



**Warning**

Only qualified persons should attempt to install and wire this unit. Isolate from the mains supply before opening the enclosure. Wiring the unit wrongly will invalidate any warrantee. Unit operating instructions will be found in the system manual.

**Installation instructions;-**

The power supply / controller unit is for internal use only and must only be fitted in a dry, well ventilated area. It should be fixed to a substantial structure using fixings suitable for this structure. The reader may be sited outside.

**Wiring instructions;-**

- Mains power must be fed from a fused source (3A) which should be independently isolated in accordance with current wiring regulations.
- The mains wire must be fed through a suitable strain relief gland in accordance with current wiring regulations.
- This unit must be earthed.
- Reader connections J15;- Idesco;-  
1 - White  
2 - Violet  
3 - Black  
4 - Pink  
The other wires are unused
- J13 'Door 1 output' ensure terminals 1&2, 3&4 are shorted if the fire alarm relay contacts or break glass are not fitted.  
Fail open devices should be connected to terminals 5 &8, fail locked devices should be connected to terminals 6&8. If a voltage free contact is required use terminals 5,6&7 accordingly. For connection to the locking device; suitable gauges of wire should be used dependant on current and length of run. Please remember to include the distance to break glass and fire alarm relay in your calculations.
- J10 'request to exit' Terminals 1&2 should be shorted to switch for the required time - software defined; please see the manual.
- A 2A ceramic 20mm fuse should be fitted.
- SW1 Push the button to open the serial port for programming. (A card of sufficient authority will have the same action.
- A 7AH 12V sealed lead acid battery is recommended for power backup. This should be connected to the black and red leads from the power supply board attached to the lid. Please ensure correct polarity

Please Note; items marked (op) are optional features not activated in this standard.

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	TITLE <b>External controller wiring diagram</b>		
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