# ACI420-PIN

## OSDP reader with PIN keypad, slim design, Mifare Desfire EV1/2/3, CSN & Bluetooth

### Product overview

The ACI42x-W range of Wiegand readers provides an attractive reader in slim line or standard design supporting cards with secure Mifare Desfire EV1/EV2/EV3 security. In addition the reader provides for onboard Bluetooth (BLE) support. The ACI42x-PIN variants include a PIN keypad.

### Secure readers

The ACI42x-W range supports security from the card up to the reader when Mifare Desfire EV1/EV2/EV3 cards are encrypted




### Details

- Secure OSDP Mifare Desfire EV1/EV2 reader with PIN
- Supports Mifare Desfire EV1/EV2 custom cards and CSN, as well as other Mifare CSN cards
- Address and other settings through configuration cards
- Robust molded plastic housing in slim design
- Indoor or outdoor mounting
- Request to exit input and one output
- Bluetooth BLE onboard
- Supported on CDC4 range of Door/Lift controllers

# ACI420-PIN

## OSDP reader with PIN keypad, slim design, Mifare Desfire EV1/2/3, CSN & Bluetooth

## Technical specifications

### System

| | |
|---|---|
| Reading distance | up to 5 cm depending on technology used and environment |
| Max. reader distance to panel | 1 km from control panel |
| CSN (Card Serial Number) | Yes |
| Custom data model | Yes |
| Supported card types | Mifare Classic 7 Byte UID, MIFARE®, Classic UID, MIFARE®, DESFire UID, MIFARE® DESFire® EV1, MIFARE® DESFire® EV2, MIFARE® Plus UID, NFC (UID) |
| Addressing type | Carte d'adressage |
| No. of LEDs | 3 x multi-color |

### Technology

| | |
|---|---|
| Reader type | Carte à puce |
| Reader operating-transmitting frequency | 13.56 MHz |
| Supported technology 13.56 MHz | MIFARE, DESFire (CSN), MIFARE DESFire EV1 (Aritech), MIFARE, DESFire EV1 (CSN), MIFARE DESFire EV1 (données personnalisées), MIFARE DESFire EV2 (Aritech), Mifare DESFire EV2 (CSN), Mifare DESFire EV2 (données personnalisées), MIFARE Plus (CSN), NFC (CSN) |
| Supported technology 2.4 GHz | Bluetooth |
| Mifare type | ISO14443A |
| No. of Mifare bytes CSN | 4 octets (non unique), 4 octets (S50), 7 octets (S50), 7 octets (S70) |

### Interface & connections

| | |
|---|---|
| Interface | OSDP V2 canal sécurisé |
| Connector type | Svinesvans |
| Pigtail length | 3 m |

### Inputs/outputs

| | |
|---|---|
| Inputs | Demande de sortie |
| Outputs | 1 collecteur ouvert (50 mA) |

### Tamper type

| | |
|---|---|
| Opening tamper | Yes |

### Operation

| | |
|---|---|
| PIN keypad | Yes |
| PIN length | Depending on controller |

### Electrical

| | |
|---|---|
| Operating voltage | 10 to 30 VDC |
| Current consumption | 50 mA @ 13.8 VDC normal<br>120 mA @ 13.8VDC max. |

### Physical

| | |
|---|---|
| Physical dimensions | 148 x 45 x 26 mm |
| Colour | Sort |
| Material | Plastic |
| Form factor | Slimline |
| Mounting Type | Montage en surface |

### Environmental

| | |
|---|---|
| Operating temperature | -30 to +55°C |
| Relative humidity | max 95% noncondensing |
| Environment | Indendør, Udendørs |
| IP rating | IP67<br>IK09 |

### Regulatory

| | |
|---|---|
| Compliancy | CE |
| Certification | CE |

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