



Product Code

F05482

## MARINE FINGERPRINT READER

Reference

5482

EAN

8424299054827

### Description.

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#### Description

\* Biometric access fingerprint reader with capacitive sensor. Identifies users by their fingerprint (unique and unrepeatable feature for each person).

\* Proximity reader which can run in a stand-alone or centralized system by using a built-in jumper configuration (JP1).

STAND ALONE setup.

\* Capacity (number of users), depending on operating mode selected:

Working options:

o 953 (001...953) in 1 print per person mode.

o 633 (001...633) in 2 prints per person mode.

\* Reader and controller integrated in the same module.

CENTRALIZED setup with Wiegand 26 protocol.

\* Capacity (number of users), depending on operating mode selected:

#### Working options:

- o 953 (001...953) in 1 print per person mode.
- o 633 (001...633) in 2 prints per person mode.

Note: fingerprints are authorized in the reader, so the capacity is determined by the reader's operating mode without relying on the central unit capacity.

- \* Requires door controller (ref. 4420) for connection and operation.
- \* Audio and visual confirmation by LED display signalling print acceptance or rejection.
- \* Integrated in 2.5mm thick stainless steel panel.
- \* Flush-fit or surface assembly.
- \* Recommended for indoors and outdoors.
- \* Reading method. For correct fingerprint reading, the finger must slide over the reader (downwards) at a uniform speed, applying gentle pressure.

#### Technical Details

##### STAND ALONE Technical Features:

- Working options (sets the user capacity). o 953 (001...953) in 1 print per person mode. o 633 (001...633) in 2 prints per person mode.
  - Relay-activated electric lock. Programmable from 01 to 99 seconds.
  - Acoustic and visual information on actions.
  - Very simple manual programming or by PC (fingerprint authorizations/cancellations).
  - Reader with 2 signal LEDs and 7
  - segment 3-digit Display (programming and status help).
  - Special functions: free access print (trades) and unblock print (electric lock always activated).
  - Door sensor and exit button control.
  - Infrared remote programming keypad
  - Auxiliary relay for other functions: Door and forced door Alarm or Intimidation Alarm or Intrusion Alarm (by wrong print).
- Standalone Programming Programming can be done in two ways: The system is programmed with a master print (Administrator) and a remote infrared or PC keypad. The «Fingerprint» programming software can be downloaded from the Fermax website, in the Products
- Downloads
  - Software section.
- There is also the «Clone» option: it is used to copy all the data entered in one reader into another.

##### CENTRALIZED technical features with Wiegand 26 protocol:

- Working options (sets the user capacity). o 953 (001...953) in 1 print per person mode. o 633 (001...633) in 2 prints per person mode.
- Wiegand (WG) readers equip the installation with better anti-sabotage security, since neither the door opening mechanism nor the

exit button connection are linked. All the devices are connected in the door controller and so are safe from manipulation. The door controller is installed indoors (secure zone) and the reader on the outside.

- The reader can be used with other door controllers using Wiegand-26 (WG) protocols.
- Wiring: 7 wires to door controller.
- For further information, please see Door Controller Technical Features. Centralized Programming Programming is by means of the «Fingerprint» software, which may be downloaded from the Fermax website, in the Products-Downloads
- Software section. The fingerprint codes are provided by the Fingerprint PC application and must be authorized in the control system (Central Unit).

## Specifications

Dimensions (HxV mm): 150 x 180  
 Flush-fit box (HxVxP mm - included): 130 x 160 x 55  
 Surface box (HxVxP mm - optional): 154 x 184 x 55  
 Environmental protection (IP): 43 Shock resistance (IK): 08  
 Power supply (V):  
 Standalone: 12V (ac/dc).  
 Centralized: 12Vdc  
 Consumption (mA) without door release/lock: 150/180  
 Operating temperature: -15° to 55°C

## Details.

Weight (kg)	Packaging measurements (height x width x depth) cm	Video Door Entry system Technologie	Access Control Technology
1.734746	25,2x16,4x8,2	NO PE/VP	HUELLA

## Manuals

- 970112\_Normativa\_Modulo\_radiofrecuencia\_V10\_17.pdf
- 97737\_Limpieza\_Placas\_Marine\_V04\_20.pdf
- 97750Ac Lector de Huella Autonomo NCity V02\_18.pdf
- 97750Ec Lector de Huella Autonomo NCity V02\_18.pdf
- 97750Fc Lector de Huella Autonomo NCity V02\_18.pdf
- 97750Ic Lector de Huella Autonomo NCity V02\_18.pdf
- 97750Pc Lector de Huella Autonomo NCity V02\_18.pdf
- 97751Elb Lector de Huella Centralizado NCity V09\_16.pdf
- 97751FAb Lector de Huella Centralizado NCity V09\_16.pdf

## Declaration of conformity

- [DOCF05482ES.pdf](#)

## Accessories



F02337  
BATTERY 12V 7Ah



F02060  
BATTERY ADAPTOR 12 V



F04813  
P.S.U. DIN6 100-240VAC/12VDC-2A