

I-ECC8



KIOSKcomponents

Data sheet

Candle Controller / 8 channels

INEX's Candle Controller is a part of the *KIOSK components* series of boards which allow kiosk designers to add functionality to their kiosks quickly and effortlessly. I-ECC8 is a solution for controlling candles used in kiosk illumination and alarm systems.

Features

- Allows controlling up to 8 12V candles
- +12V power supply
- May work either autonomously in accordance with a pre-programmed scenario or while being dynamically controlled from a host via USB
- Optional DIN housing
- Works with Windows XP / Windows 7 / Windows 8, 32 / 64 bit

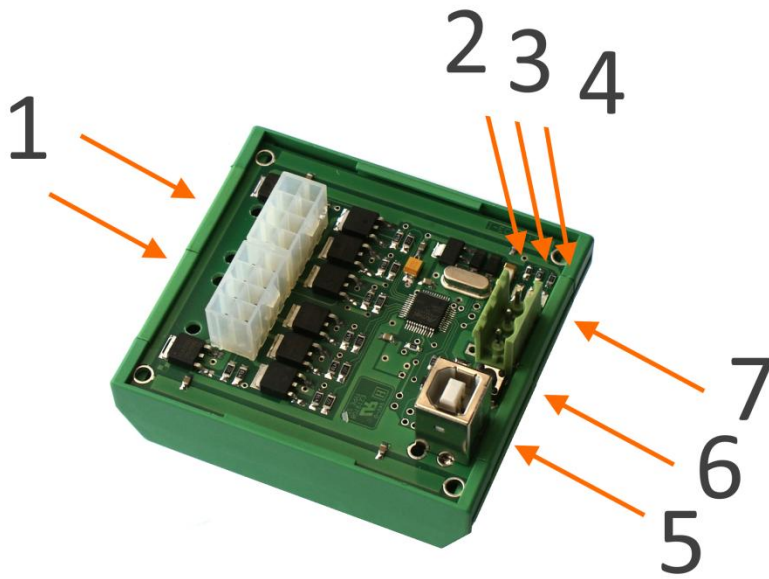
Windows Integration (PC interface)

- Driver (IEdrive) provided
- Test / Demo application provided

Technical Specification

Power supply:	12V on the terminal block
Outputs:	2 x 8-pin Mini-Fit® Jr™ 5569 connectors
Controlled through:	USB B
Max. output current:	2A (all channels combined)
Size:	3.44 x 2.84 x 0.64 in

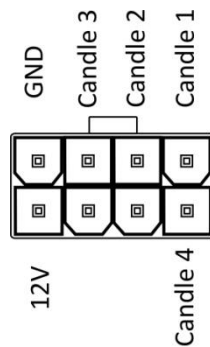
I-ECC8 design



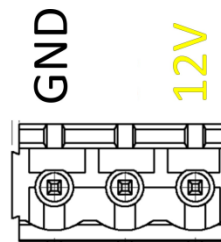
1. **8-pin Mini-Fit® Jr™ 5569 connectors** used for connecting the candles to the board
2. **Blue LED** which is lit up when 12V DC is supplied
3. **Red LED** which blinks when the processor is working or glows with solid light when 5V DC is supplied
4. **Green LED** which signals data transfer between the PC and I-ECC8
5. **USB B port** used for connecting the I-ECC8 to the PC and providing power supply
6. **Reset button** allows to reset the board
7. **Terminal block:** used for supplying power to I-ECC8

Connection diagram (board view)

The diagrams below show how to properly connect candles and supply power to I-ECC8. Note! Make sure that power is applied correctly as failing to do so will damage the board and render it unusable.



8-pin Mini-Fit® Jr™ 5569



Terminal block

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