# ACI421

## OSDP reader, Mifare Desfire EV1/2/3, CSN & Bluetooth

### Product Overview

The ACI42x range of 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 range supports security from the card up to the controller when the controller supports the security features of the OSDP V2.17 standard and the Mifare Desfire EV1/EV2/EV3 cards are encrypted.




### Einzelheiten

- Secure OSDP Mifare Desfire EV1/EV2 reader
- 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
- Indoor or outdoor mounting
- Request to exit input and one output
- Bluetooth BLE onboard
- Supported on CDC4 range of Door/Lift controllers

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## Technische Spezifikationen

### 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 | Direccionamiento de la Tarjeta |
| No. of LEDs | 3 x multi-color |

### Technology

| | |
|---|---|
| Reader type | Tarjeta Inteligente |
| 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 (datos personalizados), MIFARE DESFire EV2 (Aritech), Mifare DESFire EV2 (CSN), Mifare DESFire EV2 (Datos personalizados), MIFARE Plus (CSN), NFC (CSN) |
| Supported technology 2.4 GHz | Bluetooth |
| Mifare type | ISO14443A |
| No. of Mifare bytes CSN | 4 Byte (no único), 4 Byte (S50), 7 Byte (S50), 7 Byte (S70) |

### Interface & connections

| | |
|---|---|
| Interface | OSDP V2 Secure Channel |
| Connector type | Zopf |
| Pigtail length | 3 m |

### Inputs/outputs

| | |
|---|---|
| Inputs | Solicitud de salida |
| Outputs | 1 Colector abierto (50 mA) |

### Tamper type

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

### Operation

| | |
|---|---|
| PIN keypad | No |

### Electrical

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

### Physical

| | |
|---|---|
| Physical dimensions | 127 x 85 x 28 mm |
| Colour | Schwarz |
| Material | Plastik |
| Form factor | Estándar |
| Mounting Type | Montaje en Superficie |

### Environmental

| | |
|---|---|
| Operating temperature | −30 to +55°C |
| Relative humidity | max 95% noncondensing |
| Environment | Drinnen, Draussen |
| IP rating | IP 67<br>IK 09 |

### Regulatory

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

### Kompatible Produkte

| Kategorie | Referenz | Beschreibung |
|---|---|---|
| Accessories | ACI421-MNT-33 | Abgewinkelte Montageplatte für ACI421, 33° Grad |

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