SMART
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Fifth Avenue Panel

MKE080 MKE081 MKE082

KNX Application Configuration Manual

This manual explains the ETS application settings for the Fifth Avenue panel family, including general settings, button functions and relay outputs. Select the hardware type and configure the parameters and group objects required for your installation.

English edition prepared by Smart Building Solutions from the supplied manufacturer application manual. Parameter names and group-object labels are retained so they can be matched to the ETS interface.



2 buttons



3 buttons



6 buttons

ETS parameter reference | English edition | October 2026

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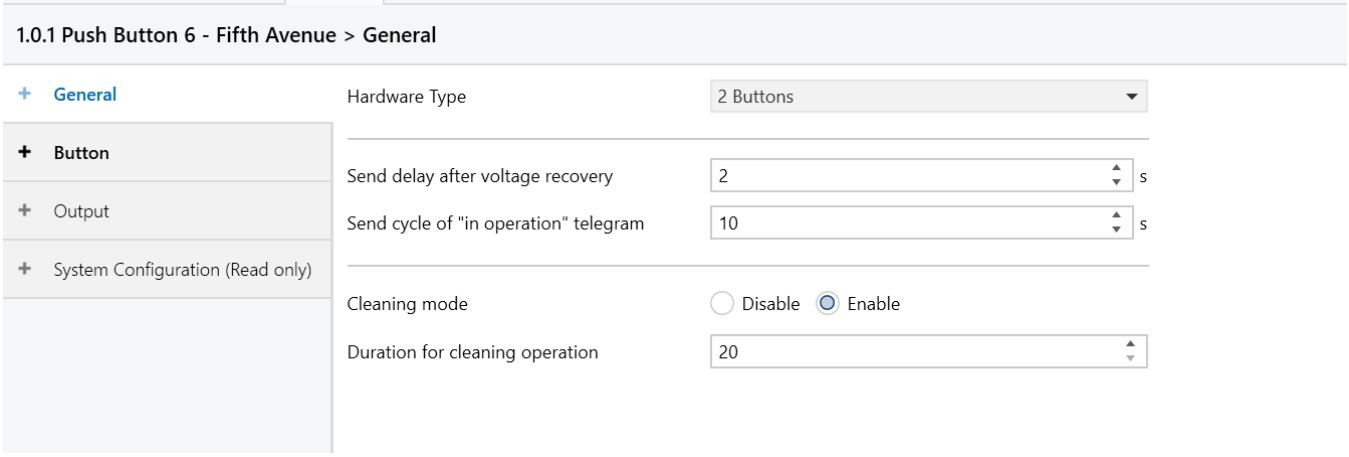
Using this manual

Match the parameter and group-object names below to the ETS application. Configure the hardware type first, then the button functions and the relay outputs used by the project. Values in screenshots are examples rather than prescribed project settings.

Product variants

The supplied product photographs show the 2-button, 3-button and 6-button versions without decorative wallplates. Engraved labels illustrate possible functions; button actions are configured in ETS. This document covers application configuration and does not replace a model-specific wiring or installation guide.

