

Keltron Alarm Receiver to Keltron SDACT Interface

Overview

The Keltron Serial Digital Alarm Communicator Transmitter (SDACT) signaling interface was developed for facilities that need to add off-site signaling and monitoring to their facility-wide alarm receiving system. This UL listed, efficient and cost-effective system option is particularly useful for facilities with on-site monitoring during the day but with off-site monitoring at night or for facilities with roving guards. By consolidating central station monitoring accounts from multiple buildings or panels into a single account, the Keltron SDACT interface can substantially reduce monitoring costs. It can also serve as an adjunct to personnel that move throughout the facility.

Benefits

In combination with Keltron DMP703/4 alarm receivers, the Keltron SDACT interface provides integrated facility-wide alarm monitoring and comprehensive, consolidated off-site signaling that facilitates remote monitoring.

- Reduces monitoring expense
- Decreases manpower requirements
- Directs responders to incident location
- Increases efficiency by freeing up system operators for other activities
- Reduces capital expense by using existing equipment and supporting infrastructure
- Bridges the gap between legacy and state-of-the-art alarm signaling technologies
- Increases system visibility to improve overall facility safety

Features

The Keltron SDACT interface adds comprehensive off-site signaling ability to the extensive functionality provided by the universally-compatible Keltron alarm receivers. The Keltron SDACT interface features supervised, bidirectional communications between the Keltron SDACT and the Keltron alarm receiver, to provide the remote monitoring station with visibility into monitored events, connected systems status and overall system health.

The Keltron LS 7000 Alarm Management System accepts and monitors all industry-standard as well as Keltron unique alarm signaling technologies. The Keltron SDACT communicates via the public switched telephone network (PSTN) to any SIA format-compatible digital alarm communicator receiver or over a network connection using an SIA format-compatible IP-enabled DACT capture module, attaining true universal compatibility.

Keltron SDACT interface features include:

- Accepts multiple types of incompatible alarm signals
- Transmits to remote monitoring station in industry standard format
- Consolidates monitoring accounts at multi-building facilities
- Leverages existing manpower and increases efficiency
- Provides both on and off-site alarm monitoring functionality
- Suitable for attended and unattended facilities

How it works

When incoming events are received at the Keltron alarm receiver they are immediately queued up and transmitted to the Keltron SDACT for off-site transmission unless the event is programmed to remain local. In unattended mode, the Keltron receiver self-acknowledges or sounds the audible and displays the event pending manual operator acknowledgement in attended mode. Incoming events are converted to SIA DACT-signaling format using Keltron-designed mapping tables.

The Keltron SDACT can be programmed to transmit any available central station account number and that account identifies the overall facility. The standard Keltron alarm receiver to Keltron SDACT interface includes General Alarm and General Trouble relay outputs connected to the first two Keltron SDACT hardwired zone inputs. The Keltron SDACT also retains two additional supervised hardwired zones and three unsupervised zones suitable for power monitoring.

Options

The Keltron alarm receivers can be programmed at Keltron for full-time attended or unattended operation. The alarm receivers are also field-selectable in environments that require day/night modes of operation where the system is attended and monitored during the day and remotely monitored at night.

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.