

# Project: e-Bus coupling KNX

# **Project Code:**

# MANUAL

 Doc. name:
 PJ20501 - MANUAL e-Bus coupling KNX - Rev 0.1 (EN).docx

 Revision:
 1

 No. of pages:
 109

 Date:
 30/03/2021

Created by:	DGM	Revised by:	DGM	Approved by:	RFH
Date:	29/03/2021	Date:	30/03/2021	Date:	30/03/2021
Signature		Signature		Signature	

Electronic Intelligent Controls, S. L. C/ Passatge Garrotxa, 6 08830 Sant Boi de Llobregat Barcelona Tel.: (+34) 936 525 521 Fax: (+34) 936 525 522

www.e-controls.es info@e-controls.es

Contents

1.1. Unit now or cumply	4
1.1. Unit power supply	7
1.2. Communications	
2. Unit operation description	7
2.1. Initial start-up of the non-configured unit	7
2.2. Initial configuration of the unit (KNX)	7
2.3. Start-up sequence	7
2.4. Clean mode	7
2.5. KNX PROG button pressing via NFC	8
2.6. LEDs Auto Off mode	8
2.7. Wrong touch switch configuration	8
2.8. Internal error	8
2.9. Short touch time	8
3. Functions of the unit	8
3.1. Paired functions	8
3.2. Individual functions	9
3.3. Functions of the LEDs	9
3.3.1. Global parameters	
3.3.2. Individual parameters	
3.4. Clean function	
3.5. Button sensitivity setting	-
4. Paired functions description	
4.1. Dimming function	
4.1.1. Parameters (example for pair A)	
4.2. Shutter function	
4.2.1. Parameters (example for pair A)	
5. Description of independent functions	
5.1. Switch function	
5.2. Scene function	
5.3. Send value	
5.3. Send value	13
5.4. Single-button dimming function	13 14
5.4. Single-button dimming function 5.5. Single-button shutter function	13 14 15
<ul><li>5.4. Single-button dimming function</li><li>5.5. Single-button shutter function</li><li>5.5.1. Raise action</li></ul>	13 14 15 15
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> </ul>	13 14 15 15 15
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> </ul>	13 14 15 15 15 15
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> </ul>	13 14 15 15 15 15 16
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> </ul>	13 14 15 15 15 15 16 16
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> </ul>	13 14 15 15 15 15 16 16 16
<ul> <li>5.4. Single-button dimming function</li></ul>	13 14 15 15 15 16 16 16 18
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> <li>6.1.2. Buttons</li> <li>6.2. Configuration of functions for paired buttons</li> </ul>	13 14 15 15 15 16 16 16 18 18
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> <li>6.1.2. Buttons</li> <li>6.2. Configuration of functions for paired buttons</li> <li>6.2.1. Buttons (X)1/(X)2 - Dimming mode*</li> </ul>	13 14 15 15 15 16 16 16 18 18 18
<ul> <li>5.4. Single-button dimming function</li></ul>	13 14 15 15 15 16 16 16 18 18 18 18 19
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> <li>6.1.2. Buttons</li> <li>6.2. Configuration of functions for paired buttons</li> <li>6.2.1. Buttons (X)1/(X)2 - Dimming mode*</li> <li>6.2.2. Buttons (X)1/(X)2 - Shutter mode*</li> <li>6.3. Configuration of functions for individual buttons</li> </ul>	13 14 15 15 15 16 16 16 18 18 18 18 19 19
