ACL800SUW-RDMF-S

ACL800 MIFARE reader, Wiegand, surface mount, silver

Product description

These surface mount ACL800SUW-RDMF readers includes a buzzer and a tri-color LED for state indication (access granted, access denied or idle). The ACL800SUW-RDMF has an automatic Wiegand output (32 or 56 bit) and is capable of reading Mifare cards/fobs (13.56 MHz).

The ACL800 range

The ACL800 Series consists of all the required elements to establish a range with a state-of-the-art design. This new range, consisting of readers, stand-alone keypad readers and Request-To-Exit touch sensitive push buttons, provides all you need for a coherent look-and-feel attractive project. Moving forward, this product range will be further developed with biometric readers.

Card technology

The readers are compatible with TruPortal MIFARE Classic, - Plus, - Ultralight and - DESFire EV1/EV2. These technologies use the CSN (Card Serial Number) or UID (Unique Identifier) as credential identifier. The wiegand output (32 or 56 bit) is automatic according to the card type and ensures uniqueness of the MIFARE CSN with 4 and 7 Byte UID.

Compatibility

The ACL800 reader range is compatible with the TruPortal learn-in reader (TP-RDR-LRN) for learning-in credentials in access control panels like TruPortal. This compatibility is provided for both the 125 KHz and the 13.56 MHz credentials, while using the full wiegand format length in the management software (also with other third-party packages). There are different mounting possibilities: either flush mounted within the electrical wall sockets or surface mounted with a stylish, small, modern-looking molded design.



Details

- Indoor/outdoor
- Dust proof and water-resistant (IP65)
- Attractive and timeless design
- Includes a buzzer
- Tri-color LED's
- Surface mount
- Compatible with the TruPortal learn-in reader (TP-RDR-LRN)
- Backlight illumination
- 13.56 MHz Mifare Reader

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Technical specifications

System

Max. reader distance to panel	50 m
RTE (Request To Exit)	No
CSN (Card Serial Number)	Yes
Custom data model	No
No. of LEDs	3
No. of covers included	1
Language installation manual	English

Technology

Reader type	Smart Card
Reader operating-transmitting frequency	13.56 MHz
Supported technology 13.56 MHz	MIFARE Classic (CSN), MIFARE DESFire (CSN), MIFARE DESFire EV1 (CSN), Mifare DESFire EV2 (CSN), MIFARE Plus (CSN), MIFARE UltraLight (CSN)
Mifare type	ISO14443A
No. of Mifare bytes CSN	4 Bytes (S50), 7 Bytes (S70)
Read write	No
SAM module embedded	No

Interface & connections

Interface	Wiegand
Connector type	Pigtail, Terminal Strip
Pigtail length	100 cm

Tamper type

Pry-off tamper	No
Opening tamper	Yes

Operation

Stand-alone	No
PIN keypad	No
Green LED	Potential Free
Red LED	Potential Free
Orange LED	Idle mode
Illumination	Blue backlight (programmable on/off control)
Buzzer	1 (internal)

Support

Language installation manual	English

Electrical

Power supply type	VDC
Power supply value	9 to 14 VDC
Current consumption	150 mA at 12 VDC max.

Physical

Physical dimensions	92 x 51 x 27 mm
Net weight	160 g
Shipping weight	260 g
Colour	Silver
Material	Moulded aluminium
Form factor	Mullion
Mounting type	Surface mount

Environmental

Environment	Indoor, Outdoor
Operating temperature	-20 to +50°C
Storage temperature	-20 to +50°C
Relative humidity	5 to 93% noncondensing

Regulatory

Compliancy	CE, RoHS

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