



The Centura X-ray NDT Alarm System

This alarm system monitors the door(s) of any room that has door interlocks that open when door opens.



When the operator is ready to leave the room, he must punch in a code, then leave room. As soon as the operator closes the last door, a 10 second alarm will go off and yellow light will turn on. After 10 seconds or another time period of your choice, the yellow light and alarm will shut off. Then the door interlock contact on the PLC will close and allow you to make an exposure. When you turn an exposure on, then the alarm x-ray red light will come on and the overhead x-ray on sign will come on if one is installed. As long as you don't open the lead door, you can turn the x-ray unit on again. But when the door or any door interlock is opened then the alarm is reset and you have to enter the code again before leaving room. The alarm abort switch can be pushed any time and you won't be able to make an exposure as long as the alarm abort switch is pushed in.

Key Features:

1. There is a 10 sec delay after the code has been entered for any personnel to exit the room or hit the abort switch.
2. You have to wait 5 seconds after exposure is over to enter the room or horn and yellow light will sound.
3. A code needs to be entered to start the sequence to keep unauthorized people from operating the x-ray system.
4. Abort switch: When pushed it resets the Alarm System and does not allow any exposure.
5. Testing: If the start button is held in for 4 secs or more then the red light, yellow light and horn will operate thus showing that all are working properly.
6. Flexibility: Three additional inputs are available if another dry contact safety device is wanted.
7. Monitoring: The Alarm System also monitors the low voltage door interlocks on one door. If any door switch is broken and shorted, the red light will come on warning that the low voltage door interlocks failed and maintenance should be called. Note: An additional door can be monitored but it will need to use two more inputs from #6.

Customer Price: \$3,500

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