



# I/O MODULE

## INPUT/OUTPUT (I/O) MODULE

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Inputs collect information from sensors, door contacts, push buttons, or power status, while outputs enable the control of physical actions such as door unlocking, alarm activation, or the operation of technical equipment.

This I/O logic extends access control to the entire building environment, enabling automated scenarios and real-time monitoring. Compatible with OSDP Secure Channel and SSCP V2 architectures, the IO Module integrates seamlessly into existing installations and enhances the operational intelligence of access control.

### POWER SUPPLY CHARACTERISTICS

Main power supply	Typical: 12 Vdc Range: +9 Vdc up to +16 Vdc
Consumption	Typical: 15mA under +12 Vdc Max: 250mA under +12 Vdc

### CHARACTERISTICS

Communication	RS485 (L+ & L-)
Pin out	Removable connectors, thread 3.5mm / 0.1379 in
Temperature	0°C to 50°C / +32°F to +122°F
Input	8 supervised + 3 particulars
Output	8 relays configurable NC/NO non latching / 2A; 30VDC
LED	Power; Serial, Relay; Firmware Running
Reset	Reset Push button
Environment	Indoor use only
RS485	1200 end-of-line activated by dip switch
Recommended Cables	RS485: Use a multi-conductor shielded twisted pair cable - Max length 3 280 ft / 1000 m at 9600 baud.
Certifications	

#### Recommandations

- Install the I/O Panel away from computer transmission cables or from power sources (ex: RJ 45, sector...).
- The disruptions that they can cause can vary according to their radiation power and their proximity.
- Use a filtered and regulated power supply.
- Before any service operation you must de-energize the module.

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