

Keltron DR703Le DACR Application Note

Overview

Keltron's DR703Le provides multiple monitoring functions for a wide variety of applications. The following are examples of situations that benefit from the DR703Le:

Examples and Benefits

Off-site signaling

Keltron offers a fully supervised configuration that provides outputs for all system faults, module failures and errors. Data and hardware outputs enable an operator at a remote location to monitor all incoming events and general system integrity. Full system supervision encourages confidence in overall system integrity for facilities managers who must operate the system from an unmanned location.

Reporting DACT alarms to fire alarm control panels (FACPs)

Keltron's DR703Le digital communicator receiver accepts alarm signals through a dial-up network from digital alarm communicator transmitters (DACTs) located in remote facilities and buildings. Automatic hardware outputs energize in response. A master FACP monitors each DR703Le relay output, using a separate input module, and annunciates the alarm including identification of both the originating location and the type of event.

Interfacing DACTs to a central station using a master DACT

A similar application substitutes a master DACT for the FACP in the above example, utilizing the DR703Le as a multiplexor. All DACTs at the multi-building complex report to the master DACT through the DR703Le prior to transmitting off-site to a contract central station for monitoring. This enables the customer to pay for monitoring a single account as opposed to paying for monitoring each building individually.

Keltron develops and manufactures universally-compatible, UL listed life safety event management systems for the campus, multi-building facility and municipal markets. Solutions include Ethernet (IP), cellular, active network (mesh) radio, dual-path, digital communicator/receivers, and direct wire signaling systems. For more information visit www.keltroncorp.com or contact us at 781-894-8710. ISO 9001:2015 certified. Made in the USA.

© 2021 Keltron Corporation. All rights reserved.