<ul> <li>5.4. Single-button dimming function</li></ul>	13 14 15 15 15 16 16 16 18 18 18 18 19 19 19
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> <li>6.1.2. Buttons</li> <li>6.2. Configuration of functions for paired buttons</li> <li>6.2.1. Buttons (X)1/(X)2 - Dimming mode*</li> <li>6.2.2. Buttons (X)1/(X)2 - Shutter mode*</li> <li>6.3. Configuration of functions for individual buttons</li> <li>6.3.1. Switch mode functions</li> <li>Parameters of the Switch on touch configuration</li> </ul>	13 14 15 15 15 16 16 16 18 18 18 18 19 19 19 20
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> <li>6.1.2. Buttons</li> <li>6.2. Configuration of functions for paired buttons</li> <li>6.2.1. Buttons (X)1/(X)2 - Dimming mode*</li> <li>6.2.2. Buttons (X)1/(X)2 - Shutter mode*</li> <li>6.3.1. Configuration of functions for individual buttons</li> <li>6.3.1. Switch mode functions</li> <li>Parameters of the Toggle on touch configuration</li> </ul>	13 14 15 15 15 16 16 16 16 18 18 18 19 19 19 19 20 20
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> <li>6.1.2. Buttons</li> <li>6.2. Configuration of functions for paired buttons</li> <li>6.2.1. Buttons (X)1/(X)2 - Dimming mode*</li> <li>6.2.2. Buttons (X)1/(X)2 - Shutter mode*</li> <li>6.3. Configuration of functions for individual buttons</li> <li>6.3.1. Switch mode functions</li> <li>Parameters of the Switch on touch configuration</li> <li>Parameters of the Send status configuration</li> </ul>	13 14 15 15 15 16 16 16 16 18 18 18 18 19 19 19 19 20 20
<ul> <li>5.4. Single-button dimming function.</li> <li>5.5. Single-button shutter function.</li> <li>5.5.1. Raise action.</li> <li>5.5.2. Lower action</li></ul>	13 14 15 15 15 16 16 16 18 18 18 18 19 19 19 20 20 21
<ul> <li>5.4. Single-button dimming function</li> <li>5.5. Single-button shutter function</li> <li>5.5.1. Raise action</li> <li>5.5.2. Lower action</li> <li>5.5.3. Raise/Lower action</li> <li>6. Unit parameters</li> <li>6.1. General settings</li> <li>6.1.1. Touch switch</li> <li>6.1.2. Buttons</li> <li>6.2. Configuration of functions for paired buttons</li> <li>6.2.1. Buttons (X)1/(X)2 - Dimming mode*</li> <li>6.2.2. Buttons (X)1/(X)2 - Shutter mode*</li> <li>6.3. Configuration of functions for individual buttons</li> <li>6.3.1. Switch mode functions</li> <li>Parameters of the Switch on touch configuration</li> <li>Parameters of the Send status configuration</li> <li>Parameters of the Short/long switch configuration</li> <li>6.3.2. Scene mode functions</li> </ul>	13 14 15 15 15 16 16 16 16 18 18 18 19 19 19 19 20 20 21 21 22
<ul> <li>5.4. Single-button dimming function.</li> <li>5.5. Single-button shutter function.</li> <li>5.5.1. Raise action.</li> <li>5.5.2. Lower action</li></ul>	13 14 15 15 15 16 16 16 18 18 18 19 19 19 20 20 21 22 23

