

NUMERIC DIGITAL TO APEX CONVERSION

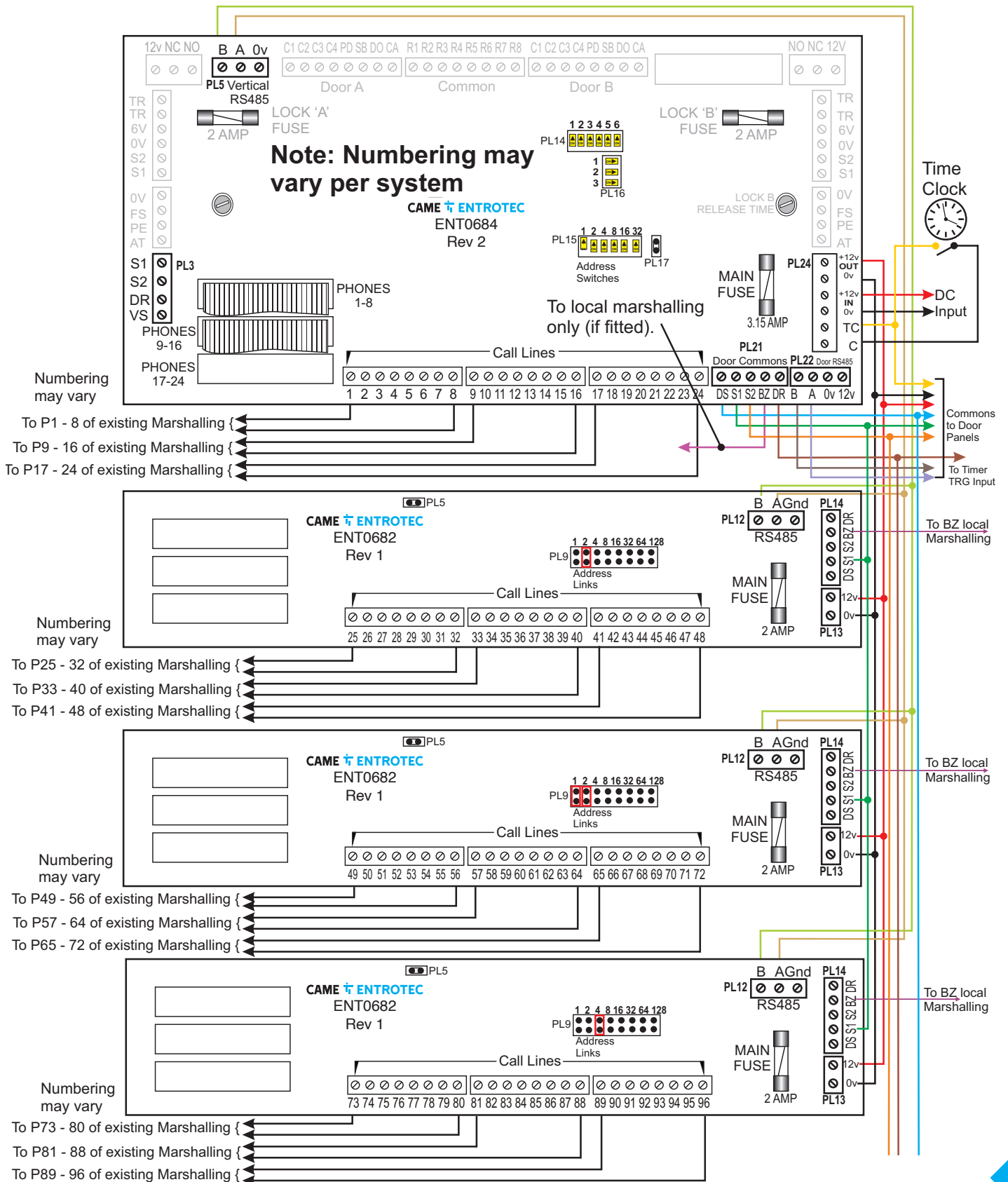
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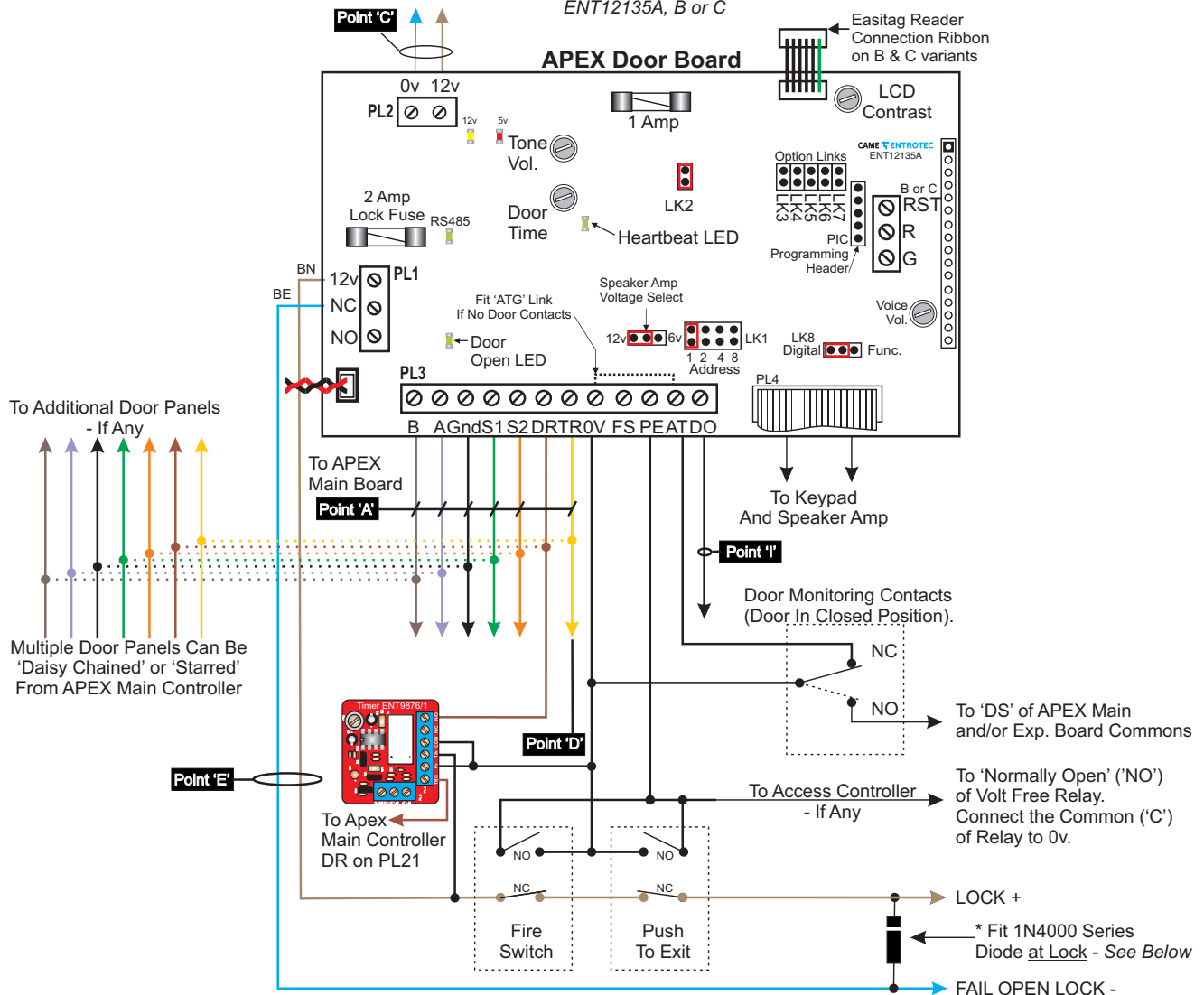


