FERMAX

REF.5296 RESISTANT PROXIMITY READER

FUNCTIONS

Anti-vandalism proximity reader, slim profile and smaller sized. Can work in stand-alone or centralized mode, depending on the Wiegand 26 controller to which it is connected.

Stand-alone mode, with external controller ref. 5276
Maximum capacity up to 1000 users.
MINI controller:

- Relay output 2A: Supplies 12Vdc between terminals GND, NO by default. Converts to dry contact by changing internal jumper switches. Configurable from 1-99 (5sg by default) or in flip-flop (when the card is presented the relay is triggered and when it is presented again it is deactivated).
- Exit button input. GND, OPEN.

The controller allows up to 2 different access types when installing a proximity reader.
-Card only
-Multi-card. When from 2 to 9 valid cards are presented, the door opens.

Multi-card type means that the user must always be accompanied. For example, if the controller is programmed with 3 identifiers, to operate the door, users will show their valid card and until two additional valid cards (for example, those of the security guards) are presented, the door will not open.

Each user is linked with an identifying number called ID (1-999).
Users with ID (1-999) are **standard users**. When they present a valid card code, the door opens.

The controller comes with two master cards which let you register or cancel cards or keyrings.

Centralized mode, with external controller ref. 4420
If you need to have the user database in a PC or allow access to more than 1000 people, this Wiegand 26 proximity reader can be directly linked to a door controller (ref.4420) so that it can be installed in a centralized system such as AC+, which provides you with a record of inputs and outputs knowing the time, user and access.
To carry out this type of installation you will need to add a door controller (ref.4420) to the proximity reader, and a central unit (ref.4410), which will be linked to the PC by USB (ref. 24661) or via IP (ref. 2466 + ref. 1087). This provides a record of access entries and exits with a memory of up to 3,000 records without having an online PC. This system allows management of up to 2,046 users per PC and lets you check the user database and view the event log in real time or offline.

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ACCESSORIES

Ref. 1076 MAGNETIC CONTACT Door sensor.
Ref. 5287 FLUSH FIT PUSHBUTTON
Ref. 5288 SURFACE PUSHBUTTON
Ref. 67501 UNIV. LOCK RELEASE 990N-P22 - 10-24V - MAX
 (Door lock release with short shield, normal operation with adjustable latch bolt)
Ref. 4813 12Vdc/2A POWER SUPPLY
Ref. 4802 12Vdc/1A POWER SUPPLY

MECHANICAL FEATURES

APPEARANCE
Aluminium 3 mm
Surface mounted system.
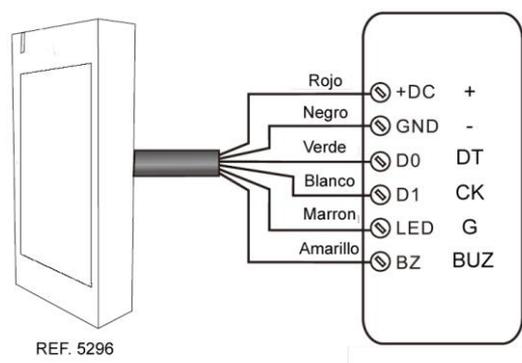Hidden screws.
IP66

DIMENSIONS
Surface mounted (48(H) x 103(V) x 20(P) mm.

TECHNICAL FEATURES

Power supply:
   Stand-alone 12 Vcc (9-24Vcc)
   Centralized: 12Vcc.
Consumption in standby:
   12Vdc / 25mA
Operating temperature: [-20ºC, +60ºC]
Humidity: [10%, 95%]

Compatibility: Cards/keyrings EM(125KHz), MIFARE (13,56MHz) and HID (ISOProxII, 125KHz)
Wiegand 26 proximity protocol.
RF radiated power: 125KHz: 4.382dBuA/m, 13,56MHz: 2.02dBuA/m.

TECHNICAL SPECIFICATIONS

REF. 5296

STAND-ALONE WIRING (with external controller ref. 5276)

+DC (red): Positive feed 12Vcc
GND (black): Negative feed 12Vcc
D0 (green), D1 (white): Wiegand 26 connection.
LED (brown): LED control
BZ (yellow): Acoustic signal.

CENTRALIZED WIRING (with external controller ref. 4420)
+ (red): Positive feed 12Vcc
- (black): Negative feed 12Vcc
DT (green, CK (white): Wiegand26 connection
G (brown): LED control
Buzz (yellow): Acoustic signal.