

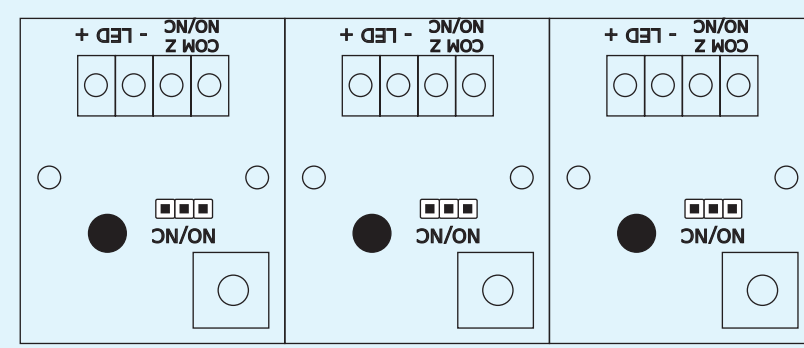
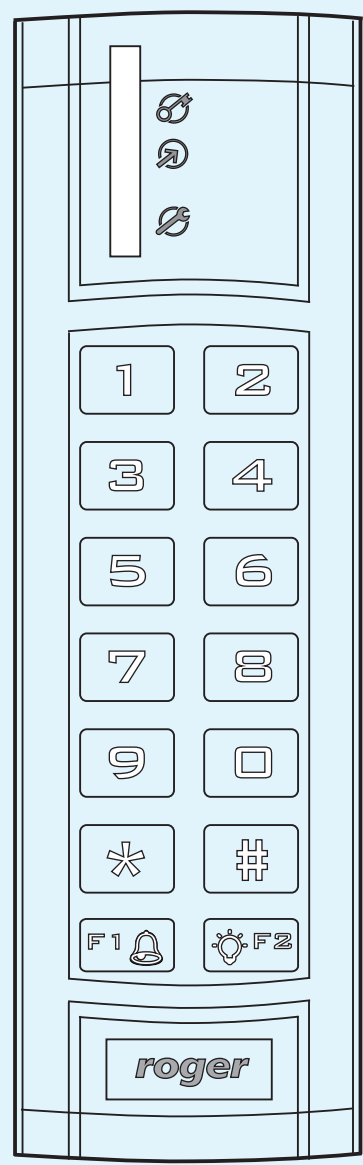
# RACS 5 Access Control System

