ATS1192

Smart Card prox.-lezer in heavy duty uitvoering. 2,5m kabel. Kleur bruin-zwart.

Product overview

The ATS1192 smart card reader 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. Some security options (Site code & 4-byte security code) are only programmable via TITAN and configuration cards.The ATS1192 is mainly used for outdoor applications and due to the waterproof construction it is suitable for use in harsh environments.

High quality cards & key fobs

Both the smart chip and antenna are embedded inside the cards & fobs. Printing is possible on the cards using any industry standard printer. The ATS1476 cards feature a programmable magnetic stripe for Time & Attendance or other applications.

Security features

The ATS smart card technology has the ability to program a unique 268 million, 4-byte, combination security code (values from 0 through 127 are applicable for EMEA). This allows the memory card to unlock/open/disarm based on three keys; the card number, the Site code and the 4-byte security code. Once a 4-byte security code has been created, downloaded to the programmer and the cards, it is not possible to read the memory on the card or even recognise the card memory at any other reader or TITAN and programmer combination. Communications between TITAN and the programmer may also be password protected to prevent the 4-byte security code from being uploaded from the programmer into another PC running TITAN.

Read/Write encryption

The ATS Smart card technology also features an exclusive read/write encryption. When a card is presented at a reader, data are downloaded into the reader, encrypted and re-written back into the card. The readers can also be configured to operate in stand-alone or connected to control devices like office equipment or vending machines. This function enables credits to be assigned on user cards and deducted by the readers, purely on a usage basis. Up to 65535 credits may be allocated in up to 4 different banks with 16 access levels and 4 locations. The reader determines of which bank credits have to be deducted and the number of credits per valid presentation.

Multiple card badging

The ATS1192 Heavy-duty smart card reader can be used for arming/disarming areas as well as for access applications in harsh environments. It is suitable for using the multiple card badging techniques which are available for the advisor MASTER control panel family. A user could arm the system in the evenings by badging his card three times within 10 seconds interval. Another application could be for doors that badging once unlocks, badging twice with the same card keeps the door unlocked to allow people in and out without card, and badging three times re-locks the door.



Details

- Full epoxy filled weather proof construction
- Heavy-duty version
- Compatible with Axon and Advisor Advanced panels

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Technische specificaties

Systeem

Leesafstand	6 to 10 cm
Max. afstand lezer tot paneel	1.5 km
Ondersteunde kaarttypes	HiTag2
Type adressering	Card Addressing, Keypad Addressing, Software Addressing
Aantal LED's	1 blue LED, 1 red LED

Technologie

Type lezer	Nabijheid, Smart Card
Lezer zendfrequentie	125 KHz
Ondersteunde technologie 125 kHz	HiTag 2

Interface & aansluitingen

Interface	ATS RS-485, Wiegand
Type aansluiting	Krulstaart
Pigtail lengte	250 mm
Ondersteund kabeltype	Aritech WCAT 52/54 or equivalent

Ingangen / uitgangen

Ingangen	Request to exit
Uitgangen	1 Open Collector (25 mA)

Type sabotage

Afneembeveiliging	Ja

Bediening

Codebediendeel	Nee

Elektrisch

Bedrijfsspanning	9 to 14 VDC
Stroomverbruik	25 mA typical 80 mA max.

Fysiek

Fysieke afmetingen	42 x 150 x 16 mm
Netto gewicht	250 g
Kleur	Donkergrijs
Type montage	Oppervlaktemontage

Omgeving

Bedrijfstemperatuur	-35 to +66°C
Relatieve vochtigheid	93% noncondensing
Omgeving	Binnen, Buiten
IP-classificatie	IP54

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