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DEVELCO PRODUCTS PBTZB-110 Programmable Panic Button Instruction Manual

Contents

PBTZB-110 Programmable Panic Button

Product Information

- **Product Name:** Panic Button – PBTZB-110
- **Manufacturer:** Develco Products A/S
- **Website:** http://develcoproducts.com
- **Email:** info@develcoproducts.com.

Revision Date: 29.07.2021

Features

The Panic Button is a programmable, Zigbee-based button that can be used for multiple purposes. It can be used as a safety button for emergencies, a door lock button, or a switch for lights or all on/off functionality. The button can be programmed to fit the requirements of your solution. The wireless button can also be programmed as an alarm button for the elderly or disabled, enabling them to easily alert friends,family, or healthcare professionals in case of an emergency. The Panic Button helps the elderly and disabled gain more independence and security, while providing peace of mind to friends and relatives by ensuring their loved ones are safe.

IAS Zone

The Panic Button is implemented as an IAS Zone ZigBee end point according to the ZigBee Home Automation profile, IAS Zone.

Key Features

- Programmable Zigbee-based button

- Can be used for multiple purposes

- Can be programmed as a safety button, door lock button, or switch for lights or all on/off functionality

- Can be programmed as an alarm button for the elderly or disabled

- Provides independence and security for the elderly and disabled

- Allows easy alerting of friends, family, or healthcare professionals in case of an emergency

Usage Instructions

1. Program the Panic Button according to your requirements.

2. For emergency use, simply press the Panic Button to alert others if help is needed.

3. If using the Panic Button as an alarm button for the elderly or disabled, program it to easily alert friends, family, or healthcare professionals in case of an emergency.

4. Ensure the Panic Button is within range of the Zigbee network for proper functionality.

Cautionary notes

Develco Products A/S reserves the right to make changes to any product to improve reliability without further notice. Develco Products A/S does not assume any liability arising out of the application or use of any product or circuit described herein; neither does it convey any license under patent rights or the rights of third parties.

Features
Panic Button – PBTZB-110 The Panic Button is a programmable, Zigbee-based button that can be used for multiple purposes. For example, the Panic Button can be used as a safety button for emergencies, as a door lock button, or as a switch for lights or "all on/off" functionality that enables the user to switch multiple home appliances on or off in the press of a single button. You can program the button to fit the requirements of your solution. You can program the wireless button as an alarm button for elderly or disabled, enabling them to easily alert friends and family or healthcare professionals, if an emergency occurs. Being more vulnerable to all kinds of dangers, elderly and disabled can benefit from an easy way to call for help in case of an emergency. With the Panic Button, they can simply press a button to alert others if they need help. The Panic Button can help elderly and disabled gain more independence and security, and it can give friends and relatives peace of mind and reassurance that their loved one is safe.

IAS Zone
The Panic Button is implemented as a IAS Zone ZigBee end point according to ZigBee Home Automation profile „IAS Zone".
Key features

- Alarm sensor – IAS Zone

- ZigBee OTA cluster for firmware upgrades

- ZigBee 3.0 stack supported

- Water repellent

- RoHS compliant according to the EU Directive 2002/95/EC

- Standard ZigBee Home Automation security and stack settings are used

Endpoints
The device implements the following standard HA devices on different end points.

ZigBee Device Object (ZDO)

- End point number 0x00
- Application profile Id 0x0000
- Application device Id 0x0000
- Supports all mandatory clusters

IAS Zone

- End point number 0x23
- Application profile Id 0x0104 (Home Automation)
- Application device Id 0x0402

Develco Utility

- Application profile Id 0xC0C9 (Develco Products private profile)
- Application device Id 0x0001
- Manufactor code for Develco Products is 0x1015
- Private profile for internal Develco Products use only.

Reference documents:

- **053474r18ZB_CSG-ZigBee-Specification.pdf**.
- 075123r03ZB_AFG-ZigBee_Cluster_Library_Specification.pdf
- 053520r27ZB_HA_PTG-Home-Automation-Profile.pdf
- 075356r15ZB_ZSE-ZSE-AMI_Profile_Specification.pdf
- They can all be downloaded from :
- http://www.zigbee.org/Products/DownloadZigBeeTechnicalDocuments.aspx

Documents / Resources

DEVELCO Panic Button - PBTZB-110 Technical manual Zigbee	**DEVELCO PRODUCTS PBTZB-110 Programmable Panic Button** [pdf] Instruction Manual PBTZB-110, PBTZB-110 Programmable Panic Button, Programmable Panic Button, Panic Button, Button

References

- ⃝ **Develco Products - White label products for security, home care, and energy management.**