ACL870DINW

Wiegand Flush Mount Keypad

Silver Wiegand Flush Keypad

The ACL800 range consists of all the required elements to establish an attractive access reader range with a state-of-the-art design. This new range of readers, consisting of access readers, stand-alone keypad readers and touch sensitive pushbuttons, provides all you need for a coherent look-and-feel throughout the new range of readers. Moving forward, this product range will be further developed with the addition of biometric readers and other card technologies.
The access readers & pushbuttons have different mounting possibilities: either flush mounted within the electrical wall sockets or surface mounted with a stylish, small, modern-looking molded aluminum design. The flush mounted design comes with replaceable covers available in multiple colors to easily blend into a contemporary lifestyle. The built-in tamper construction provides additional pry-off security.

From a card technology point-of-view, the readers are compatible with the TruPortal (125 KHz) credential rang and other industry standards like MIFARE Classic, MIFARE Ultralight and MIFARE DESFire EV1. These technologies use the CSN (Card Serial Number) or UID (Unique Identifier) as credential identifier. By default the readers are programmed to be compatible with the most commonly used panels available on the market (26 bit wiegand output). To accommodate the latest technologies, a selectable wiegand bit output is implemented. The wiegand output can be configured to be either 26 bit, 32 bit or 56 bit (+ two parity bits). This ensures uniqueness of the Mifare CSN across the different ranges, while still providing backwards compatibility with access control panels that are not yet able to cope with higher bit configurations.

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, or management software packages like OnGuard and FCWnx. This compatibility is provided for both the 125 Khz credentials and the 13.56 Mhz credentials, while using the full length wiegand format in the management software. The TruPortal learn-in reader can be used with other third-party management packages as well, as long as they are using the standard Wiegand formatting of the credentials.

Details

- Indoor (IP40)

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Technical Specifications

Technology

Reader Type	Non-technology
Read Write	No
SAM Module Embedded	No

System

Maximum Reader distance to panel	152 m
RTE (Request To Exit)	No
Custom Data Model	No
No. of LEDs	1
No. of covers included	1

Interface & connections

Interface	Wiegand
Connector Type	Terminal Strip
Pigtail Length	90 cm

Tamper type

Pry-Off Tamper	No
Opening Tamper	Yes

Operation

Stand-Alone	Yes
Stand-alone no. of users	99
PIN Keypad	Yes
PIN Length	6

Electrical

Power supply type	VDC
Power supply value	5 to 24 VDC
Current consumption	30 mA @ 24 VDC

Physical

Physical dimensions	80 x 80 x 9 mm
Net weight	140 g
Shipping weight	190 g
Material	Moulded aluminium
Form factor	EMEA gangbox
Mounting Type	Surface Mount

Environmental

Operating temperature	-20 to +50°C
Storage temperature	-20 to +50°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor
IP-rating	IP 40

Standards & regulation

Compliancy	CE, RoHS

Moutning

Electrical flush back box

Housing

ABS

Colour

By using front cover

Keys

Backlit Metallic

Resin Potted Electronic

No

Communication Protocols

Compatible with Wiegand 26, 30, 34, 40, 42, 58 bit, Clock & Data or 8bit per key

Green LED

Externally Controlled

Red LED

Externally Controlled

Orange LED

Programming status

Buzzer

1

Tamper Protection

When open or dismantled

Power Consumption

70 mA

Power

9-14V DC

IP Rating

40

Operatin Temperature

-20ºC to +50ºC

Dimensions

80 mm x 80 mm x 9 mm

United Technologies

Climate | Controls | Security