Product data sheet

United Technologies
Climate | Controls | Security

ACL870SU-PB-S

ACL800 Request-To-Exit Touch capacitive push button with remote electronic, Silver, Surface mount, Stand alone or for use with all ACL87xSU/FL-Bx Standalone biometric readers.

Product description

ACL800-PB Series is a Request-To-Exit Surface mount Push Button switch, it will work independently (standalone) or can equally be connected via a controller to provide exit from a secured area (Push Button Input). It includes a buzzer and a dual LED. The ACL800-PB Series can work in pulse (3, 5, 10 sec) or latch mode.

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\ HID and EM\" \"HID and Casi\" \"Casi only\" or \"EM only\" and Wiegand outputs automatically according to the card type."

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
- Touch Sensitive Technology
- Includes a buzzer
- Dual LED
- Work in pulse (3, 5, 10 sec) or On/Off latched mode
- Surface mount
- Backlight illumination
- Request-To-Exit Push Button with Remote Electronics to provide exit from a secured area.

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Technical specifications

Technology

Request to Exit	Touch Sensitive

System

Max. reader distance to panel	50 m
RTE (Request To Exit)	Yes
CSN (Card Serial Number)	No
Custom data model	No
No. of LEDs	2
No. of covers included	1

Interface & connections

Connector type	Pigtail
Pigtail length	100 cm
Exit	Relay 1A (NO/C/NC)
Relay Output	On/off Latched or Timed (3, 5 or 10 seconds)

Tamper type

Pry-off tamper	No
Opening tamper	Yes

Operation

Stand-alone	Yes
PIN keypad	No
Backlighting	Green (Door opened) – Red (Door Closed)
Visual and Sound signals	Complete button lighting + buzzer

Support

Language installation manual	English

Electrical

Power supply type	VDC
Power supply value	5 to 24 VDC 15 to 24 VAC
Current consumption	100 mA at 24 VDC Maximum 65 mA at 24 VDC Typical 65 mA at 12 VDC

Physical

Physical dimensions	92 x 51 x 25 mm
Net weight	163 g
Shipping weight	295 g
Colour	Silver
Material	Moulded aluminium
Form factor	Mullion
Mounting type	Surface Mount

Environmental

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

Standards & regulation

Compliancy	CE, RoHS