

Features

Compact pre-configured single bay 4100ES Fire Detection and Control panels for 1 to 5 addressable loops and up to 750 addressable points

CPU assembly feature summary:

- Equipped with 220-240 VAC, 50/60 Hz input system power supplies (SPS)
- Available with standard 2 x 40 LCD or with expanded InfoAlarm™ Command Center display
- Addressable point capacity is available as 250, 500, or 750 total
- Models are also available with a four channel IDNet+ module for increased installation flexibility and a total external device capacity of 496 points (see page 2)

Master Controller details:

- Color-coded operator interface includes raised switches for high confidence feedback
- Dual configuration program CPU with convenient service port access
- System power supply (SPS) and charger (9 A total) with on-board: NACs, IDNet™ addressable device interface, programmable auxiliary output and alarm relay
- Module level ground fault search locates and isolates faults to assist installation and service

Standard addressable interfaces include:

- IDNet addressable device interface for support of TrueAlarm® analog sensing and operate with either shielded or unshielded twisted pair wiring
- Remote annunciator module support via RUI (remote unit interface) communications port

Compatible with Simplex® remotely located:

- 4009 IDNet NAC Extenders
- TrueAlert® Addressable Controllers

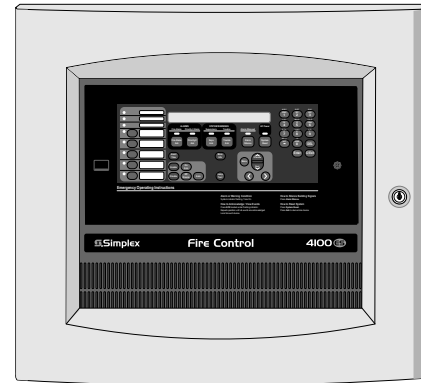
Software Feature Summary

CPU provides two on-board configuration programs:

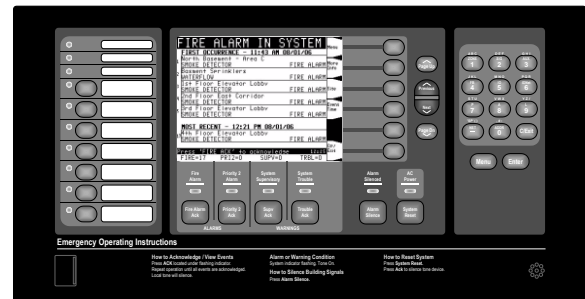
- Two programs allow for reduced service programming time with one active program and one reserve
- Downtime is reduced because the system stays running during download

PC based programmer features:

- Convenient front panel access port for quick and easy download of site-specific programming
- Modifications can be uploaded as well as downloaded for greater service flexibility
- AND, firmware enhancements are made via software downloads to the EPROM – service personnel are not required to exchange board level components



4100ES Single Bay Cabinets are Available in Platinum or Red (order cabinets and doors separately)



Available with InfoAlarm Command Center Operator Interface

Description

For smaller facility application requiring limited module capacity, these 8, pre-configured single bay cabinet CPU Assemblies provide a variety of features. Cabinets, doors, and trim are ordered separately to meet installation needs.

The available configurations are listed on page 2. Additional details are located on the separate equipment data sheets as listed below.

Additional Reference

Data Sheet	Subject
S4100-0031	Standard Panel Reference
S4100-0036	Network Display Unit
S4100-0038	Remote Annunciators
S4100-0035	MINIPLEX® Transponders
S4081-0002	Remote Battery Charger
S4100-0046	IDNet+ Module w/Quad Isolator
S4100-0032	LED/Switch Modules
S4100-0037	Enclosure Options

* These products were not ULC listed or approved by FM, MEA (NYC), or CSFM as of document revision date. Additional listings may be applicable; contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Safety Products Westminster.

