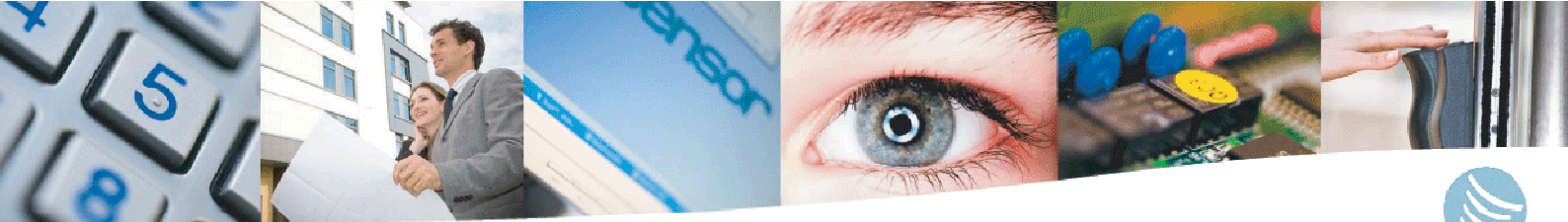# X-PIN & X-PROX

Install Guide

The X-PIN is a single door controller which uses PIN only. The X-PROX is a single door controller that uses PIN and proximity technology. All electronics are within the housing of the reader. The X-PIN and X-PROX can be connected to a door contact and request to exit button to allow the system to send a signal to a sounder in case the door has been forced or left open.
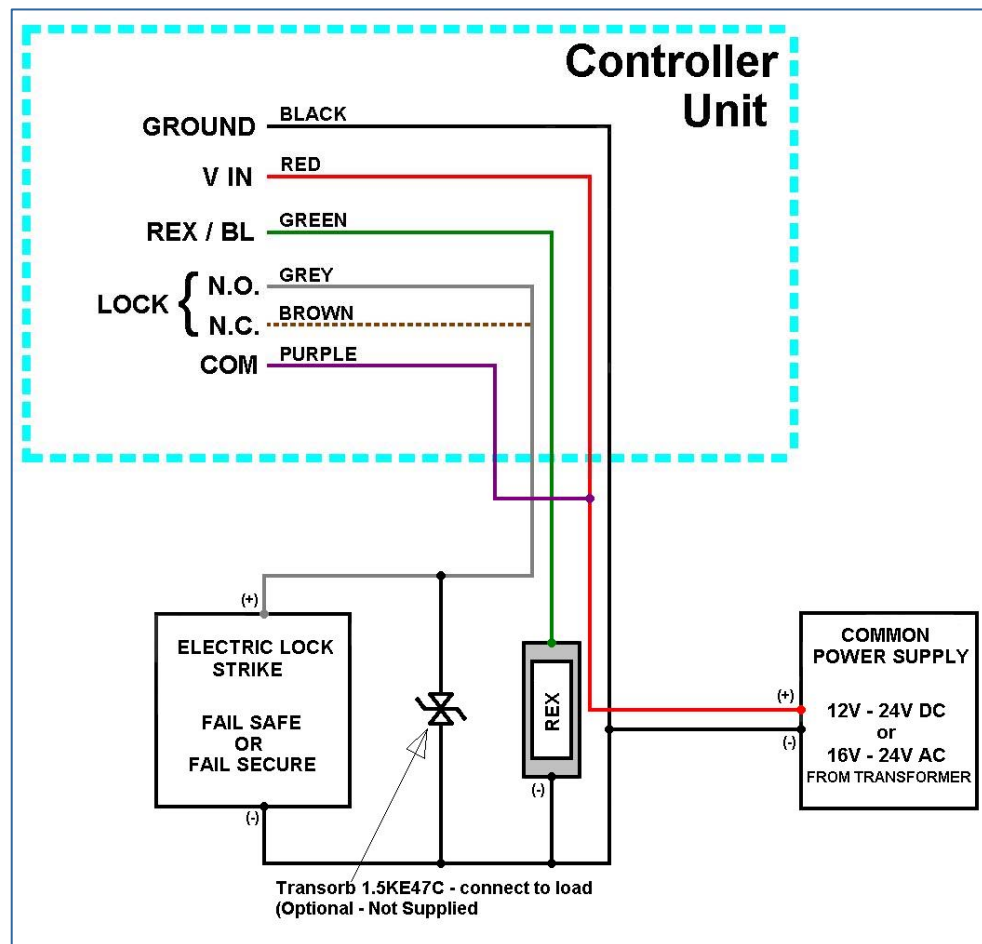
		X-PIN	X-PROX
Input Voltage	VDC	12vDC-24vDC	12vDC-24vDC
	VAC	12vDC-24vAC	16vDC-24vAC
Maximum Input Current (12vDC)	Heater On	130mA	145mA
	Heater Off	610mA	625mA
Standby Input Current (12vDC)	Heater On	70mA	85mA
	Heater Off	550mA	365mA
Maximum Relay Current		2A	2A
REX Input		Normally Open	Normally Open
Aux Input		Normally Open	Normally Open
Max Proximity Read Range		N/A	65mm
Proximity Card Compatibility		N/A	SP-SHL, SP-ISO, SP-KEY, SP-DISC
LED Indicators		Two 3 Coloured LED	Two 3 Coloured LED
Operating Temperatures		-20°C to 60°C	-20°C to 60°C
Outdoor Usage		Meets IP64	Meets IP64
Dimensions		120mm (H) x 76mm (W) x 22mm (D)	
Weight		521g	

