



ALARM OUTPUTS

DOOR HELD VS. DOOR FORCED

OVERVIEW

DSX offers the ability to distinguish between a “Door Open too Long Alarm” and a “Door Forced Alarm”. This is especially useful for systems that use a digital communicator to report alarms offsite after hours.

Programming

- Requires 2 Inputs and Two Outputs.
- The Door contact is used to trip both Input 6 and 7 (in this example) when the Door is Open.
- The common for both Input circuits would run through the Door contact so when the Door is Open, both Inputs are faulted.

Input 6

- Acts as “Held Open” Input and will link to a discreet Held Open Output.
- Armed via Time Zone and given an “Abort Delay Time” of the desired “Held Open” time.
- When the Door has been propped open, it will go into alarm when the Abort Delay Time runs out.
- It will link to the Held Open alarm Output.

Input 7

- Acts as “Forced” Input and will link to a discreet Forced Output.
- Assigned the same Time Zone as Input 6 but with no more than a 1 second Abort Delay Time.
- Under the Device definition for this Door, program the “Open too Long Time” to “0” (zero) to provide an indefinite Open Too Long Time for Input 7.
- When the Door is forced, Input 7 will link on alarm to the “Forced Open” alarm Output or other response.