

ACL800SUW-RDMF-B

ACL800 MIFARE reader, Wiegand, surface mount, black

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

CSN (Card Serial Number) Yes

No. of LEDs 3

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)

Interface & connections

Interface Wiegand

Connector type Pigtail

Pigtail length 100 cm

Tamper type

Pry-off tamper No

Opening tamper Yes

Operation

Stand-alone No

PIN keypad No

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 Black

Material ABS

Form factor Mullion

Mounting type Surface mount

LED Green LED: Potential Free
Red LED: Potential Free
Orange LED: Idle mode

Buzzer 1 (internal)

Environmental

Environment Indoor, Outdoor

Operating temperature -20 to +50°C

Storage temperature -20 to +50°C

Relative humidity 5 to 93% noncondensing

Regulatory

Compliance CE, RoHS

Operation

Illumination Blue backlight (programmable on/off control)



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