Note: It is preferable to site digital expansions ENT0682 PCB's within the local marshalling boxes and not in the main control box. This reduces cable requirements considerably.

APEX SCHEMATICS - TERMINATIONS

APEX DOOR PANEL WIRING

For Boards:
ENT12135A, B or C



WIRING

- Point 'A' : Door Data / Speech / Door Release**
6 Pair CW1308 - Any unused cores to be tied to system ground
- Point 'C' : +12v / 0v Supply**
2 Cores 1.5mm2 (+ Earth)
- Point 'D' : 'Normally Open' Trades Time Clock Signal**
1 Core of CW1308 (Use Point 'A' 6 Pair) - Can Be Wired Straight From Time Clock
- Point 'E' : +12v / 0v Supply for Locks**
2 Cores 1.5mm2
- Point 'I' : 'Door On' Signal (Lo When Door Panel Calls)**
1 Core of CW1308 - Use if Required To Switch Video

MULTIPLE DOORS

APEX systems can have up to 16 Digital / Functional (with LCD) doors per APEX main board. Each door board connected to a main board should be uniquely addressed - See Below.

On large systems, digital door panels can be connected to any APEX main board on the system where convenient.

Functional panels (with LCD) must be connected to the APEX main board it is to call.

JUMPER LINK SETTINGS

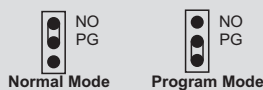
Address Links

Each door board connected on a main board should be uniquely addressed (address links are 'LK1'). These are factory set where possible.