Parameters of the Send value - Send on touch/release configuration	24
Parameters of the Send value - Send on short/long configuration	25
Parameters of the Send value - Send on long configuration	26
6.3.4. Single-button Dimming mode functions	
Single-button Dimming – Toggle mode disable parameters	27
Single-button Dimming – Toggle mode enable parameters	27
6.3.5. Single-button Shutter mode functions	28
7. Definition of the unit's object groups	29
7.1. Group objects summary	29
7.2. Group objects description	38
7.2.1. Button pair A objects	
7.2.2. Button pair B objects	46
7.2.3. Button pair C objects	
7.2.4. Button pair D objects	
7.2.5. Button pair E objects	
7.2.6. Button pair F objects	
7.2.7. Single button 1 objects	
7.2.8. Single button 2 objects	89
7.2.9. Single button 3 objects	93
7.2.10. Single button 4 objects	96
7.2.11. Single button 5 objects	. 100
7.2.12. Single button 6 objects	. 103
7.2.13. Sensor objects	. 107
8. Consumption values of the e-Bus Coupling KNX	
9. Related documentation	. 109
10. Revision log	. 109

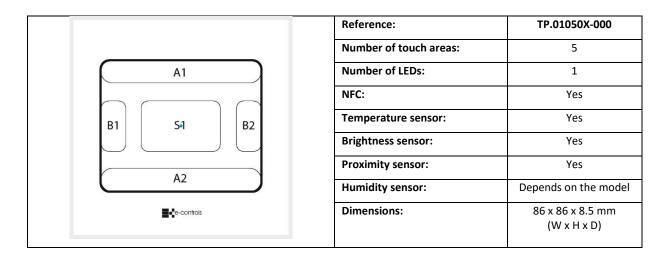
# 1. Product description

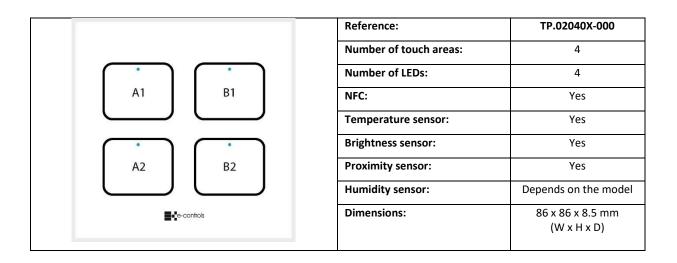
It is a KNX control device that is combined with a touch switch with presence, brightness and temperature sensors and, depending on the model, a humidity sensor. To indicate that the desired model should be equipped with a humidity sensor, add the suffix -HR to the touch switch's reference number.

When connected to a touch switch, the unit has NFC connectivity, enabling the activation of the programming mode and the clean mode from an app for Android devices.

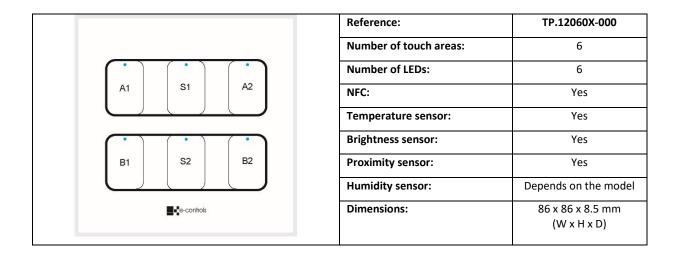
The buttons of the touch switches are fully customisable thanks to the E-TOUCH CREATOR on our website <u>www.e-controls.es</u>. You can also modify the design whenever you want, given that the icons and texts of the buttons can easily be replaced.

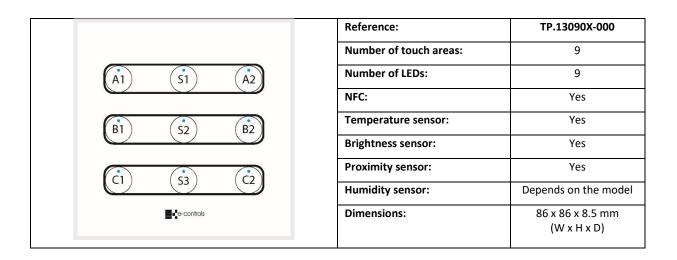
The compatible touch switches are as follows:

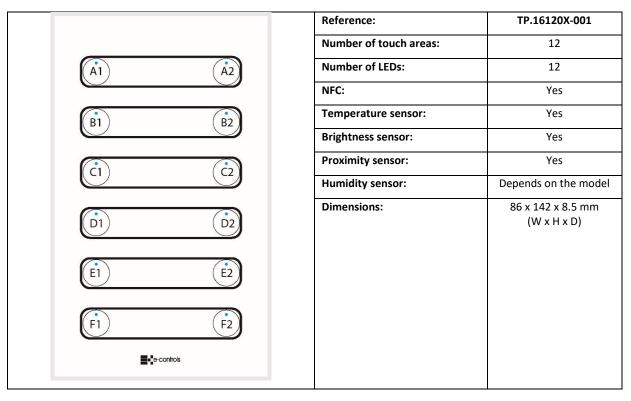


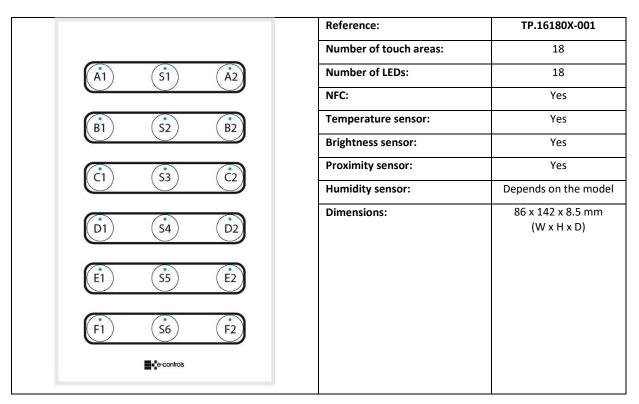


	Reference:	TP.02060X-000
	Number of touch areas:	6
A1 B1	Number of LEDs:	2
	NFC:	Yes
S•1 S•2	Temperature sensor:	Yes
	Brightness sensor:	Yes
A2 B2	Proximity sensor:	Yes
	Humidity sensor:	Depends on the model
	Dimensions:	86 x 86 x 8.5 mm (W x H x D)









The "X" digit of the reference may be:

0 2 White Black

#### 1.1. Unit power supply

The unit is supplied with power by means of the KNX TP, which respects the specifications of the standard and has a voltage range between 21 V DC and 31 V DC.