1 General settings



ETS configuration view

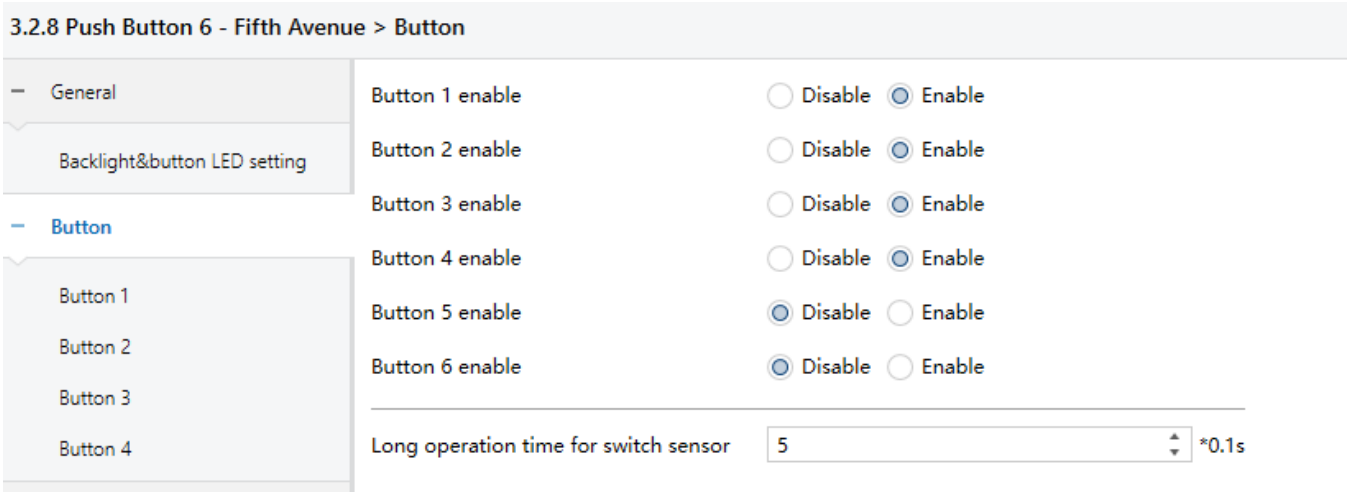
Hardware and operating settings

ETS parameter	Purpose and options	Range
Hardware Type	Select the control-panel button configuration.	2, 4 or 6 buttons
Send delay after voltage recovery	Delay between power-up and sending data.	0 to 15
Send cycle of "In operation" telegram	Set the interval for the In operation group-object telegram.	Not specified
Cleaning mode	Disable or Enable. Cleaning mode temporarily locks all button functions. Group object: Cleaning mode.	Disable / Enable
Duration for cleaning operation	Set the cleaning period. Normal button operation resumes when it ends.	Not specified

Backlight and button LED settings

ETS parameter	Purpose and options	Range
The LED action on button pressed	Choose Always on or Flashing when a button is pressed.	Always on / Flashing
The LED brightness setting	Brightness following a button press.	0 to 100%
LED action duration in operation	Duration of the steady LED indication after a button press.	1 to 15 s
Flashing frequency in operation	Select the LED flashing frequency.	0.5, 0.6, 0.8, 1.25, 2.5, 4 or 8 Hz
LED brightness	Brightness outside standby mode.	0 to 100%
Delay time for normal to standby	Time before standby. A value of 0 prevents standby.	0 to 255 s
Brightness value in standby mode	LED brightness during standby.	0 to 50%

2 Button configuration



ETS configuration view

Button 1 to 6 enable

Set whether to enable each of the six buttons, numbered 1 to 6.

Disable

Enable

Long operation time for switch sensor

Set the button hold time required for a long press. [Range: 3-250]*0.1s

Standard button functions for device control

Function type

Standard function

Basic device operation and control, such as switching, dimming, and scene recall.

Extended function

Multiple-operation functions in addition to the standard functions.

Button operation mode

Set the button operation mode.

Reaction on short operation: short press.

Reaction on press&release operation: press and release.

Reaction on short&long&double-click operation: short press, long press and double-click.

Use the same configuration items and setup methods for the different modes; only the button triggers differ.

Target type for control for short operation

Select the type of target controlled by a button operation.

Control devices

Control devices with a short press, long press, or double press.

Control scene

Control scenes with a short press, long press, or double press.

Attribute of end device for control

Select the device attribute controlled by a short press.

No action: perform no operation.

Perform no action on the target device on a short press.

Switch

Provide basic on/off control.

Group object: Short,Switch

Switch value

Set the switching value sent by the button.

On

Off

Toggle

Alternate the device between on and off each time the button is pressed.

Percentage

Use the button to control the percentage setting of the device, such as light brightness or curtain opening level.

Group object: Short,Percentage

Percentage Value

Set the operating level or output of the device from 0% (fully off or closed) to 100% (fully on or open).

Toggle enable

Toggle the current device state.

Disable

Enable

Enable toggling. Switch between the current state and another preset state whenever an input is triggered, such as a button press. For example, with a preset value of 40%, toggle between 40% and 0%.

Dimming

Control light brightness.

Group object: Short,Dimming

Relative dimming mode

Adjust brightness by starting and stopping the dimming process.

Relative dimming operation

Darker

Brighter

Brighter/Darker

Step dimming mode

This mode allows users to adjust brightness in a series of steps, with each step representing a fixed change in brightness. Users can increase brightness using one signal and decrease brightness using another, with each adjustment made according to a preset step size.

Relative dimming operation

Darker

Brighter

Brighter/Darker

Step size

Set the brightness change for each dimming operation.

Interval of tele. cyclic send (0= send once)

In Step Dimming Mode, this parameter sets the time interval between repeated dimming commands. When set to 0, the system sends the dimming command only once, without repeating it.

RGB

Control the color of RGB lights.

RGB value

Set the color of RGB lights.

Object type of RGB value

1x3byte

Combine the RGB values in one 3-byte datapoint.