X-PIN & X-PROX

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Colour	Description
Red	V Input
Black	Ground
Green	REX/BL
White	In/Monitor
Purple	Lock : Com
Grey	Lock : N.O.
Brown	Lock : N.C.
Blue	Aux : Com
Yellow	Aux : N.O.
Orange	Aux : N.C.

MODES OF OPERATION

Normal Mode (Default)

• Mode indicator is green.

In normal mode, the door is locked until a valid primary code is presented to the controller. The controller can only be programmed in normal mode.
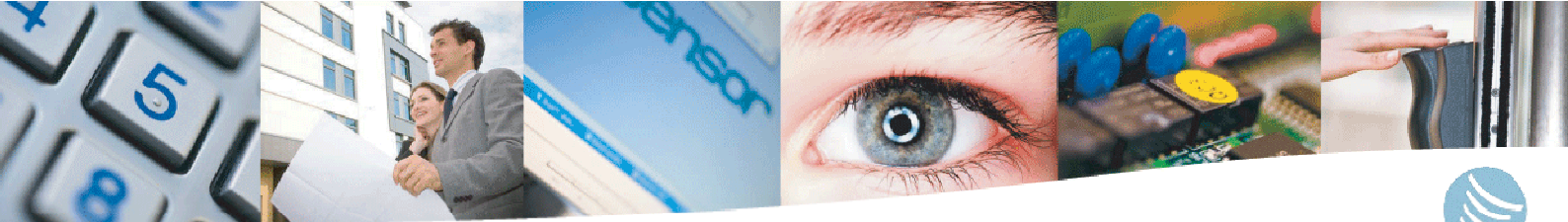
Secure Mode

• Mode indicator is red.

Only secure and master users can access the premises in secure mode.

USER LEVELS

The X-PIN & X-PROX Access Control units accept up to 500 users and provide entry via the use of codes or cards.

