annunciators. The annunciator connection is a proprietary protocol operating over RS-485 style communication bus.

The power supply part of the panel consists of the DC switching power supply and a transformer. It provides a regulated 24VDC output on auxiliary output terminal blocks for use by external devices such as notification appliances, remote annunciator, 4-wire smoke detector, etc.

Specifications

PCA-2440X S508 (Main Control Unit)

| No. | Item | |
|-----|--------------------------------------|--------------|
| 1 | Maximum 24VDC current rating | 202mA |
| 2 | Maximum 24VDC alarm current rating | 322mA |
| 3 | Ambient operating temperature | 0°C to 49°C |
| 4 | Dry contact output ratings | 2A at 30VD0 |
| 5 | 24VDC output wiring style | NFPA Style |
| 6 | 0.4V/DC maximum autaut aurrent | 1.5A per out |
| 0 | 24VDC maximum output current | 3.0A per out |
| 7 | Applicable SLC wiring style | NFPA Class |
| 8 | Maximum no. of address per SLC | 127 address |
| 9 | Maximum SLC resistance | 50Ω |
| 10 | Maximum SLC capacitance | 0.5 µF |
| 11 | Remote annunciator bus wiring style | NFPA Style 4 |
| 12 | Maximum remote annunciator number | 31 units |
| 13 | Maximum circuit resistance of RA bus | 1.2km (4,00 |
| 14 | Remote annunciator bus connection | RS-485 |
| 15 | Serial output connection | RS-232C |
| 16 | PCCP connection | RS-232C |
| 17 | ALE connection | RS-485 |
| 18 | Dimensions | 220mm (8.6 |





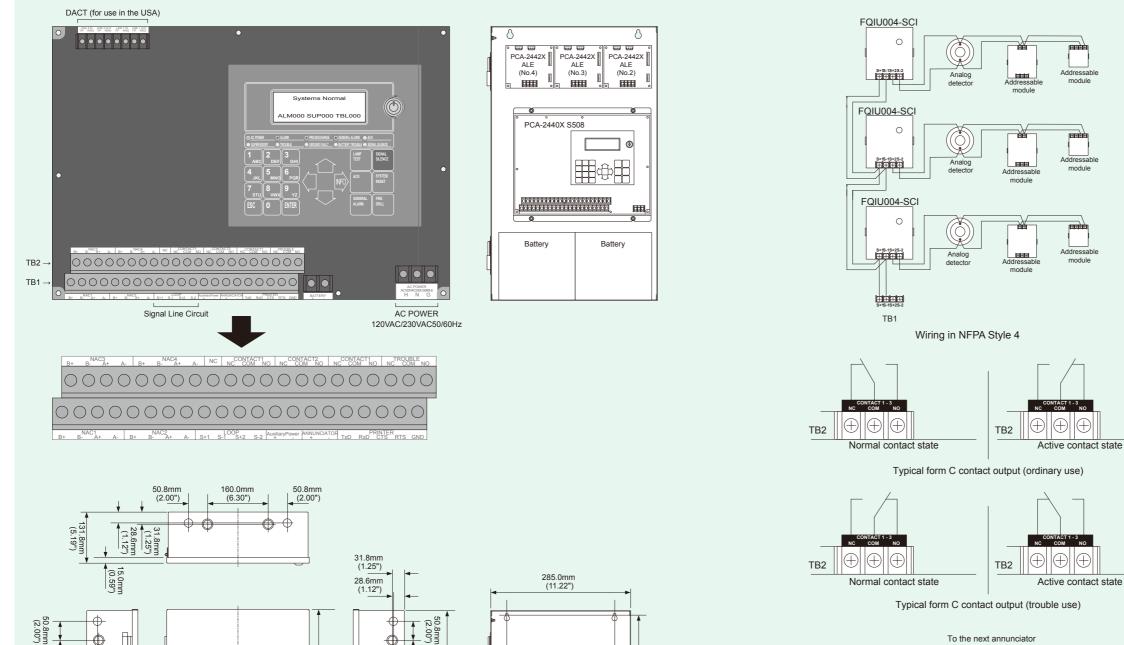
Specification

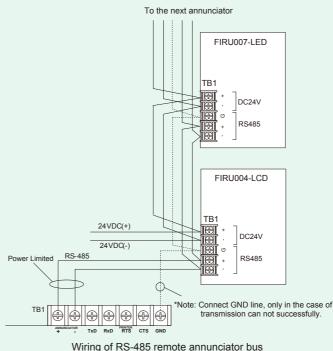
C (32°F to 120°F) DC (resistive) Y or Z utput × 4 outputs, 3.0A per output × 2 outputs, utput × 1, 1.5A per output × 2 outputs A (Style 6 & 7), Class B (Style 4) sses

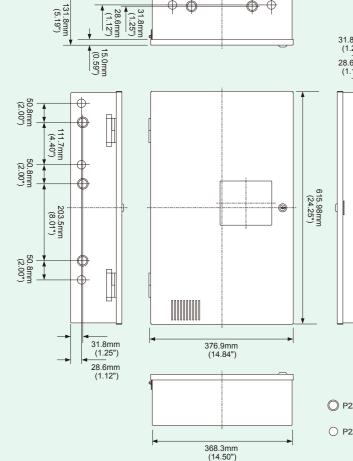
00 feet), 40Ω, 0.4µF

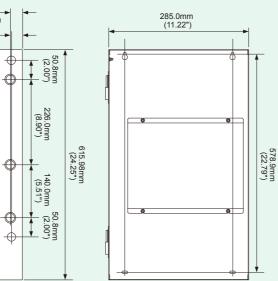
66inches) (H) × 320mm (12.60inches) (W) × 43mm (1.69inches) (D)











P22.5/28.5mm(0.886/1.125") double-knockout

P22.3mm(0.875") knockout

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