

# ACL805SUW-RDMF-S

## ACL800 Keypad with MIFARE reader, Wiegand, Surface mount, Silver

### Product description

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"These surface mount ACL805SUW-RDMF-S readers includes a buzzer and a tri-color LED for state indication (access granted, access denied or idle). The ACL805SUW-RDMF-S has an automatic Wiegand output (32 or 56 bit) and is capable of reading Mifare cards/fobs (13.56 MHz). With the integrated keypad you can use Two-factor authentication with Card only, PIN Code only, Card or/and PIN Code.

### The ACL800 range

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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

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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

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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

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- 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
- Two-factor authentication
- Keypad with 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	PIN keypad, 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	Yes
PIN length	1 to 8 digits
Green LED	Potential Free
Red LED	Potential Free
Orange LED	Idle mode
Illumination	Blue backlight (programmable on/off control)
Buzzer	1 (internal)
Authentication	Card, PIN Code, Card or/and PIN Code

#### Electrical

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

#### Physical

Physical dimensions	100 x 94 x 30 mm
Net weight	300 g
Shipping weight	310 g
Colour	Silver
Material	Moulded aluminium
Form factor	Oversized
Mounting type	Surface mount

#### Environmental

Environment	Indoor, Outdoor
Operating temperature	-20 to +50°C
Storage temperature	-20 to +50°C

#### Regulatory

Compliance	CE, RoHS
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