Battery operated digital lock [ PiACK II ]

PiACK II is available for Both RFID card and PIN access, suitable digital door lock for apartment and residence.

RFID card access (OR mode)

1. Press start button 1 time.
2. Tap the card to unlock.
3. Operate lever to open.

PIN access (OR mode)

1. Press start button 2 times to activate PIN pad.
2. Input PIN to unlock.
3. Operate lever to open.

Enhanced safety
Random fake PIN feature is available to prevent intruders from checking the fingerprint marks left.

Peeping preventing screen
Random fake PIN
Pressing random fake numbers before entering PIN

Various authentication mode available
[OR mode]
Use RFID card or PIN to unlock / lock. If PIN is registered, easy locking function is available.

[AND mode]
Require RFID card and PIN to unlock / lock for high security option. (Easy locking function is not available in AND mode)

Mechanical key override option
In emergency situation, can be unlocked by mechanical key after removing cylinder cover.

Note:
Auto locking function is not available.
Easy locking function is available only [OR mode] with PIN registered.
Easy installation without additional door cutting from Miwa mechanical lock. Suitable for retrofit installation.

Just replace existing cylinder and thumb-turn

[ Existing Miwa mechanical lock ]

[ PIACK II (DTFL2) ]

Long battery life
AA alkaline battery or AA lithium battery are available with up to 2-year operation.

Circumstance of usage
- 0°C~50°C : AA alkaline battery
- -30°C~50°C : AA lithium battery
(Lithium battery is suitable for cold area)

Battery life is approximately 2 years (10 times per day operation in 20°C environment) Battery low alert is available with LED and buzzer. Even if battery is dead, external power supply is available.

Compatible mechanical lock

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTLF2G-DA</td>
<td>MIWA LA/LAF/MA/DA/DAF series</td>
</tr>
</tbody>
</table>

Specification

<table>
<thead>
<tr>
<th>ID capacity</th>
<th>RFID card</th>
<th>PIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction: 10 IDs / Registration card: 5 IDs / User card: 100 IDs / Master card: 10 IDs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[OR mode] Construction: 3 IDs (4-12 digits) User: 3 IDs (4-12 digits) / Master: 1 ID (4-12 digits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[AND mode] 1 ID for each card. (Only 4 digits)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Handed: Can be switched at site
Durability: 100,000 times
Battery: 4 AA alkaline / 4 AA lithium
External power supply: 9V square alkaline battery
Battery life: Up to 2 years (10 times per day operation in 20°C environment)
Temperature / humidity: IP rating. Outside: IPX5 / Inside: IPX4

Note:
- Mechanical lock (lockcase, lever handle, Cylinder, Strike) and RFID card need to be ordered separately.
- Please check in advance if this product will not interfere with the existing frame and door guard.

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Drawing

Note 1:
Since it may interfere with the door guard when removing the battery cover, please be sure to check the dimensions in advance.

Note 2:
It shows dimension of a gasket.

Timber door installation
Check if there is enough room for cabling above lock case inside of the door. If no, make additional door cut required as instruct.