

# ATS1160N

## Leitor ATS Mifare DesFire EV1 - CSN, Entrada RTE, Saída OC

### Product overview

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The ATS Mifare readers connect directly on the RS485 data bus of the control panel or 4 Door Controller and may be configured and addressed via a LCD keypad or address configuration card ATS1482.

The devices offer a Request To Exit input and one open collector output that can be used to control a door relay or door strike.

The ATS Mifare readers are designed for reliable and secure access control, data collection and people identification in various environments. The MIFARE proprietary technology is based upon the ISO 14443 (RFID) Type A 13.56 MHz contact less smart card standard. The technology is embedded in both cards and readers (also referred to as a Proximity Coupling Device).

These innovative products read the unique MIFARE CSN (Card Serial Number) of Philips Mifare®, I-Code®, Inside PicoTag® and most of the existing and forthcoming ISO15693 tags like Tag-it®, ST, Infineon etc. compatible with MIFARE Standard 1k or 4k. This also includes EV1 and DESfire cards.

### Communication

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Readers are suitable for most applications and offer a direct connection to Advisor MASTER control panels and door controllers. Good performance and robustness ensure optimal functionality even in harsh environments.

### Design

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The unique design of the housing guarantees that the readers can be used in the most demanding surroundings. Readers can be installed directly on to a metal surface without any insulation.



### Details

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- Mifare ATS bus reader
- Reads the chip serial number (CSN)
- Mifare Classic and DESfire EV1 CSN
- Robust molded plastic housing
- Indoor or outdoor mounting
- ATS bus interface
- Request To Exit input
- Open Collector Output (door open)
- RS485 data bus device
- Field strength - according to EN300330
- EMC - meets CE requirements
- Pry-off tamper - optical sensor

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### Technical specifications

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#### Sistema

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CSN (Número de Série de Cartão) Sim

Tipo de endereçamento Cartão de endereçamento, Endereçamento Teclado, Endereçamento Software

Nr. de LEDs Tricolor

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#### Tecnologia

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Tipo leitor Proximidade

Frequência operação-transmissão Leitor 13.56 MHz

Suporta tecnologia 13.56MIFARE Classic (CSN), MIFARE DESFire EV1 MHz (CSN)

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#### Interface & ligações

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Interface ATS RS-485

Tipo de conector Ponta

Comprimento do chicote 2 m

Supported cable type LIYY 2m

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#### Entradas/saídas

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Entradas Pedido de saída

Saídas 1 Coletor Aberto (10 mA)

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#### Tipo de tamper

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Tamper remoção Sim

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#### Operação

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Teclado PIN Não

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#### Elétrica

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Tensão de operação 10.8 to 30 VDC

Consumo de corrente 150 mA max.

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#### Físico

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Dimensões físicas 140 x 44 x 20 mm (H x W x D)

Cor Preto

Material Plástico

Tipo de Montagem Montagem de Superfície

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#### Ambiental

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Temperatura de operação -40 to +55°C

Temperatura de armazenamento -40 to +55°C

Ambiente Interior / Exterior

Classificação IP IP67

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Last updated on 17 August 2022 - 16:46