

Elite SX Access Control

Overview

Keypads for doors can be addressed as for normal alarm keypads and the outputs can either be outputs on the IF2 boards or on the alarm itself. When using the IF2 the keypad assignments are set by the dip switches on the IF2, the keypad addresses must be sequential when using on ESX. The outputs on the IF2 will match the keypad addresses. By default these keypads will arm and disarm the alarm so remember to turn this function off if not wanted. If you wish to use the disarm function only (for first in) then set turn off the Arm function at address P5070E to avoid toggling of the alarm state every time the door is opened by keypad.

It pays to use a separate power supply for the locks, there is an iPSU option for the IF2.

You will need to use a separate Time Zone and Alarm armed output for each door, for multiple doors sharing the same time zones, alarm override and power supply, you need only use one output each for the TZ and Arm override for all of those doors, ensure the relay used is able to switch the power needed for the number of doors.

NB Time zone control and Arm override will take priority over the IF2 control so the IF2 relay must be in series with these relays if the IF2 is to unlock the door outside the of the TZ.

Use the Output expander board which connects to the keypad bus, these relays have 10Amp contacts.

Time Zones

Time zones can be used to either auto unlock and lock doors or restrict keypad access to doors to set times.

P171E 1-32 (TZ number) sets the days the TZ is valid for 1= Sun, 2=Mon.... 7=Sat

P172E 1-32 (TZ number) TZ start time

P173E 1-32 (TZ number) TZ end time

Assigning the TZ to the doors.

You can use a different TZ for different doors, if you assign the TZ to an IF2 output this will override the IF2 so remember that if the IF2 is to allow access outside of the TZ then you will have to use a different output.

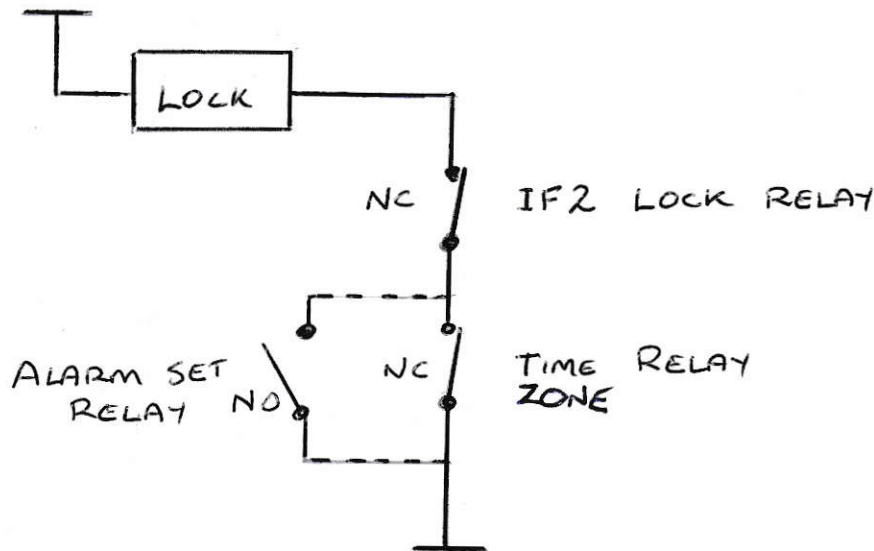
P44E 1-32 (output number) enter the time zones which control this output, enter as two digits.

When testing the TZ programming it must be remembered that the system has to go through the time set, so if the time has been set to a time earlier than it is now the system will not turn the TZ on. Temporarily set the time to one that is just after the current time and allow the system to pass through the time to activate. You can then set the start time back to the earlier time and the TZ will stay engaged.

Alarm Set override

This ensures the doors lock whenever the alarm is set which can remove the need for programming (and having to maintain) holidays. It also allows for people leaving early for whatever reason.

P47E 1-32 (Area number) Enter the outputs used to override the TZ outputs, enter each output as two digits.



Disabling Access KP Arming

By default the Access keypads will arm/disarm the alarm.

P5070E 1-32 (Keypad number) Turn 1 and 2 off to disable arm/disarm function

Access Groups

Users can be assigned to Access Groups which can limit what Outputs and therefore what doors they can open and when. You first assign the User to an Access Group and you then assign the Output (door) to the Access Groups.

P1033E 1-2000 (user number) Access Group 1 – 32

P3101E 1-32 (3101 = Output1) then 1-32 relates to the Access Group assigned to that Output, you can then assign a schedule of 1-32 to that output/access group combination.
0=none 33=24/7

P3102E 1-32 (Output2)

P3103E 1-32 (Output3)