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Datasheet

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KELTRON

DMP703 Universal Alarm Monitor



Universal Compatibility
Unparalleled Reliability
High Performance
Cost effective

Keltron's flagship DMP703 is a universal alarm monitor that enables high performance, dependable and cost effective life safety alarm monitoring at municipal and proprietary facilities. The DMP703 is a full-featured remote, central, and proprietary supervising station fire alarm system and is installed and deployed at thousands of facilities and institutions across the country and internationally.

DMP703 benefits

- Versatile** - accepts universal input technologies and provides multiple outputs on a control-by-event basis
- Reliable** - proven in thousands of municipal and proprietary installations throughout the world
- Fast** - enables instantaneous life safety event response with easy-to-use and learn operator controls
- Accurate** - English text event description and response messages ensure error-free dispatching
- Cost Effective** - interfaces with both new and existing systems and components to save capital expense

DMP703 features

- Modular structure allows easy expansion of inputs and outputs
- Enables 20,000 direct connect inputs
- Interfaces easily with monitoring stations
- Sequential rotating display
- Computer interface capability
- Utilizes existing alarm wiring in combination with new multiplex technologies
- Instant non-volatile RAM memory for speed and accuracy
- Completely field-programmable messages
- Easy-to-use, efficient touch screen operator controls and 2-color printer
- Provides history reports of alarms, acknowledgements and resets

Input versatility

The unique ability to receive a wide range of inputs is a major advantage to the DMP703. It receives signals through reversed polarity, end-of-line (EOL) resistors and fiber optic or microwave inputs. With added modules the system receives:

- Digital communicators/dialers
- Coded or McCulloh signals
- Active network radio
- Multiplexed signals for remote monitoring and control
- FACP networking
- Interfaces with many other types of equipment via RS232/422/485 communications

A wide range of outputs

The powerful DMP703 incorporates multiple alarm monitors connected by standard RS232 and RS422/485 computer protocols or modems for complete flexibility. Specific alarms may be assigned to specific monitor stations that have CRT displays and/or printers. Higher order systems such as automation or dispatch computers can be connected as required. Control via field-programmable relays/transistors for equipment and drivers for remote annunciators are available, as are coded signal outputs with or without PNIS for annunciators or fire panels.

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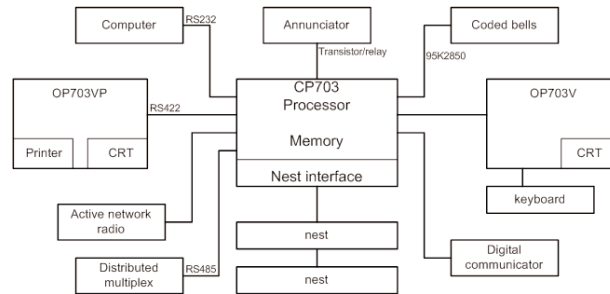
The powerful internal computer

Keltron's DMP703 has a powerful computer that provides communication facilities and field-programmable control of auxiliary equipment. The system employs a building block approach that enables an extensive set of plug-in modules. Highly functional software connect the components for maximum efficiency.

Central processors (CP703, CP703V, CP703VP) and operator consoles (OP703V, OP703VP)

- Plug-in computer card nest onlyCP703
- Card nest with display/touch screenCP703V
- Card nest with display/touch screen and printerCP703VP

Note: any of the above may function as the central processor. The OP703V or OP703VP function only as a remote or local operator console.



Standard plug-in cards

- Direct connect nest interface ..95K2981
- Two-channel SI/O (RS232)95K3068-5
- Two-channel SI/O (RS422)95K3068
- Added memory 256K95M2947-1
- ¹Distributed Multiplex interface ..95K3150

¹See the PLM703 data sheet for distributed multiplex, including FACP networking.

Special purpose plug-ins

- Relay outputs95K2810(16 EA)
- Transistor outputs95K2821(48 EA)
- ¹Coded inputs95K2739-2
- ¹Coded outputs95K2850

¹See the CSD703 data sheet for coded signal capabilities.

Special equipment to which the DMP703 can interface:

- Digital receivers
- Annunciator panels
- Remote CRT and/or printer
- Pocket pagers
- Automation/CAD

Alarm monitoring nests

- Reverse polarityDM726
- Multi-end-of-lineDM725
- Tones, fiber opticsDM728
- Central multiplexCSU/DGP-32 or 16A

Input modules

- ¹Active radio network RF7500
- ²Digital receiver LCUE3
- ³Distributed multiplex PET400/600
- Coded signalsCSD703

¹See RF7500 data sheet for active radio network information.

²See DR703Le data sheet for DACR capabilities.

³See PLM703 data sheet for distributed multiplex information

Software options

- History
- Block dial up or out-of-scan
- Nurse call / wakeup call
- Networked systems
- Database up/download
- Auto arm/disarm by T&D
- Password protection
- Annunciator drivers
- Hot standby redundancy

Keltron develops and manufactures universally-compatible, UL listed life safety event management systems for the municipal and proprietary markets. Solutions include Ethernet signaling systems, active network radio systems, distributed multiplex systems, digital communicator/receiver systems, and direct wire systems. This document is not intended for installation or maintenance purposes. All specifications are subject to changes without notice. For more information visit www.keltroncorp.com or contact us at 781-894-8710.

