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1. Access

1.1. Access – Wiring Diagram (CR00 / CR-D1)

The diagram shows the connection of the access module (reader with button and display) to the system via the TGP controller.

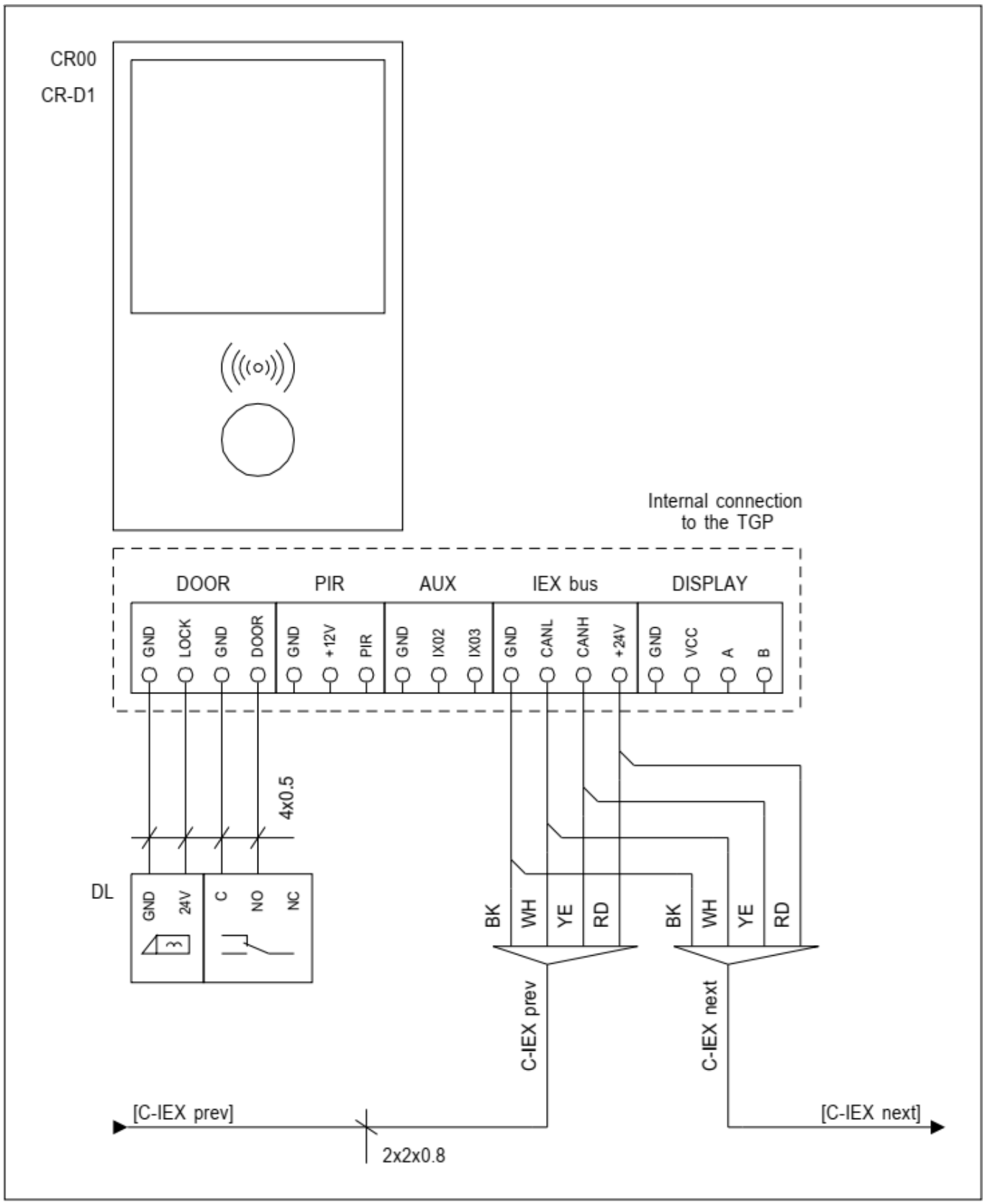
The terminal block is divided into functional sections:

- **DOOR** – connection of the door lock (LOCK, GND) and door contact (DOOR)
- **PIR** – input for presence sensor (+12V supply and PIR signal)
- **AUX** – auxiliary inputs/outputs for additional functions
- **IEX bus** – communication bus (CAN, +24V, GND) for integration with other system devices
- **DISPLAY** – power supply and communication for the display (VCC, GND, A, B)

The diagram also includes:

- **DL (door lock)** – example wiring of an electric lock (24V, NO/NC contacts)
- **IEX bus daisy-chain** – connection to previous and next devices in the network (prev/next)

This diagram defines the basic topology for connecting the access unit, including power supply, door control, presence detection, and communication with the central controller.



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access_v1.0.0.pdf

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