To set as:
Door 1 = Link 1 in,
Door 2 = Link 2 in,
Door 3 = Links 1 & 2 in etc.

Coded Access Program Link

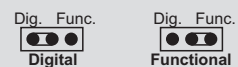
LK3 Allows the 'Master Code' to be reprogrammed.



Refer to installation manual for full coded access instructions.

Digital / Functional Select Link

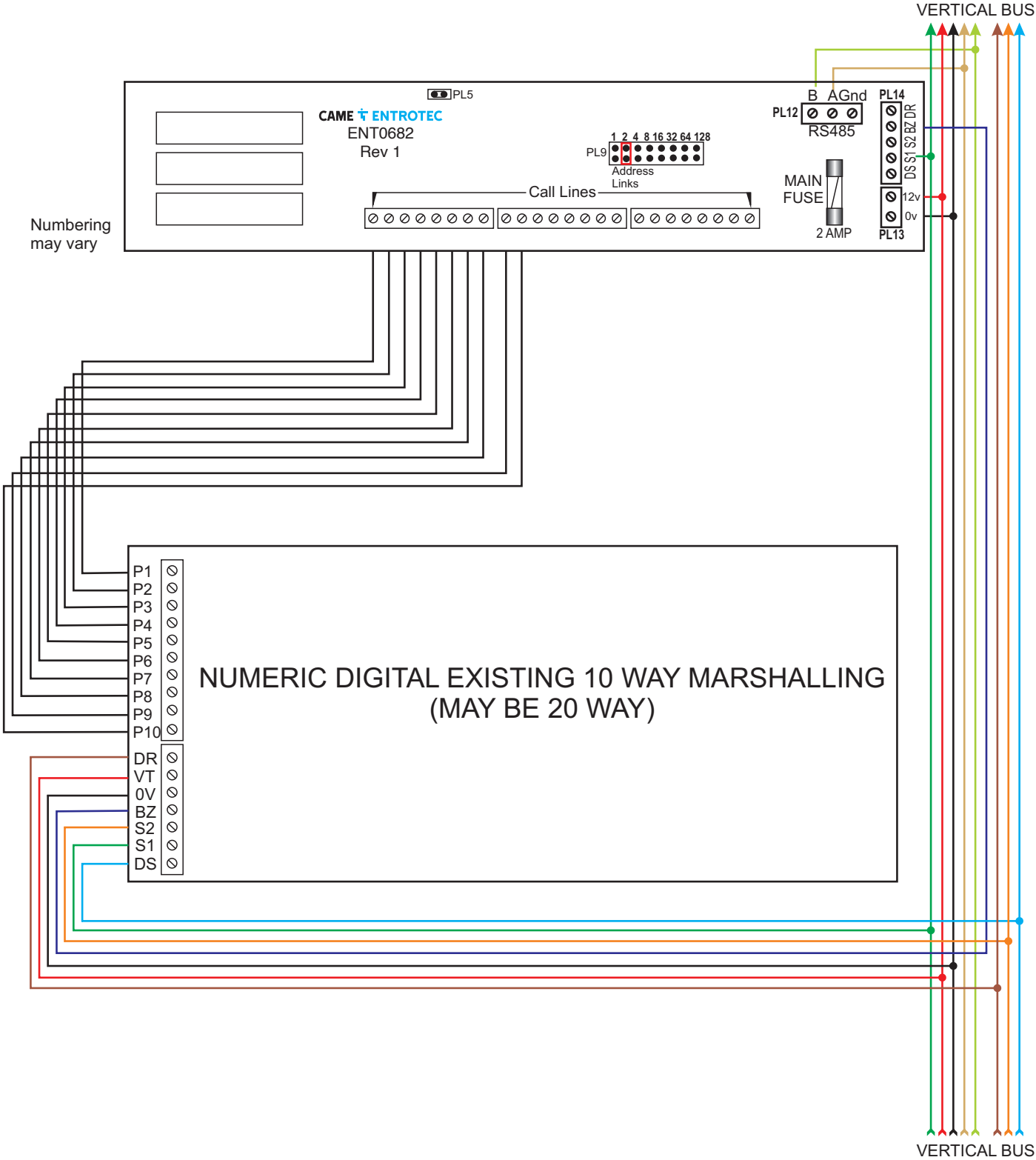
LK4 Selects if door panel is 'Digital' or 'Functional'.



This is factory set depending on panel type and should not normally be changed.

* CAME Entrotec recommend the use of locks with built in suppression.
If such a lock is not being used it is ESSENTIAL to fit a 1N4004 diode AT THE LOCK. FAILURE TO DO SO MAY DAMAGE THE BOARD AND INVALIDATE ANY WARRANTY.

TYPICAL MARSHALLING BOX WIRING



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