

REF.5223 AC-MAX CU 2 DOORS KIT



DESCRIPTION

Access control kit for two 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 reader and output reader side, by RS485 (FPAC-MAX), or Wiegand 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-IP15.
- PWR2D 13.8Vdc
- AC-MAX CU-2 central unit in TCP / IP network. It manages up to 2 doors each door with an input reader per door or with input reader and output reader per door, therefore it allows the connection of up to 4 Wiegand readers (2 input and 2 output) or 4 fingerprint readers FPAC-MAX (2 input and 2 output).
- EXT2D 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 280mm.
- Metal case with 0.8mm thickness, IP20
- Weight 2.6kg
- Contact box tamper.

DIMENSIONS

- External dimensions (295 (V) x 285 (H) x 90 (P) mm.
- Internal dimensions (290 (V) x 280 (H) x 80 (P) mm.
- Space for optional 7Ah battery.
- Multi-colored LEDs

TECHNICAL FEATURES

Power supply:

- PWR2D 230VAC – 50Hz
- 13.8Vdc/2.5A

Operating temperature: [-10°C, +40°C]

Humidity: [0%, 90%] without condensation.

Network controller AC-MAX 2KIT.

EXT2D IO expander.

Compatibility: Up to 4 Wiegand Readers / 4 Finger print

reader FPAC-MAX RS-485

2 current outputs of 0.2A (readers)

2 current outputs of 1A (door opener)

Allows battery charge adjustment charging 0.3A/ 0.6A.

Protection of battery discharge.

TECHNICAL SPECIFICATIONS

EXPANSION EXT2D TERMINALS. (The letter 'x' in the terminal indicates the door number (1,2).)

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.

