



MCT82M series readers are indoor identification terminals designed for use in the RACS 5 access control system. MCT82M terminals allow both reading of the factory serial number of the proximity card (CSN) and the programmable number stored in the encrypted memory sectors on the card (SSN). Readers in the IO versions are equipped with a set of input and output lines, which in most cases provide complete operation of the passage without using inputs and outputs located on the access controller or expansion module. Communication with the controller is carried out via a modified RS485 standard,

which allows star and tree-type wiring structures. The cable connection between the reader and the access controller can be up to 1200 m long and can be made using any signal cable. Configuration of the device and update of the built-in software (firmware) is carried out via the RS485 interface and RogerVDM program (Windows). The front surface of the reader is made of glass, so it is characterized by high scratch resistance and a high level of aesthetics. The reader's stylistically neutral design line makes it blend well into classic and modern interiors.

Features:

- RACS 5 system access terminal
- use of encrypted sectors of MIFARE® Ultralight/Classic card
- RS485 interface with EPSO 3 protocol (RACS 5 system)
- reading distance up to 7 cm
- 3 LED indicators
- touch keyboard ⁽²⁾
- 4 function keys ⁽²⁾
- 3 parametric inputs ⁽¹⁾
- 2 transistor outputs ⁽¹⁾
- 1 relay output ⁽¹⁾
- indoor operation
- anti-sabotage protection (tamper)
- 12 VDC power supply
- dimensions: 85.0 x 85.0 x 22.0 mm (height x width x depth)
- CE mark

⁽¹⁾ only for MCT82M-IO and MCT82M-BK-IO version

⁽²⁾ not for the version without a keypad (BK option)

Ordering guide	
Item	Description
MCT82M	Access terminal; SSN MIFARE Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 V supply; QUADRUS series design; black colour
MCT82M-IO	Access terminal; SSN MIFARE Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 V supply; QUADRUS series design; on-board I/Os; black colour
MCT82M-BK	Access terminal; SSN MIFARE Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 V supply; QUADRUS series design; black colour
MCT82M-BK-IO	Access terminal; SSN MIFARE Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 V supply; QUADRUS series design; on-board I/Os; black colour
MCT82M-W	Access terminal; SSN MIFARE Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 V supply; QUADRUS series design; white colour <i>Offered as a product in special version</i>
MCT82M-BK-W	Access terminal; SSN MIFARE Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 V supply; QUADRUS series design; white colour <i>Offered as a product in special version</i>

Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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