Type AS5 V 5-2-0: Commission Instructions: Models LS300 + LP & LS220B + LP + ELP & LSW-LP

- 1. Ensure the automatic door operator is fixed securely. Check that the doors are hung plumb and moves freely to both the fully open and fully closed positions.
- 2. Check that the floor guide and anti-rise wheels (for sliding units) are not too tight and that they do not impede door travel in any way. Adjust the door height if needed to provide adequate floor clearance (approx 10mm). If fitted, ensure the manual lock engages with ease.
- 3. Set the mechanical end stops securely and in position to avoid any possible entrapment as per AS5007-2007. Ensure no debris is left inside the track where it might damage the track wheels
- 4. Wire up all switches and sensors as per the diagram below and fit off in the positions decided upon by the customer or builder. Refer to the separate switch and sensor cabling manuals for more details. Always make every effort to mount the digital keypad in a location easily accessible by the end user and future technicians to allow a reset to be performed when required and also to assist with fault diagnosis. If this is not practical, please ensure a secondary reset switch is installed in an accessible location so this requirement can still be met (see terminal block CN4 on the diagram below).
- 5. Set all mode switches to Auto and turn the mains power on. The door should slowly open first. If it closes instead (first ensure the digital mode pad is set to Auto mode, see step 8) then switch mains power off and swap the motor polarity by swapping the cables connected to CN10 terminals 7 and 8. Operate the door several times to ensure all switches and sensors are connected correctly then connect the backup batteries.
- Adjust the operating settings accessed by pressing the Setup key on the mode pad followed by the 4 digit Master Code (included on the Commission WO). Using the up or down arrow keys, select "Setup: Params" or "Setup: Functns" and then press the enter key to delve into the selected section. Use the arrow keys to cycle through the parameters or functions. Press the Enter key to select or the Exit key to escape. Once a parameter or function has been selected, use the arrow keys to cycle through the various options. Press the Enter key to retain the change or the Exit key to discard. See the attached comprehensive list of parameters and functions for further details on their operation. When all settings have been adjusted as required, press the Exit key until the keypad displays "Saving Changes."
- 7. To change the operational mode, press the Mode key and enter the local user code (default code 1234). The mode first displayed is the current operational mode. Use the Mode key to cycle through the mode options and when the desired mode is displayed, press the Enter key to confirm the change. Test the door operation in each mode.
- 8. If the keypad is located in a ceiling cavity or is otherwise inaccessible to the end user, please disable all service warnings and buzzers (see the attached comprehensive list of parameters and functions for further details).
- 9. Explain the door operation to the customer and have them inspect all work before they sign your report.

Please note that all parameter and function changes should only be carried out by competent and trained personel in order to avoid injuries and accidents. The Commission is to be carried out according to AS5007 and BCA requirements with particular emphasis on the safety and emergency egress requirements.

Brief Summary of Mode Pad Functionality

Modes: Open, Auto, Exit, Lock and Manual. Can also display at times: Safe, Learning and Test.

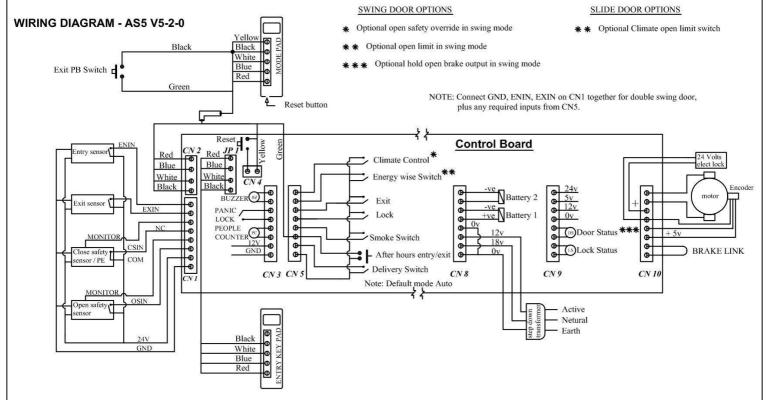
Setup Local (user code): Alarm Silence for 48 hours, user pass-code change, Managed Lock mode, Time and Date setup, people Counter, Door Registration and Diagnose Faults Setup Parameters (master code): Open and Close Speeds, Trims and Braking, Dwell Times and more. See attached comprehensive list of parameters and functions for further details. Setup Functions (master code): Safety Sensor Relay Output, Buzzer and Alarm settings, Service Warning and Interval, Exit and Mode key options, Partial Open options, Lock Type and more. See attached comprehensive list of parameters and functions for further details.

Factory Setup (factory code): Serial Number Adjustment, Master Code Adjustment, Door Type, Factory Reset and more.

Reset Methods: 1) Press and hold the number 2 until the screen displays "Confirm Reboot" then press Enter.

- 2) Press reset button located on the underside of the keypad.
- 3) Disconnect mains power for 30 seconds and then re-connect it.

Note that if the door was in Locked mode before the reset, it will attempt to close and lock itself before waiting for the mode to be changed or the exit button to be activated which then



Note:

DOCUMENT NOTES

1) All control inputs to CN5 from fire alarm or security systems MUST BE VOLTAGE FREE, see related documentation for further details.

