FERMAX

REF.5504 WG MIFARE/EM MARINE PROXIMITY READER

FUNCTIONS

Reader that lets you open the door by displaying a multi-frequency card or proximity keyring (EM (125KHz), MIFARE (13,56MHz) and HID (125KHz, ISOProxII). Only authorized cards or keyrings will trigger the device. No physical contact is necessary. Acoustic confirmation of the acceptance or rejection of the card or keyring presented. Recommended for interiors and exteriors.

The readers are Wiegand 26, allowing you to equip the access control installation with anti-sabotage security, as neither the door opening mechanism nor the exit button connection are built-in. These functions are supported by the door controller that uses the Wiegand protocol 26 and are therefore out of reach of tampering.

The door controller is installed indoors (secure zone) and the reader on the outside.

STAND-ALONE setup:

Capacity for up to 1,000 user cards or keyrings.
* Requires door controller (ref. 5276) for connection and operation.
* Power supply 12Vcc.

STAND-ALONE Technical Features:

- No physical reader-card contact required. Reading distance 5 cm (card) or 1.5 cm (keyring).
- Acoustic information on actions.
- Very simple manual programming. By MASTER REGISTRATION and MASTER DEREGISTRATION cards.
- Stand-alone controller (Ref.5276) with 1 relay output.
- Electric lock activation by relay with programmable timing. Programmable 1 to 99 sec.

STAND-ALONE Programming

- Can be done in 2 ways:

    By Master Cards.
    IR programming keypad included with controller.

It is recommendable to install controller in the same flush box or just behind the installed wall, as this way programming with the IR keypad will be easier, as the programmer needs to have direct line of sight with the controller.

CENTRALIZED setup:

* Proximity card reader with capacity up to:

    1,020 user cards/keyrings with MDS Central Unit (ref. 2405).
    2,048 user cards/key rings with AC+ Central Unit (ref. 4410).
* Requires door controller (ref. 4420) for connection and operation.

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CENTRALIZED Technical Features:
- No physical reader-card contact required. Reading distance 5 cm (card) or 1.5 cm (keyring).
- Acoustic information on actions.
- The reader can be used with other door controllers using Wiegand-26 (WG) protocols.
- Wiring: 5 wires to door controller.

CENTRALIZED Programming
Programming is done from the PC software corresponding to the central unit installed (ref. 2405 or ref. 4410).
- For further information, see Door Controller Technical Features.

ACCESSORIES

Ref. 5276 STAND-ALONE CONTROLLER 1 DOOR WG
Ref. 4420 CENTRALIZED DOOR CONTROLLER
Ref. 4410 AC+ CENTRAL UNIT (DIN10)
Ref. 2405 MDS DIGITAL CENTRAL UNIT (DIN10)
Ref. 67501 UNIV. LOCK RELEASE 990N-P22 10-24V MAX
 (Door lock release with short shield, normal operation with adjustable latch)
Ref. 4813 POWER SUPPLY 12Vdc/2A

MECHANICAL FEATURES

APPEARANCE
Steel 2,5 mm
Monoblock design
Environmental protection (IP): 54
Impact resistance (IK): 09

DIMENSIONS
Dimensions (HxV mm): 150 x 180
Flush box (HxVxP mm - included): 130 x 160 x 55
Surface box with hood (HxVxP mm - optional): 154 x 184 x 55

TECHNICAL FEATURES

Power supply:
  Stand-alone 12 Vcc
  Centralized: 12Vcc.
Consumption in standby:
  12Vcc / 35mA
Operating temperature: [-15°C, +55°C]

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