Product Code

F06992

CITYLINE PROXIMITY READER

Reference	EAN
6992	8424299069920

Description.

Description

* Reader that allows the door to be opened when a remote key fob or card is used. Only authorised cards or key fobs will activate the device. Physical contact is not necessary.
* Proximity reader that uses an incorporated dipswitch configuration (SW2) and can function with an autonomous or centralised system.

AUTONOMOUS configuration.
* Capacity for up to 400 user cards or key fobs.
* Reader and controller integrated into the same module.

Configuration as a CENTRALISED MDS-AC Plus.
* Proximity reader with capacity for up to:
- 1020 user cards/key fobs with the central MDS unit (ref. 2405).
- 2048 user cards/key fobs with the central AC Plus unit (ref. 4410).
* Reader and controller integrated into the same module.

CENTRALISED configuration with the Wiegand 26 or Data/Clock protocols.

* When the reader starts in the following modes:
- Wiegand-26, the + LED will light for one second.
- Data/Clock, the - LED will light for one second.
* Proximity reader with capacity for up to:
- 1020 user cards/key fobs with the central MDS unit (ref. 2405).
- 2048 user cards/key fobs with the central AC Plus unit (ref. 4410).
* Requires the door controller (ref. 4420) for connection and functioning.

* Acoustic and visual confirmation via LEDs which indicate whether the presented card has been accepted or rejected.
* Integrated into an aluminium plate.
* Either embedded (ref. 8948, including box) or surface mounted (ref. 7061, optional).
* Recommended for indoor and outdoor use.

Technical Details

AUTONOMOUS Technical Features:

- It does not require physical reader-card contact. Reading distance at 5 cm (card) or 1.5 cm (keychain).
- Acoustic and visual information of actions.
- Manual or PC programming (card registration/deletion) is very simple.
- Door sensor and exit button control
- Relay output.
- Door release activation by relay with programmable time. Programmable 1 to 99 sec.
- Signaling LEDs (help with programming and status).

Autonomous Programming

- It can be done in 3 ways:
  - By Master Card.
  - Private programming keyboard.
  - PC software.

MDS-AC Plus CENTRALIZED Technical Characteristics:

- Does not require physical reader-card contact. Reading distance at 5 cm (card) or 1.5 cm (keychain).
- Acoustic and visual information of actions.
- Door opener button input, door sensor input and door opener relay (C, NO, NC, potential free).
- Reader Wiring – Central Unit: 2 wires (power supply) + shielded twisted pair (data). In an installation with several readers they can be connected in cascade.
- It has a dipswitch (SW1) to configure:
  - Door Number (switches 1..5): the access/door number (0..31).
  - Switch 6: No function.
  - Door release opening (switches 7..8): depending on the installation:

- Door release opening time (sec.) in MDS.

- In CAC configuration by software (switches without function).
- Connector CN3: Keyboard connector.
- The door openers can be connected directly to the reader and for maximum security installations use the relay decoder.

Centralized Programming
Programming is carried out from the PC software corresponding to the installed central unit (ref. 2405 or ref. 4410).

CENTRALIZED Technical Characteristics with Wiegand 26 or Data/Clock protocol:

- It does not require physical reader-card contact. Reading distance at 5 cm (card) or 1.5 cm (keychain).
- Acoustic and visual information of actions.
- Wiegand (WG) or Data/Clock readers allow the installation to be provided with greater anti-sabotage security by not connecting the door opening mechanism or the exit button connection to the reader. All devices are connected to the door controller and are therefore out of reach. The door controller will be installed inside (safe zone) and the reader outside.
- The reader can be used with other door controllers that use the Wiegand 26 (WG) or Data/Clock protocols.
- Wiring: 7 wires to the door controller.
- For more information, see Technical Characteristics of the door controller.

Centralized Programming
Programming is carried out from the PC software corresponding to the installed central unit (ref. 2405 or ref. 4410).

Specifications

- Dimensions (HxV mm): 130 x 128
- Flush box (HxVxD mm - included): 115 x 114 x 45
- Surface box (HxVxD mm - optional): 130 x 128 x 33
- Environmental protection (IP): 52
- Shock protection (IK): 07
- Power (V):
- Autonomous: 12V (ac/dc).
- Centralized: 12Vdc
- Consumption (mA) without lock release: 90
- Operating temperature: -15 to 55ºC
- RADIO FREQUENCY MODULE
- Frequency: 125kHz
- Maximum power: 572Nw

Details.

Product measurements (height x width x depth) mm	Product height (mm)	Product width (mm)	Weight (kg)
130(H)x128(V)	128	130	0.581637

Packaging measurements (height x width x depth) cm	Video Door Entry system Technologie	Access Control Technology
7,3x14,8x13,8	NO PE/VP	PROXIMIDAD

Manuals

- 970112_Normativa_Modulo_radiofrecuencia_V10_17.pdf
- 97597Ac Lector Proximidad Autonomo NCity V09_16.pdf
- 97597Ec Lector Proximidad Autonomo NCity V09_16.pdf
- 97597Fc Lector Proximidad Autonomo NCity V09_16.pdf
- 97597Ic_Lector_Proximidad_Autonomo_NCity_V09_16.pdf
- 97597Pc Lector Proximidad Autonomo NCity V09_16.pdf
- 97598c_Lector_Proximidad_Centralizado_NCity_V09_16.pdf

Declaration of conformity

- DOCF06992EN.pdf