2) If a keypad is left disconnected for more then 10 minutes or an incompatible keypad is used, the controller will lock itself in Exit mode until a compatible keypad is connected. This behaviour can be disabled in the Factory Settings.

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***** ALL CONNECTIONS MUST BE NORMALLY OPEN AND VOLTAGE FREE

Fig 1: Location of Terminal Block CN5 on Control Board

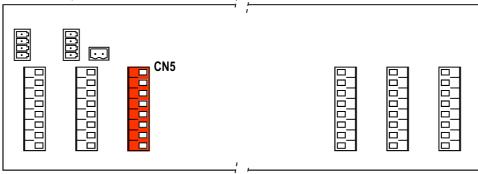


Fig 2: Fire Alarm Connection Diagram

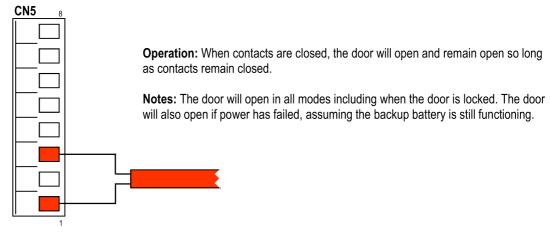
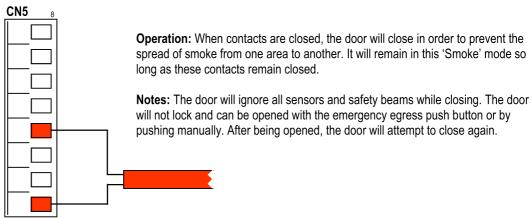


Fig 3: Smoke Alarm Connection Diagram

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ALL CONNECTIONS MUST BE NORMALLY OPEN AND VOLTAGE FREE

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> BMS, Security & Fire Alarm Connection Instructions

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**** ALL INPUTS MUST BE <u>NORMALLY OPEN</u> AND <u>VOLTAGE FREE</u> *****

Fig 4: Location of Terminal Blocks CN5 and CN9 on Control Board

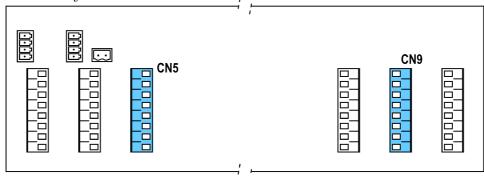


Fig 5: Open Mode Control Input Connection Diagram

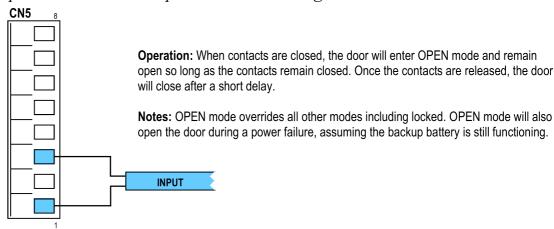
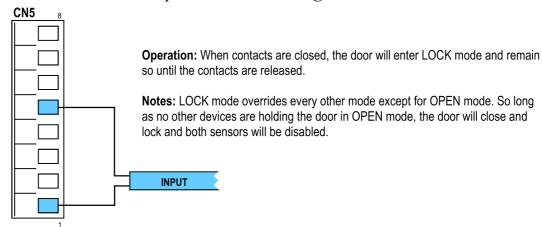


Fig 6: Lock Mode Control Input Connection Diagram

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***** ALL INPUTS MUST BE NORMALLY OPEN AND VOLTAGE FREE *****

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**** ALL INPUTS MUST BE <u>NORMALLY OPEN</u> AND <u>VOLTAGE FREE</u> *****

Fig 7: Exit Mode Control Input Connection Diagram

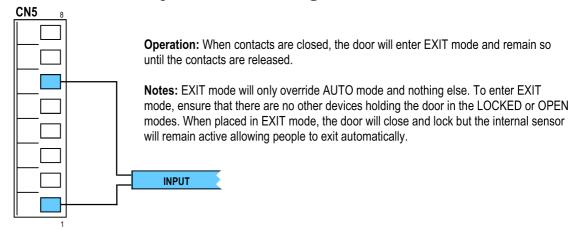


Fig 8: Open Status Output Connection Diagram

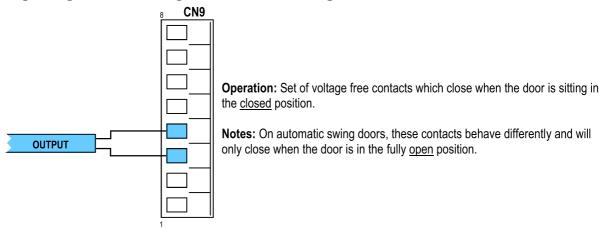
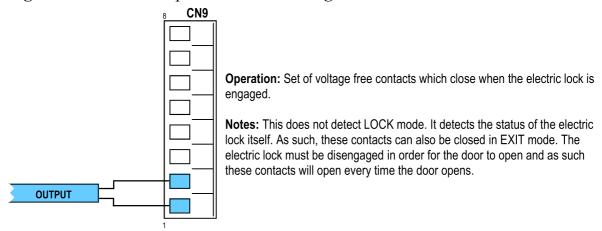


Fig 9: Lock Status Output Connection Diagram



**** ALL INPUTS MUST BE NORMALLY OPEN AND VOLTAGE FREE *****

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AUTOINGRESS
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