## Demonstration Board DB-6A

**roger**<sup>®</sup>

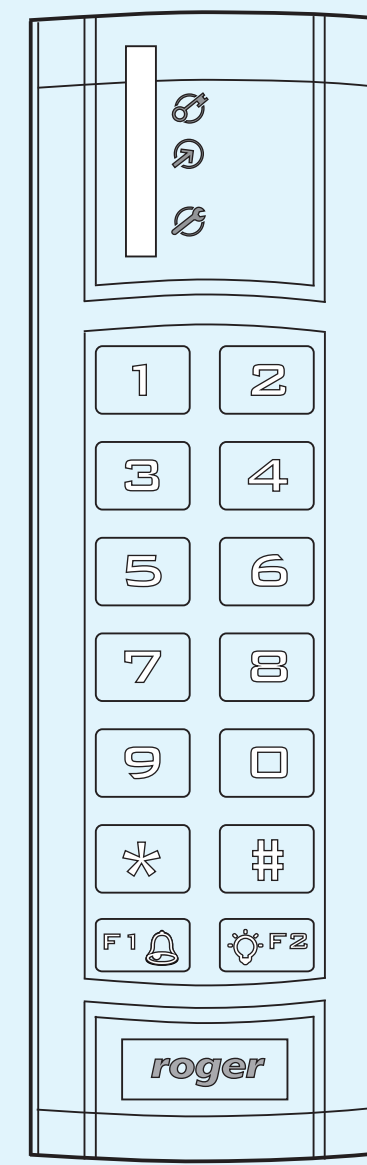
Intelligence for Building

**MCT12M-IO**  
RFID Reader  
with Keypad  
and Onboard  
I/O Lines

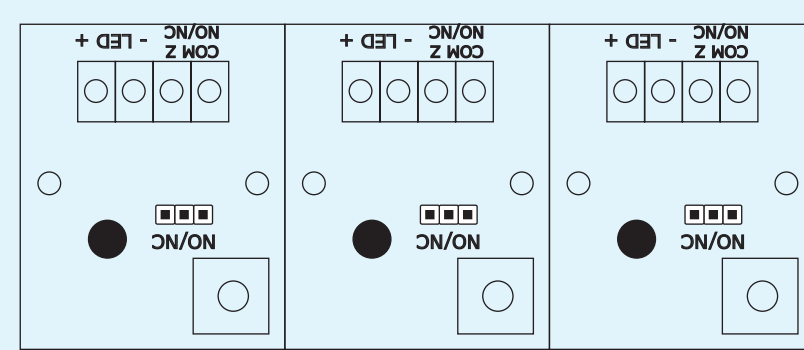


IN1/OUT1 IN2/OUT2 IN3/REL1

**MCT12M**  
RFID Reader  
with Keypad



**MCT82M-IO**  
RFID Reader  
with Keypad  
and Onboard  
I/O Lines

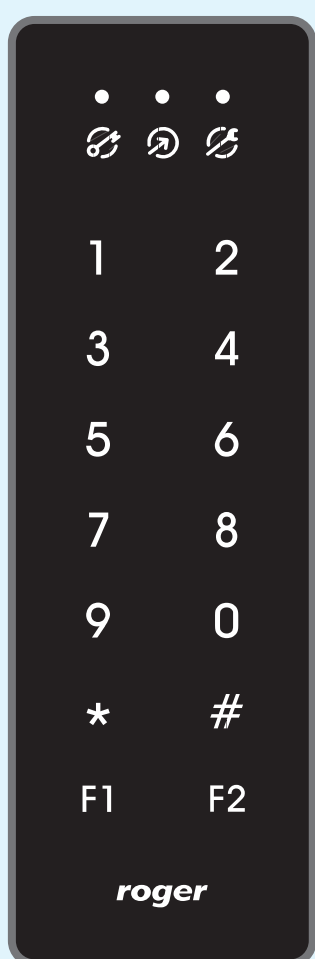


IN1/OUT1 IN2/OUT2 IN3/REL1

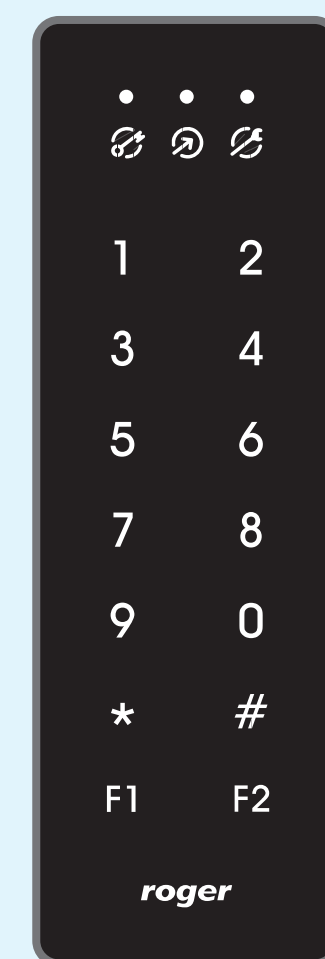
**MCT82M**  
RFID Reader  
with Keypad



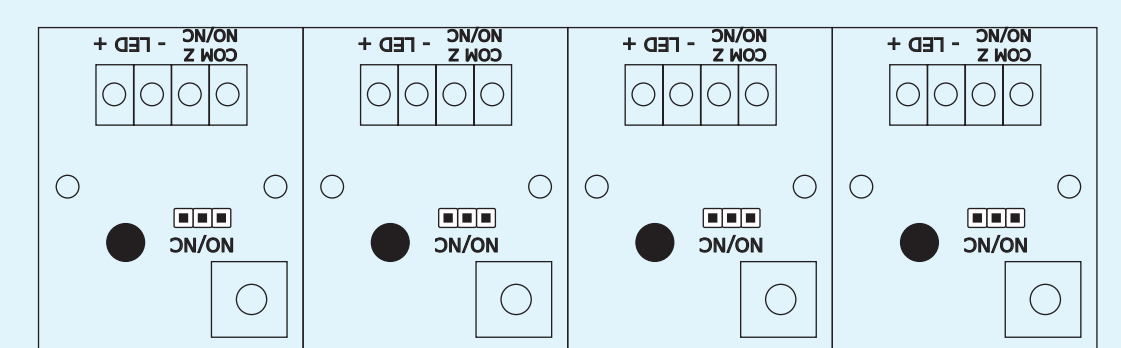
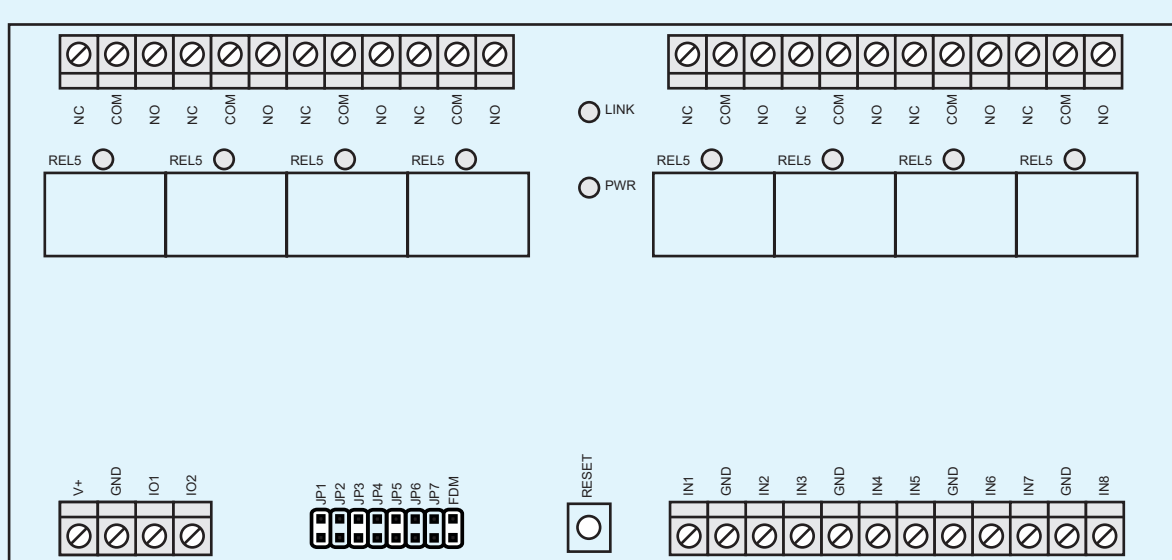
**MCT84M**  
RFID Reader  
with Keypad