Normal User - A normal user only has a primary code and is granted access only when the controller is in its normal or bypass mode

Secure User - A secure user must have a primary and secondary code assigned, and the two codes must not be the same. (please see User Manual for more information)

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SWITCHING OPERATONAL MODES

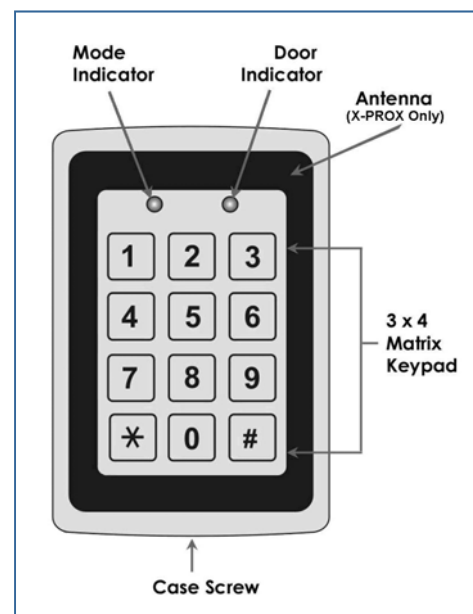### From Normal to Secure Mode / From Secure Mode to Normal

The default factory setting for the normal / secure code is 3838

1) Enter the normal / secure code
• Mode indicator will flash red (normal to Secure) or flash Green (Secure to Normal)

2) Depress the # key to confirm the Mode change
• Mode indicator is red to confirm in Secure mode/ or green to confirm Normal Mode

STANDARD METHOD FOR ENROLLING

1) Enter the programming mode.

2) Depress 7 to enter Menu 7.
• The Door indicator will turn orange.

3) Enter the 3-digit user slot number into the memory (from 001 to 500) so as to enroll a primary or secondary code.
• *For example, the user slot 003 represents user no. 3.*

4) At this time three possibilities exist:

a. If the selected slot has no primary code, the Mode indicator will flash green, indicating that the controller is ready to accept a primary code.

b. If the selected slot already has a primary code, but no secondary code, the Mode indicator will flash red, indicating that the controller is ready to accept a secondary code.

c. If the selected slot already has a primary and secondary code, a long beep will be heard and the controller will return to its normal mode.
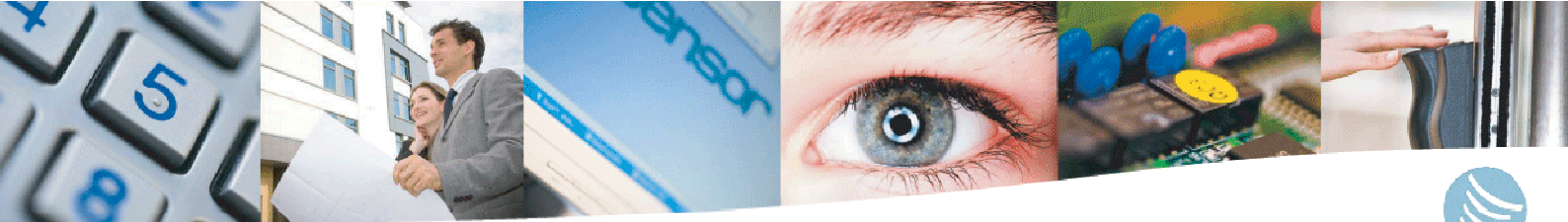

5) Enter the code to be assigned as the primary or secondary code for this slot number. If the code that is entered is valid, the Mode indicator will cease flashing and the controller is ready for the next 3-digit slot number (step 3) or depress the **#** key to move to the next slot number (step 4). If you do not wish to continue enrolling codes, depress the **#** key twice and the controller will return to its normal mode.

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DELETING CODES

When deleting a user slot, both the primary code and the secondary code are erased.

1) Enter the programming mode.

2) Depress 8 to enter Menu 8.
- The Mode indicator will turn red.

3) Enter the 3-digit user slot code to be deleted.

• The Mode indicator will flash red, indicating the controller is waiting for a programming code to confirm the deletion.
If the user slot is empty, a long beep will be heard and the controller will return to its normal mode.

4) Enter your programming code to confirm the deletion. If the programming code is valid, three beeps will be heard
and the controller will return to its normal mode.
If the programming code is invalid, a long beep will be heard and the controller will return to its normal mode.

For the full User Manual please go to:
public.sensoraccess.co.uk