#### **1.2.** Communications

The unit has a KNX TP communications interface, which is also the unit's power supply.

# 2. Unit operation description

The unit works in combination with different models of touch switches. Depending on the touch switch model, it will have more or fewer buttons available. The configuration of each touch switch's buttons is detailed in section 1.

## 2.1. Initial start-up of the non-configured unit

The unit's factory configuration is the touch switch model with 1 button and 5 touch areas (ref. TP.01050X-000).

If the connected touch switch is a different model, the touch switch will start the "Wrong touch switch configuration" sequence until it receives a new touch switch configuration via ETS.

## 2.2. Initial configuration of the unit (KNX)

Upon receiving the configuration from ETS, the unit will start up with the received configuration and perform the start-up sequence, which will start within 30 seconds of loading the configuration.

### 2.3. Start-up sequence

When the unit is connected to the power supply, it performs a self-test on the peripherals and sequentially activates the LEDs of the touch switch, switching them ON and OFF from the top-left LED to the bottom-right LED (moving left to right). The unit then enters normal operation mode.

This initial sequence makes it possible to detect whether there is a defective LED. If an ERROR is detected between the configuration and the hardware (e.g. the configured touch switch does not match the one installed), the start-up sequence will be constant but in the reverse order, that is, from the bottom-right LED to the top-left LED (moving right to left).

## 2.4. Clean mode

The clean mode is used to clean the front of the unit without activating any of the buttons.

When enabled, it is activated by means of the continuous detection of an object in front of the proximity sensor for 5 seconds. If a button is touched during this 5-second period, its activation is annulled.

It is advisable to cover the sensor with a white cloth or piece of paper to facilitate detection.

In this mode the buttons do not work for the configured period to enable their cleaning. In clean mode, all the LEDs are switched off with the exception of LED 1, which will flash (600 ms On and 600 ms Off). When the clean mode reaches the end of the configured period, the LEDs return to their previous status.

If an activation or deactivation event for an object-controlled LED is received in clean mode, its status will be refreshed, enabling the activation or deactivation of the LED.

It is also **always possible to activate** clean mode with an NFC command sent from an Android with the corresponding app. The touch switch is always deactivated for a period of 60 seconds with NFC.

The unit will not enter clean mode if the programming mode has been activated by an NFC

command.

## 2.5. KNX PROG button pressing via NFC

The programming button can be activated by means of an NFC command sent from an Android device equipped with NFC and the corresponding app.

The command simulates the pressing of the programming button. Depending on the previous status, the unit's programming mode will be activated or deactivated.

If the programming mode is activated, all the LEDs will be switched off with the exception of LED 1, which will flash (1 second ON, 1 second OFF) for as long as the unit is in programming mode.

If an activation or deactivation event for an object-controlled LED is received via NFC in programming mode, its status will be refreshed, enabling the activation or deactivation of the LED.

In this mode the buttons do not work until the unit is programmed or the NFC programming mode period times out.

The programming mode activated via NFC has a duration of 10 minutes, after which the unit returns to its normal operating mode.

If the actual programming button on the unit is pressed while the programming mode is activated via NFC, the programming mode is deactivated and its LED is switched off.

Like the clean mode, the NFC programming mode also disables the functions of the touch switch.

## 2.6. LEDs Auto Off mode

The LEDs Auto Off mode is used to automatically switch off the LEDs of the touch switch when the room is in darkness.

If it is activated, any LEDs that are on will be switched off when the brightness sensor detects that the brightness level is below the configured threshold. As soon as the sensor detects a higher level of brightness, the LEDs are switched back on.

## 2.7. Wrong touch switch configuration

If the configured touch switch is different to the one installed, the start-up sequence of the touch switch will sequentially activate and deactivate the LEDs from right to left and bottom to top.

#### 2.8. Internal error

If the touch switch has an internal error, LED 1 will flash for 10 seconds when the touch switch is started up. If a button is touched, this cycle will be repeated.

