The MCT84M series readers are indoor RFID access terminals dedicated for RACS 5 access control system. Readers need to be connected to a host device, which usually is an access controller, and can't operate autonomously. The MCT84M terminal can read either factory programmed card serial number (CSN) or any user card number (PCN) programmed in encrypted data blocks or files on a card. Because the CSN card numbers are not encrypted and can be duplicated the PCN numbers should be used for access control systems in general. Communication with controller is achieved through RS485 bus which can utilize free topology (e.g. three, star and combination of them) and any type of signal cables. The maximal distance between controller and reader is limited to 1200 m of cable run. Configuration of the reader as well as firmware upgrade is made through RS485 and require RogerVDM (Windows) program. The front panel of the reader is made from the special plastic with offers scratch resistance comparable with glass however, unlike it, unbreakable. The neutral shape of enclosure matches various styles of interiors including traditional, modern or even historical ones. Because of its narrow shape the MCT84M can be installed on door frame and other door construction elements with limited space.

Features

- 13.56 MHz ISO14443A, reads factory programmed card number (CSN):
    - MIFARE Ultralight
    - MIFARE Classic 1k and 4k
    - MIFARE Plus
    - MIFARE DESFire EV1
- reads user programmed card number (PCN):
    - MIFARE Classic 1k and 4k
- up to 5 cm reading range
- support for normal and long card reading method
- RS485 communication interface
- three LEDs
- buzzer with loudness level adjustment

(¹) *doesn't refer to product version without keypad*

- sensor type keypad with regulated backlight level (¹)
- two function keys (¹)
- tamper contact with detection of enclosure detachment and opening
- 12 VDC power supply
- configuration and firmware upgrade through RS485 (RogerVDM)
- indoor environment
- white and black color versions
- dimensions: 130.0 x 45.0 x 22.0 mm (height x width x thickness)
- CE mark

Order guide	
Item	*Description*
MCT84M	MIFARE Classic access terminal with keypad
MCT84M-BK	MIFARE Classic access terminal
MCT84M-W	MIFARE Classic access terminal with keypad; white colour
MCT84M-BK-W	MIFARE Classic access terminal; white colour

Legal Notice

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