Group object: Short,RGB

3x1byte

Use three separate 1-byte datapoints for the RGB values.

Group object: Short,R, Short,G, Short,B

RGBW

Control the color and brightness of RGBW lights.

RGB value

Set the color of RGB lights.

White

Set the white brightness value.

Object type of RGBW value

1x6byte

Combine the RGBW values in one 6-byte datapoint.

Group object: Short,RGBW

4x1byte

Use four separate 1-byte datapoints for the RGBW values.

Group object: Short,R, Short,G, Short,B short.Percentage

Colour temperature

Control the color temperature of tunable-white lights.

Group object: Short,Colour temperature

Colour temperature value

Set the color temperature value. [Range: 2400-10000]

Stop operation

Stop the operation currently in progress.

Group object: Short, Stop

Value sender

Send a specific value on a short press. Values may be preset or calculated from relevant parameters.

Group object: Short,(Value sender)

Data type

Set the Data type.

Send Value

Set the value to send according to the selected Data type.

Disable function

Set whether to disable the button function.

Disable

Do not enable the button disable function.

Disable=1/enable=0

Disable the button when 1 is received and enable it when 0 is received.

Disable=0/enable=1

Disable the button when 0 is received and enable it when 1 is received.

Description (max 30char.)

Set the button description, using no more than 30 characters.

Standard button functions for scene control

Scene operation

Set the scene operation mode.

No action: perform no operation.

Recall scene: recall a scene.

Restore scene: store a scene.

Scene Number

Set the scene number.

Toggle function

Set whether to enable scene toggling.

Disable

Disable scene toggling.

Enable

Enable scene toggling.

Extended button functions

Extended function type

Multiple operation

Multiple operation function. This function distinguishes between single, double, triple, and quadruple button presses and sends a different value for each type of operation.

Multiple operation type

Configure the button with different operation modes to perform different control functions.

Disable

Deactivate the corresponding button or operation when set to "Disable". Send no commands or feedback.

1bit On/Off

Each short or long press of the button sends a signal to toggle the device state, for example to switch a light on or off.

Group object: Object1_On/Off

Short operation-value1

Set the action performed on a short press.

No reaction

Perform no action and send no command on a short press.

On

Send a command to turn on the connected device or enable the corresponding function on a short press.

Off

Send a command to turn off the connected device or disable the corresponding function on a short press.

Toggle

In Toggle mode, each short press of the button toggles the device state. If the device is on, a short press turns it off; if the device is off, a short press turns it on.

Long operation-value2

Set the action performed on a long press.

No reaction

Perform no action and send no command on a long press.

On

Send a command to turn on the connected device or enable the corresponding function on a long press.

Off

Send a command to turn off the connected device or disable the corresponding function on a long press.

Toggle

In Toggle mode, each long press of the button toggles the device state. If the device is on, a long press turns it off; if the device is off, a long press turns it on.

1bit Up/Down

Use the button to increase (Up) or decrease (Down) a value or control direction, for example to operate blinds.

Group object: Object1_Up/Down

Short operation-value1

Set the action performed on a short press.

No reaction

Perform no action and send no command on a short press.

Up

Send a command to increase the value or state of the connected device on a short press.

Down

Send a command to decrease the value or state of the connected device on a short press.

Up/Down

Send an "Up" or "Down" command on a short press, depending on the current state. The system determines whether to send an increase or decrease command based on the current state of the device.

Long operation-value2

Set the action performed on a long press.

No reaction

Perform no action and send no command on a long press.

Up

Send a command to increase the value or state of the connected device on a long press.

Down

Send a command to decrease the value or state of the connected device on a long press.

Up/Down

Send an "Up" or "Down" command on a long press, depending on the current state. The system determines whether to send an increase or decrease command based on the current state of the device.

1byte Recall Scene

This mode can use the button to recall a preset scene. Each button operation can trigger a specific scene, such as Home or Away.

Group object: Object1_RecallScene

Short operation-value1

Set the action performed on a short press.

No reaction

Perform no action and send no command to the bus on a short press.

Send value

Send the preset scene number to the bus on a short press.

Value 1

Set the scene number. [Range: Scene No.1- Scene No.64]

Long operation-value2

Set the action performed on a long press.

No reaction

Perform no action and send no command to the bus on a long press.

Send value

Send the preset scene number to the bus on a long press.

Value 2

Set the scene number. [Range: Scene No.1- Scene No.64]

1byte Store Scene

This mode can use the button to store the current states of the controlled devices in a scene to update its settings.

Group object: Object1_StoreScene

Short operation-value1

Set the action performed on a short press.

