

Keltron PET401 Distributed Multiplex Transceiver



Keltron's PET401 is one of a series of distributed-multiplex, addressable transceivers that provide a low cost and reliable method of protecting a wide range of proprietary, commercial, and industrial buildings and complexes.

The Keltron PET401 is especially appropriate for use in campus environments and industrial complexes because it enables reliable use of existing wire and wiring topologies for all communication between modules and the central monitoring host. The Keltron PET401 module and the FACP may be located up to several miles apart when using an optional modem.

Keltron PET401 benefits

Reliability- high-performance error-detection during serial, multiplexed signal transmission
Low cost - retransmits serial data output from multiple FACP's with a cost saving wiring flexibility

Keltron PET401 features

- Compact and easy to install
- Contains both serial alarm input circuitry and full RS485 signaling circuit capability
- Branching minimizes wiring and allows miles of distance capability
- NFPA 72 signaling line circuit classes A or B to style 7
- Wide range low power input - 8-24V at 75mA

Specifications

Input: 1 serial data channel RS232C with XON/XOFF and CTS/RTS handshaking

Compatibility:

Monitors: DMP703 central processor and DMP704 system

Panels: Consult factory

Communications¹: RS485 to NFPA Style 7 distributed multiplex 4000 feet range or, with branching virtually unlimited

Power: 1. DC 8 - 27 VDC, 75mA,
2. IDC (isolated) 15-24V, 100mA
3. AC 108-132V RMS (isolate), 1A

Mechanical: 4.8" x 5.2" PC board Mount within FACP or locking enclosure - red or tan 11.375" x 11.375" x 3.5" in a PETBX for wall mounting

Shipping weight: PET box = 6 lbs, PC boards - DC/- IDC = 1 lb, - AC = 2 lbs

Environmental: Temperature range 0° to 49°C, humidity 0 to 85% non-condensing

¹Note: limit is 4Kft per EIA RS485; our low Baud rates do 10Kft between PETs with 18AWG wiring.



Keltron develops and manufactures secure, reliable, UL-listed fire and security alarm response management systems and components for the municipal and proprietary life safety markets. Products include radio fire alarm, coded fire alarm and high-line security systems, digital alarm receivers, universally compatible fire alarm control panel networking solutions and a full line of alarm annunciators. For more information, visit www.keltroncorp.com or contact us at 781-894-8710 X 26, or info@keltroncorp.com.

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