

## REF.5224 AC-MAX CU 4 DOORS KIT



### DESCRIPTION

Access control kit for four doors. The kit consists of metal enclosure with power supply, networked access controller and IO expander. The controlled doors can be managed on both, input readers and output readers side, by RS485 (FPAC-MAX), in case of Wiegand readers only as input readers.

Each controlled door has separate 0.2 A supply output for readers and 1.0 A supply output for lock and other door equipment. The back-up battery charging current can be set to 0.3 A or 0.6 A. The entire system is supplied from the power supply included in the kit.

### COMPOSITION:

- Metal BOX-IP16.
- PWR4D 13.8Vdc
- AC-MAX-CU-4 central unit in TCP / IP network. It manages up to 4 doors each door with an input reader, therefore it allows the connection of up to 4 Wiegand readers or 8 FPAC-MAX fingerprint readers (4 input and 4 output).
- EXP4D I / O Expander- EXT4D I / O expansion module.

### ACCESSORIES

- Ref. 5296 RESISTANT PROX. READER WG.
- Ref. 5293 KEYPAD W/PROXIMITY RESISTANT.
- Ref. 5225 FINGER PRINT READER FPAC-MAX.
- Ref. 5224 AC-MAX CU 4 DOORS KIT
- Ref. 2337 BATTERY 12VDC 6A

### MECHANICAL FEATURES

#### CABINET

- Surface fixing system.
- Surface mounting. Internal DIN rail 320mm.
- Metal case with 0.8mm thickness, IP20
- Weight 2.6kg
- Contact box tamper.

#### DIMENSIONS

- External dimensions (305 (V) x 325 (H) x 100 (P) mm.
- Internal dimensions (300 (V) x 320 (H) x 90 (P) mm.
- Space for optional 7Ah battery.
- Multi-colored LEDs

### TECHNICAL FEATURES

#### Power supply:

- PWR2D 230VAC – 50Hz
- 13.8Vdc/5.4A
- Operating temperature: [-10°C, +40°C]
- Humidity: [0%, 90%] without condensation.
- Network controller AC-MAX 4KIT.
- EXT4D IO expander.

#### Compatibility: Up to 4 Wiegand Readers / 4 Fingerprint

- reader FPAC-MAX RS-485
- 4 current outputs of 0.2A (readers)
- 4 current outputs of 1A (door opener)
- Allows battery charge adjustment charging 0.3A/ 0.6A.
- Protection of battery discharge.
- Tamper contact.

