Robotina d.o.o.
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

1. Access

1.1. Access – Wiring Diagram (CR-D1-B)

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

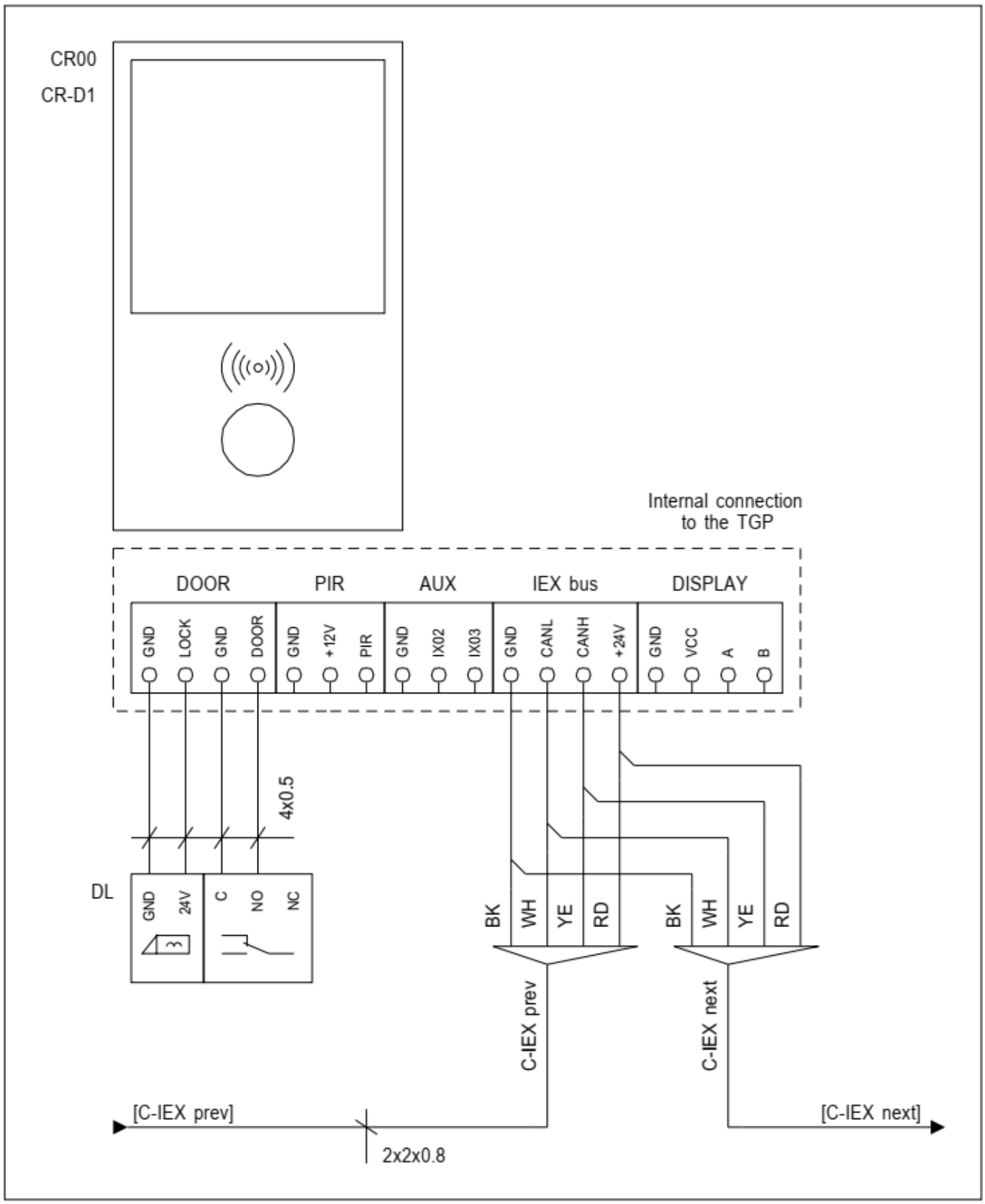
The terminal block is divided into functional sections:

- **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)
- **Door sensor** – connection of door contact for status monitoring (open/closed)

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



Downloads:

access_v1.0.0.pdf

access.zip