



MCT12M series reader is outdoor identification terminal designed for use in the RACS 5 access control system. It enables identification of users by means of MIFARE® 13.56 MHz cards. 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. Reader can be installed in outdoor locations without any additional protection measures.

Features:

- support for MIFARE® Ultralight/Classic cards
- support for MIFARE® DESFire (EV1, EV2, EV3)/Plus cards (option -DES)
- RS485 interface with EPSO 3 protocol (RACS 5 system)
- 3 LED indicators
- silicone rubber keypad
- 2 function keys
- 3 parametric inputs (option -IO)
- 2 transistor outputs (option -IO)
- 1 relay output (option -IO)
- outdoor operation
- anti-sabotage protection (tamper)
- DOMINO series product line
- firmware updates available
- 12 VDC power supply
- dimensions: 152.5 × 46.0 × 23.0 mm (height x width x depth)

Ordering guide	
Item	Description
MCT12M	Access terminal with keypad; MIFARE® Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 VDC supply; DOMINO series design; outdoor operation
MCT12M-BK	Access terminal; MIFARE® Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 VDC supply; DOMINO series design; outdoor operation
MCT12M-IO	Access terminal with keypad; MIFARE® Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 VDC supply; DOMINO series design; outdoor operation; on-board I/Os
MCT12M-BK-IO	Access terminal; MIFARE® Ultralight/Classic; communication interface RS485 EPSO 3 (RACS 5); 12 VDC supply; DOMINO series design; outdoor operation; on-board I/Os
MCT12M-DES-IO	Access terminal with keypad; MIFARE® Ultralight/Classic/DESFire (EV1, EV2, EV3)/Plus; communication interface RS485 EPSO 3 (RACS 5); 12 VDC supply; DOMINO series design; outdoor operation; on-board I/Os
MCT12M-BK-DES-IO	Access terminal; MIFARE® Ultralight/Classic/DESFire (EV1, EV2, EV3)/Plus; communication interface RS485 EPSO 3 (RACS 5); 12 VDC supply; DOMINO series design; outdoor operation; on-board I/Os

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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