No reaction

Perform no action and send no command to the bus on a short press.

Send value

Send the preset scene number to the bus on a short press.

Value 1

Set the scene number. [Range: Scene No.1- Scene No.64]

Long operation-value2

Set the action performed on a long press.

No reaction

Perform no action and send no command to the bus on a long press.

Send value

Send the preset scene number to the bus on a long press.

Value 2

Set the scene number. [Range: Scene No.1- Scene No.64]

1byte Percentage

This mode can use the button to adjust the percentage settings of the device, such as light brightness or air conditioner fan speed.

Group object: Object1_Percentage

Short operation-value1

Set the action performed on a short press.

No reaction

Perform no action and send no command to the bus on a short press.

Send value

Send the preset brightness percentage to the bus on a short press.

Value 1

Set the light brightness percentage. [Range: 0-100%]

Long operation-value2

Set the action performed on a long press.

No reaction

Perform no action and send no command to the bus on a long press.

Send value

Send the preset brightness percentage to the bus on a long press.

Value 2

Set the light brightness percentage. [Range: 0-100%]

1byte Unsigned

This mode can send an unsigned 1-byte value using the button for various applications requiring numerical control.

Group object: Object1_Unsigned

Short operation-value1

Set the action performed on a short press.

No reaction

Perform no action and send no command to the bus on a short press.

Send value

Send the preset brightness value to the bus on a short press.

Value 1

Set the light brightness value. [Range: 0-255]

Long operation-value2

Set the action performed on a long press.

No reaction

Perform no action and send no command to the bus on a long press.

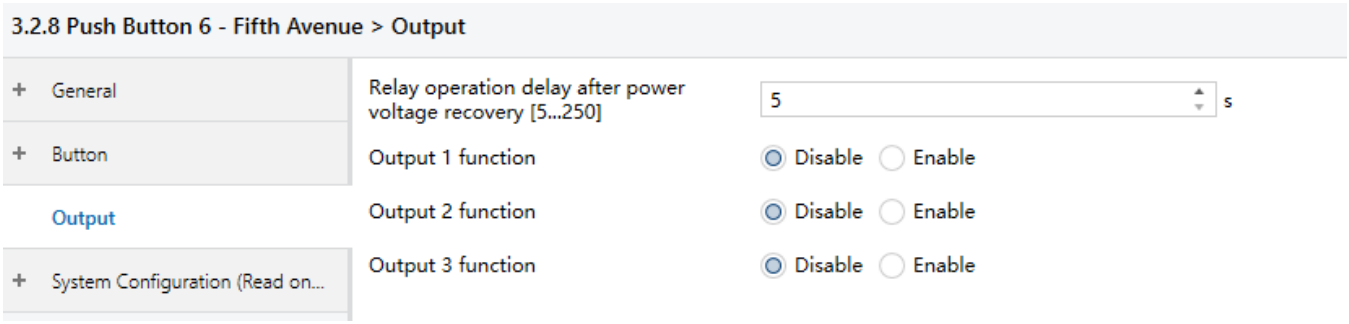
Send value

Send the preset brightness value to the bus on a long press.

Value 2

Set the light brightness value. [Range: 0-255]

3 Relay output configuration



ETS configuration view

Output(1-3)

Relay operation delay after power voltage recovery [5...250]

Set the delay before relay operation after the supply voltage is restored, to avoid disturbances to the bus and the 220V AC supply caused by simultaneous relay operation. [Range: 5-250s]

Output (1-3)function

Set whether to enable the device output function.

Group object: Switch

Disable

Disable the output.

Enable

Enable the output.

If power voltage recovery, contact is

Set the output relay state after the supply voltage is restored.

No change

Retain the last state before the power failure.

On

Off

Respond mode of switch status

Set whether to report the relay switching state to the bus.

Group object: Output-State-Switch

Disable

Enable

Delay function

Set whether to enable delayed output.

Disable

Disable the delay function.

Enable

Enable the delay function.

Delay time for switch on [0..65535]

Set the relay switch-on delay time. [Range: 0-65535s]

Delay time for switch off [0..65535]

Set the relay switch-off delay time. [Range: 0-65535s]

Scene function

Set whether to enable the scene control function.

Disable

Disable the scene function.

Enable

Enable the scene function.

(1-8)> channel is assigned to (1..64)

Assign scene numbers to the relay channel. [Range: Scene No.1- Scene No.64 or No assignment (unassigned)]. Each relay channel supports 8 scenes.

Standard output value is

Set the output state of the relay channel in the scene.

ON

On

OFF

Off