

# ACL870FL-BS

## ACL800 Biometric Swipe reader - Fingerprint, Stand alone, Flush mount, 100 Templates, Electronic only (no frame included)

### Product description

These flush mount ACL870FL-BS readers includes a buzzer and a tri-color LED for state indication (access granted, access denied or idle). The ACL870FL-BS is a simple one-door standalone biometric system (or 2 doors when used with ACL870FL-PB-S). If a secure installation is needed, the reader can be connected to a ACL800FL-RU2-W remote relay unit in a secured area, which also plays the role of a Request-To-Exit button. The complete setup and programming can be done by scrolling and tapping on the sensor. The reader can store up to 99 finger templates. One template is reserved for User manager (Administrator), one template is reserved for Reader configuration (Installer) and up to 97 templates are for Users

### The ACL800 range

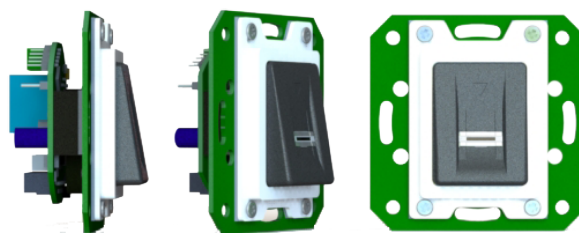
The ACL800 Series consists of all the required elements to establish a range with a state-of-the-art design. This new range, consisting of readers, stand-alone keypad readers and Request-To-Exit touch sensitive push buttons, provides all you need for a coherent look-and-feel attractive project. The product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

### Card technology

The readers are compatible with the TruPortal (125 KHz) credential range and other industry standards like MIFARE Classic, - Plus, - Ultralight and - DESFire EV1. 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. The Proximity card type can be selected through DIP switches in \HID only\

### 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 - in a electrical gang box
- Dust proof and water-resistant (IP65)
- Attractive and timeless design
- Includes a buzzer
- Tri-color LED's
- Flush mount
- Backlight illumination
- Simple one-door standalone biometric system
- Reader programming is quick and easy

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## Technical specifications

### Technology

Reader type	BioMetric
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### System

Max. reader distance to panel	50 m
RTE (Request To Exit)	No
CSN (Card Serial Number)	No
No. of LEDs	3
No. of covers included	1

### Biometric

Biometric type	Fingerprint
Biometric sensor type	Swipe
Biometric template storage size	100 fingerprints (97 users and 3 for programming)
Biometric Sensor Type	Swipe Capacitive
Programming	1x Master and 2x Admin Manager fingers

### Interface & connections

Connector type	Terminal Strip
Output	One relay NO/NC contacts
Output maximum current	2A, 24 VAC/VDC

### Tamper type

Pry-off tamper	No
Opening tamper	Yes

### Operation

Stand-alone	Yes
Stand-alone no. of users	100
PIN keypad	No
Green LED	Potential Free
Red LED	Potential Free
Orange LED	Idle mode
Illumination	Blue backlight (programmable on/off control)
Buzzer	1
Door time	Pulse (1-30 s) or Toggle (ON/OFF)
Entry mode	Finger (basic installation) Finger or Card (when used with card reader) Finger or PIN code (when used with keypad)

### Support

Language installation manual	English
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### Electrical

Power supply type	VDC
Power supply value	9 to 14 VDC
Current consumption	100 mA at 12 VDC max

### Physical

Physical dimensions	80 x 80 x 9 mm
Colour	Silver
Material	Moulded aluminium
Form factor	Oversized
Mounting type	Flush Mount

### Environmental

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

### Standards & regulation

Compliance	CE, RoHS
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As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

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