## TECHNICAL SPECIFICATIONS

**EXPANSION EXT4D TERMINALS.** (The letter 'x' in the terminal indicates the door number (1,2,3,4).)

**TMLX+:** Power output "+" Reader -> 13.8Vdc/0.2A.

**TMLX-:** Power output "-" Reader -> 13.8Vdc/0.2A.

**AX:** RS-485 BUS connection A from Reader num X.

**BX:** RS-485 BUS connection B from Reader num X.

**VDRX+:** Power Output "+" -> 13.8Vdc/1A

**VDRX-:** Power Output "-" -> 13.8Vdc/1A

**LCKX:** Output – Open Collector. Door Lock

**BELLX:** Output – Open Collector. Bell.

**DCX:** Door Sensor.

**DRX:** Exit Button.

### CENTRAL UNIT AC-MAX TERMINALS

**IN1:** Input D0 wiegand reader 1.

**IN2:** Input D1 wiegand reader 1.

**IN3:** Input D0 wiegand reader 2.

**IN4:** Input D1 wiegand reader 2.

**IN5:** Input D0 wiegand reader 3.

**IN6:** Input D1 wiegand reader 3.

**IN7:** Input D0 wiegand reader 4.

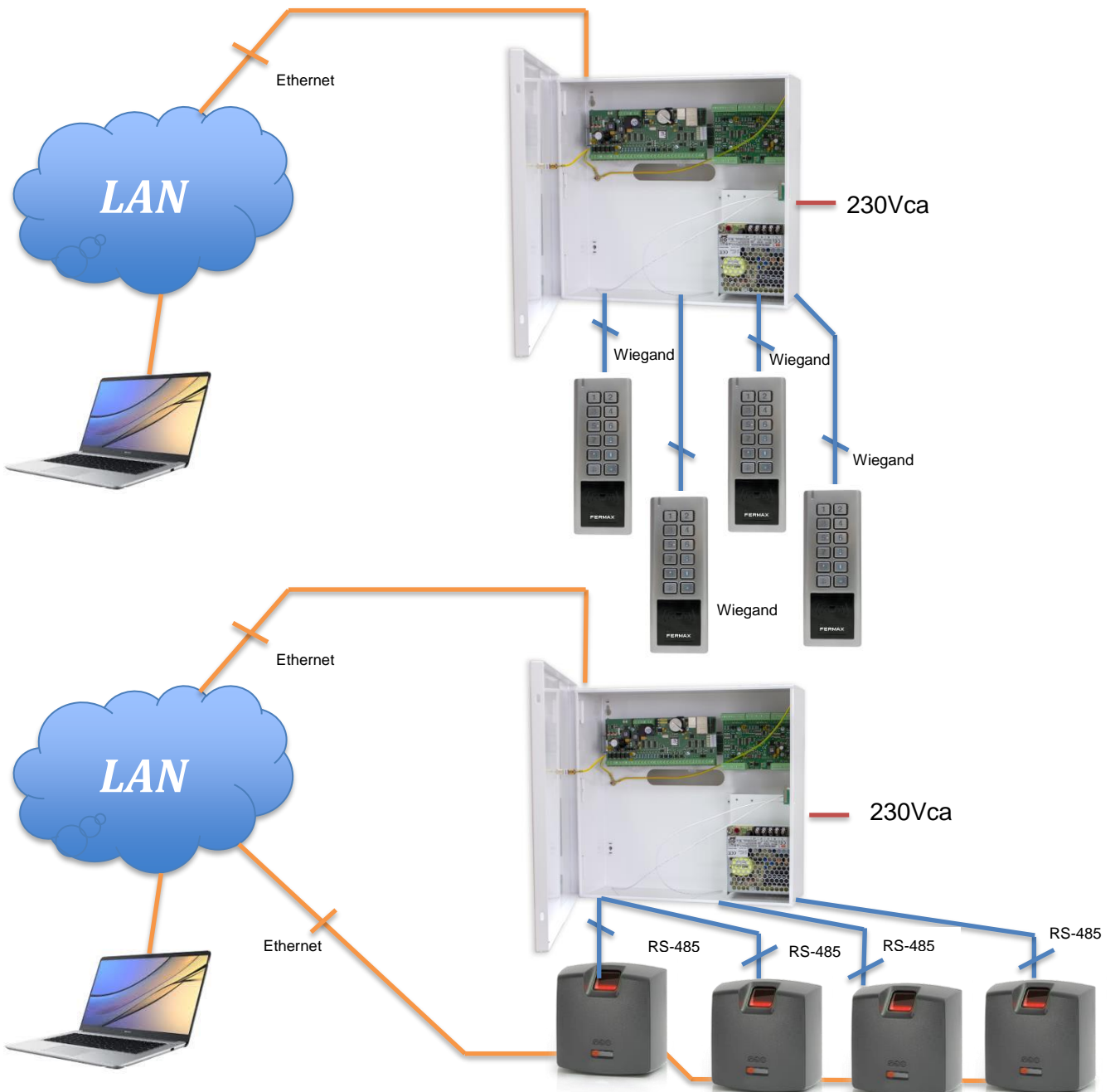
**IN8:** Input D1 wiegand reader 4.

**GND:** Ground.

**OUT1:** Transistor Output. Control LED.

**OUT2:** Transistor Output. Buzzer.

**OUT3:** Transistor Output. Control LED red.



The Ethernet connections to each device are independent.