Product Selection

CPU Assembly Selection

Model	IDNet Addressable Points	IDNet Loops	IDNet Modules	Display	Description
4100-9231	250	one	Standard, on SPS	Standard, 2 x 40	Single bay CPU assembly with 220-240 VAC input SPS; display and IDNet addressable loops as described; includes a 220/230/240 VAC Power Distribution Module (PDM) SPS rating: 2 A maximum @ 204 to 264 VAC, 50/60 Hz; with separate taps for 220/230/240 VAC
4100-9232	500	two	Adds one 4100-3101 IDNet module		
4100-9233	750	three	Adds two 4100-3101 IDNet modules		
4100-9234	496*	five	Adds one 4100-3107 IDNet+ module		
4100-9235	250	one	Standard, on SPS	InfoAlarm™ Display	
4100-9236	500	two	Adds one 4100-3101 IDNet module		
4100-9237	750	three	Adds two 4100-3101 IDNet modules		
4100-9238	496*	five	Adds one 4100-3107 IDNet+ module		

* 500 points total. Four points are pre-assigned for individual control of the four isolated IDNet + outputs.

Cabinet and Door Selection

Model	Color	Description
2975-9444	Platinum	Single bay cabinet with glass door and dress panel; select if box and door are to be shipped together
2975-9441	Red	
2975-9438	Platinum	Single bay cabinet;
2975-9407	Red	
4100-2104	Platinum	Glass door and dress panel
4100-2124	Red	

Select if cabinets and doors are to be shipped separately

Accessories

Model	Description
2975-9813	Platinum semi-flush box trim
2975-9812	Red semi-flush box trim

1-7/16" (37 mm) wide, four corners and trim pieces for top, bottom, and sides

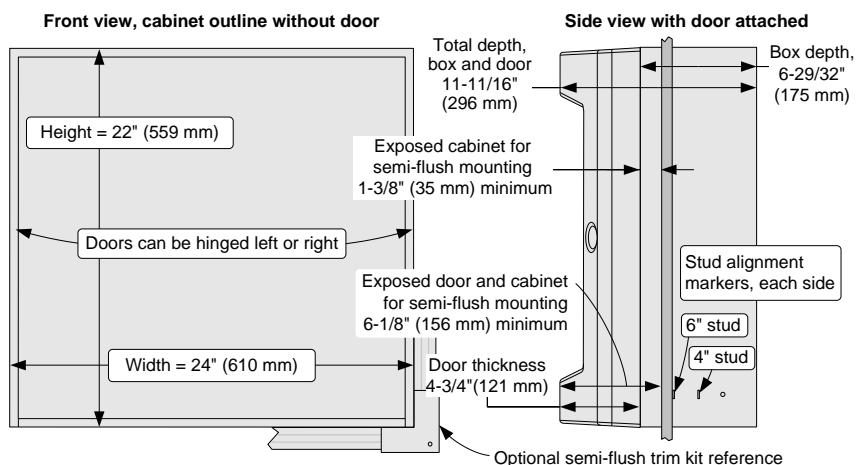
Battery Reference (refer to data sheet S2081-0006 for battery details)

Model	Capacity	Model	Capacity	Battery Notes
2081-9272	6.2 Ah	2081-9275	18 Ah	<ol style="list-style-type: none"> 1. Sealed lead-acid batteries, 12 VDC each; two required per battery location. 2. Battery selection is required if batteries are internal. 3. Select one size per battery set
2081-9274	10 Ah	2081-9287	25 Ah	
2081-9288	12.7 Ah	2081-9276	33 Ah	

Single Bay Enclosure Mounting Reference

NOTE:

A system ground must be provided for Earth Detection and transient protection devices. This connection shall be made to an approved, dedicated Earth connection per NFPA 70, Article 250, and NFPA 780.



Tyco is a registered trademark of Tyco International Services GmbH and is used under license. Simplex, the Simplex logo, IDNet, MINIPLEX, TrueAlarm, and TrueAlert are trademarks of Tyco International Ltd. and its affiliates and are used under license.



Tyco Safety Products Westminster • Westminster, MA • 01441-0001 • USA

S4100-0058-2

www.tycosafetyproducts-usa-wm.com

© 2011 Tyco Safety Products Westminster. All rights reserved. All specifications and other information shown were current as of document revision date and are subject to change without notice.