Light02 Example

A Much Better Idea : Logical : Unique



The Light02 example builds on the simple corridor lighting control scheme Light01, and adds a timer to control the on-time of the lights. This is the second example used in the AmbiL_PLC tutorial.

Adding a timer which works in an intelligent way and does not interfere with the basic operation of the changeover and intermediate switches is not a trivial control task if it is tackled with normal electrical hardware (timer and standard relays). AmbiLogique can accomplish this with just 3 functions: a timer, a D-Latch and an XOR gate.

The explanation of how the system works, together with a diagram of the corridor and its layout, are all included on the one-sheet diagram.

AmbiLogique Ltd 1812 Opunake Road, RD29, Hawera 4679, New Zealand

+64 6 764 6567 ph

www.ambilogique.com

sales@ambilogique.com



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