





The MCT68ME-IO is a proximity reader with a keypad and built-in I/Os. The reader is designed to identify users in the RACS 5 access control system and operates with the MC16 master access controller. 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. The MCT68ME-IO is equipped with 4 lines LCD and four programmable function keys. The function keys can be used for the selection of Time & Attendance modes and therefore the reader is often used as T&A terminal. The terminal is available in an indoor version and outdoor version which comes along with metal protective casing.

## Features:

- support for EM 125 kHz cards
- support for MIFARE® 13.56 MHz (CSN) cards
- keypad with 4 programmable function keys
- 3 LED indicators
- 3 NO/NC inputs
- 2 transistor outputs
- 1 relay output
- anti-sabotage protection (tamper)
- RS485 interface with EPSO 3 protocol (RACS 5 system)
- RADIUS series design line
- firmware updates available
- 12 VDC power supply
- CE mark
- MCT68ME-IO-I dimensions:  $170.0 \times 110.0 \times 42.0 \text{ mm}$  (height × width × depth)
- MCT68ME-IO-O dimensions:  $220.0 \times 155.0 \times 100.0$  mm (height × width × depth)

Ordering guide	
Item	Description
MCT68ME-IO-I	Access terminal; EM 125 kHz and 13.56 MHz MIFARE® (CSN); communication interface RS485 EPSO 3 (RACS 5); keyboard; I/O lines; 12 VDC supply; RADIUS series line; indoor version
MCT68ME-IO-O	Access terminal; EM 125 kHz and 13.56 MHz MIFARE® (CSN); communication interface RS485 EPSO 3 (RACS 5); keyboard; I/O lines; 12 VDC supply; RADIUS series line; outdoor version with metal protection enclosure

## **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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