

Group Arm/Disarm for Security Applications

Keltron offers an option to automatically arm/disarm a group of points according to a pre-defined schedule or manually via the Keltron operator touch screen to purposefully circumvent the standard programming within a security application. An example of an application of group arm/disarm is a door contact that is being used during normal business hours and should not be armed during that time.

How it works

Automatic arming and disarming of groups of points requires that a schedule be established and assigned to each group. Once each minute the system checks for any groups that are programmed and if the schedule is enabled or disabled. If the schedule is enabled, the system automatically determines if it is time to arm or disarm the group of points. If it is time to arm or disarm the points, this is performed automatically with no printout of armed or disarmed messages.

This option includes both the controller function and the editing function of the operations terminal. All controller actions are implemented using the easy-to-operate touch screen. Any editor functions are instituted using the keyboard, which restricts access to operators with proper clearance. Group numbers and group content may easily be edited using the plug-in keyboard. Arm/disarm schedules and lists of holidays are menu-driven and easy to program.

Manual control of a group's armed/disarmed status is a single action that requires a few entries using the touch screen. The printer records all manual arm/disarm actions and those may be recorded in the history option if it is installed. Disarmed points are listed by number only, during the display rotation.

The maximum number of groups is 128, schedules is 128, IDs per group is 128, disarm periods per day is 12, and holidays is 32.

The group arm/disarm function is a software option and can be added to systems in the field.

Supported alarm types

Direct connect - including reversing polarity, end-of-line resistors, tones transmitters, SI-07, and data gathering panels

Distributed multiplex transceivers

Important note

Input points used for fire alarm service should not be placed in a group, as they will not be disarmed. Since changes of status for disarmed points are not presented to the system operator or annunciated in any way, careful consideration and caution is advised when using the group arm/disarm option.

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.