



SW3 Alarm CntrP- How2

Revision 100

13 July 2021

Revision History

Version	Date	Person	Reason For Changes
001	2015-03-19	TDP	Initial – Open to Long
002	2021-07-13	MTL	Rewritten and renamed to SCS_sw3_Alarm_CntrP.How2

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1 AIM

The aim and goal of this .PDF document is to serve as addition help manual for the use of the Softcon program SoftWin3 (SW3).

This document complies to the new access control terminology.

Older versions of SW and Firmware use the older terminology:

Portal	Door
Portal Sensor	Action Complete
Request to Exit (REX)	Egress, PushButton
Lock	Latch

2 GENERAL

The Softcon Access controllers have numerous built-in functions that are performed locally.

This document described the Alarm (Buzzer) function, whereby an output is activated for the following:

- Portal open too long – required a portal sensor (action complete).
- Portal illegally opened – the controller did not release the lock.
- Illegal attempts – numerous access requests have been rejected (token not found, out of area, out of time).
- Universal mode can have additional local control, via multiple outputs (Alarm, Buzz, Chime):
 - Access : Ok, Failed, Random check fail, Illegal attempts, Duress
 - Intrusion for Modes : Disable, Enable, Near, Inside, Sleep
 - Input Level : Active, Normal, Illegal, TooLong, Failed

An access point can have the components (Legacy can have 2 of each, Universal up to 8).

Softcon controllers generally have 4 relay outputs, expandable to 125 in Universal mode.

- Reader / PinPad – access is requested, the lock is opened if granted.
- Portal sensor (required for open too long and illegal open).
- Request to Exit (REX) – push button for exit request.
- Lock – activated when access is granted via reader / PinPad request or REX.
- Buzzer (Alarm) – activated on Alarm functions indicated above.

Note that is only one Alarm output is set, Alarm 1 is used.

3 SETUP

3.1 LEGACY

Outputs type setting for lock is Latch 1, Latch 2 and for the Alarm - Buzz1 and Buzz2.
 In 1-door configuration (Reader on either side of the Portal), Latch1 and Buzz1 are activated.
 Port 1 to 4 = Relay 1 to 4.

User: administrator - [Outputs]

Description	L1 Name	L2 Name	Controller	Port	L_Type
1 Entry Door Lock	Open	Closed	Controller 1	1	Lock 1
2 EXIT Door Lock	Open	Closed	Controller 1	2	Lock 2
3 Entry Door Alarm	Alarm	Normal	Controller 1	3	Buzzer 1
4 Exit Door Alarm	Alarm	Normal	Controller 1	4	Buzzer 2

Latch polarity can be changed (LCR351-5 below).
 Buzzer polarity cannot be changed (see Universal).

Input type setting (L_TYPE) are required for the Portal sensors (Portal Sensor 1 and Portal Sensor 2 is 2 portals).
 REX is optional.
 Defaults are shown.

User: administrator - [Inputs]

Description	L1 Name	L2 Name	L3 Name	L4 Name	Controller	Port	L_Type
1 Entry Door REX	Push	Normal	Level 3	Level 4	Controller 1	1	REX 1
2 Entry Door Sensor	Open	Closed	Illegal open	Open too long	Controller 1	2	Portal Sensor 1
3 Exit Door REX	Push	Normal	Level 3	Level 4	Controller 1	3	REX 2
4 Exit Door Sensor	Open	closed	Illegal Open	Open too long	Controller 1	4	Portal Sensor 2

L_CR351-5 setup optionally set the following:

User: administrator - [L_CR351-5]

Controller	Doors	Latch sec	Latch 1	Latch 2	Portal	Too long	Attempts	Illegal Dis min	Buzz 1	Buzz 2
1 Controller 1	Two		5 Normal closed	Normal closed	Normal closed	10	5	10	Alarm	Alarm
2 zController 2	One		5 Normal closed	Normal closed	Normal closed	15	0	0	Alarm	None

Doors – set to 1 (one lock controlled by either reader / REX, one sensor, one alarm) or 2 door (2 locks, 2 sensors, 2 Alarms)

Latch Seconds – How long activated when access is granted.

Latch Polarity – Normally open (strike), Normally closed (MAG lock).

Portal – Sensor Polarity – Normally closed or open.

Too Long Seconds – Alarm after timeout.

Attempts – Number of illegal attempts before alarm, Access **Disabled** for set Minutes.

Buzz1, 2 – Alarm selection enables the alarm for Illegal open, Open Too Long and Illegal attempts.
 The beep option results in one beep for access granted and 2 for denied.
 Alarm + Beep does Alarm and Beep.

One of the ALARM options must be selected.

3.2 UNIVERSAL

See ABC document.