**MCT84M**  
RFID Reader  
with Keypad

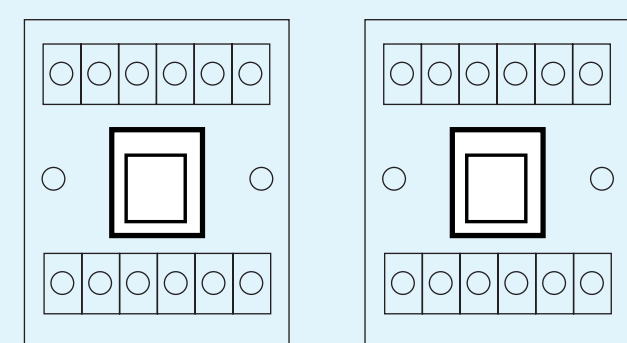


**MCX8**  
I/O Expander

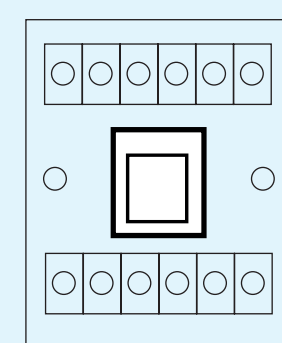


IN1/REL1 IN2/REL2 IN3/REL3 IN4/REL4

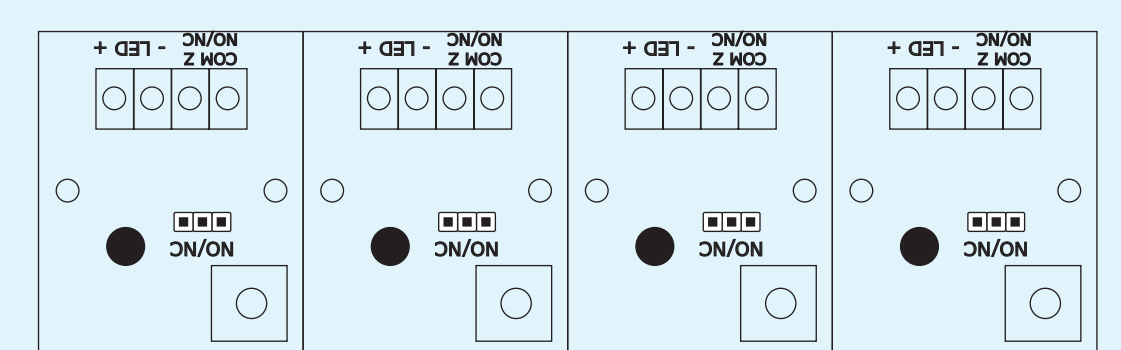
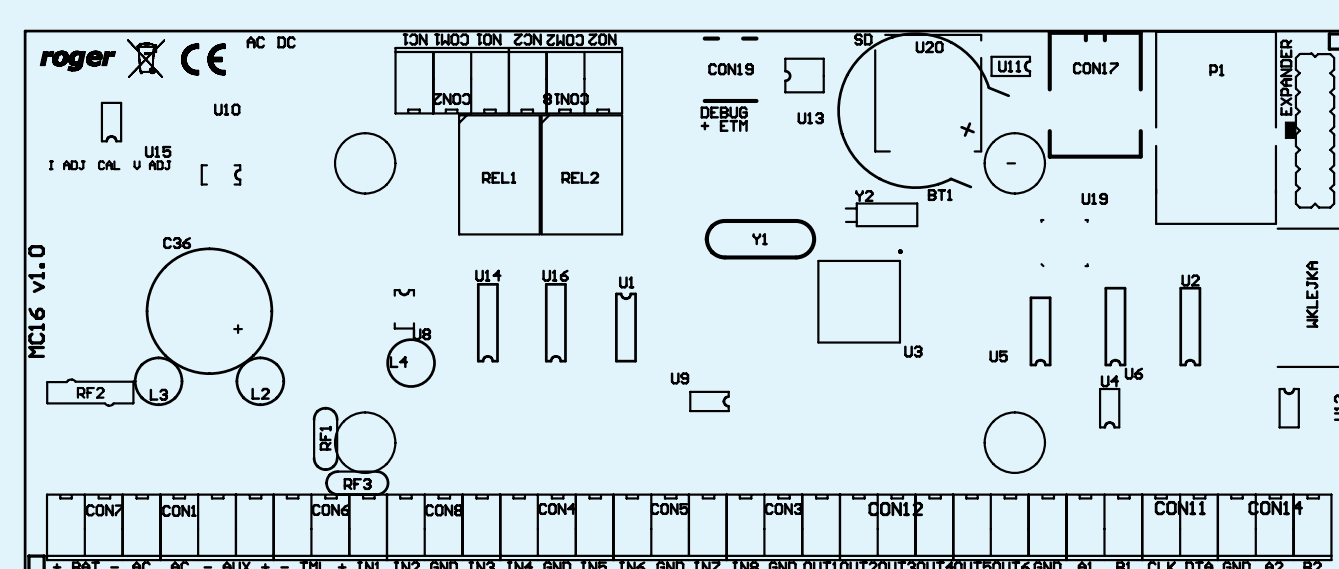
**Wiegand 1**    **Wiegand 2**



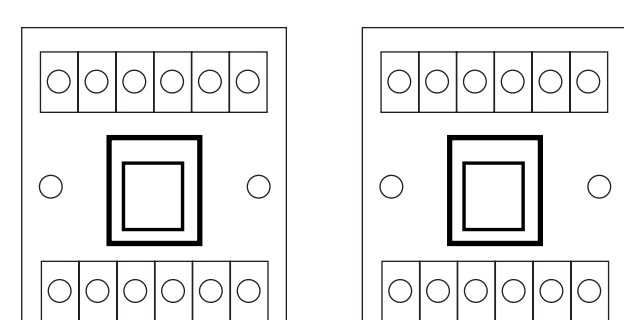
**RS485 A**



**MC16**  
Access  
Controller



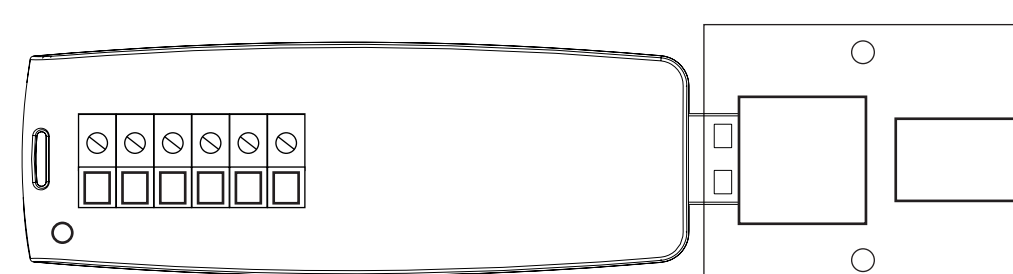
IN5/OUT5 IN6/OUT6 IN7/REL1 IN8/REL2



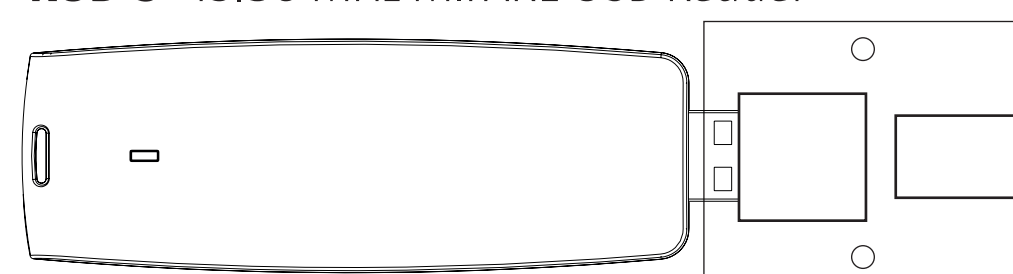
RS485 B

RACS  
CLK/DTA

**RUD-1** USB-RS485 Communication Interface



**RUD-3** 13.56 MHz MIFARE USB Reader



**Legend**

- RS485 Communication Bus
- I/O Lines
- RACS CLK/DTA Communication Bus

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