#### 2.9. Short touch time

If a button is configured in the short touch/long touch mode, the minimum short touch time is 60 milliseconds and the maximum time is the time defined for the long touch.

# 3. Functions of the unit

The unit's buttons can be configured as predefined pairs or independently.

## 3.1. Paired functions

• Dimming function

• Shutter function

# 3.2. Individual functions

- Switch
- Scene
- Send value
- One button dimming
- One button shutter

## 3.3. Functions of the LEDs

The brightness level of all the LEDs is globally configured. The functions of each button define the behaviour of the associated LED.

#### 3.3.1. Global parameters

- Brightness level: 0%, 7%, 13%, 20%, 27%, 33%, 40%, 47%, 53% 60%, 67%, 73%, 80%, 87%, 93%, 100%
- Switch off LEDs in darkness: Yes/No
- **Darkness threshold for switching off:** 10-100%, the smaller the value, the sooner the LEDs switch off.

#### 3.3.2. Individual parameters

- Normal: The LED switches on when the button is touched.
- **Dedicated object:** The status of the LED is controlled by means of a communication object.
- Always On: The LED is always active, unless the *Switch off LEDs in darkness* function is activated, in which case it will be switched off when the configured level of darkness is reached.

Take into account that on some touch switches an LED may be shared by more than one button. In this case, control of the LED is prioritised as follows:

#### Always On (high priority), Dedicated object (medium priority), Normal (low priority).

The highest priority prevails over the others when enabled. For example, if a button in a group sharing the same LED has the LED configured as Always On, it will always prevail and retain control of the status of the LED because it has the highest priority.

# 3.4. Clean function

This function disables all the buttons to make it possible to clean the front of the unit. It is activated by means of the continuous detection of an object in front of the proximity sensor for 5 seconds. If a button is touched during this 5-second period, its activation is annulled.

It is advisable to cover the sensor with a white cloth or piece of paper to facilitate detection.

To indicate that the unit is in clean mode, the top-left LED will flash (600 ms On, 600 ms Off). When the clean mode reaches the end of the configured period, the LEDs return to their previous status.

- Clean mode
   Values: Enable/disable
- Button locking time Values: 5-60 seconds

# 3.5. Button sensitivity setting

- Button sensitivity
  - Values: Low Medium High Very high

# 4. Paired functions description

# 4.1. Dimming function

Function to control lighting with two buttons.

#### 4.1.1. Parameters (example for pair A)

- Dimming function A1/A2 Values: Brighter/Darker Darker/Brighter
- Long operation time Values: Time to detect a long touch (2-255) x 100 ms
- Dimming step Values:
  - 1% 3% 6% 12% 25% 50% 100%
- Interlock
  - Values: Enable/disable
- LED behaviour Values: Normal/Dedicated object/Always On

When the button is touched, the output is activated/deactivated.

A long touch sends a dimming command that increases or decreases the brightness depending on which button is touched.

# 4.2. Shutter function

#### 4.2.1. Parameters (example for pair A)

Function to control shutter type devices with two buttons.

• Shutter function A1/A2

Values:

Raise/Lower – standard mode Lower/Raise – standard mode Raise/Lower – touch/release mode Lower/Raise – touch/release mode

#### Long operation time

Values: Time to detect a long touch (2-255) x 100 ms

- Interlock Values:
  - Enable/disable
- LED behaviour Values: Normal/Dedicated object/Always On

#### Standard mode

A long touch raises or lowers, depending on the button touched.

A short touch stops the shutter, if it was moving, or moves it up or down (depending on which button is touched) to the next position, if it was at rest.

#### Touch/release mode

The shutter moves up or down, depending on the button touched, for as long as the button is touched.

When it is released, the shutter stops.

# **5. Description of independent functions**

## 5.1. Switch function

When the button is configured as a switch, it can have the following variants:

- Function Values:
- Switch on touch Toggle on touch Send status Short/long switch
- Rising edge value (applies to Switch rising edge and send status) Values: Off/On
- Falling edge value (applies to send status) Values: Off/On
- Short action value (applies to Short/long switch) Values: Off/On
- Long action value (applies to Short/long switch) Values: Off/On
- Long operation time (applies to Short/long switch) Values: Time to detect a long touch (2-255) x 100 ms
- Interlock
   Values: Enable/disable
- LED behaviour
   Values: Normal/Dedicated object/Always On

# 5.2. Scene function

Configuration of the button as scene control:

- Control type
   Values: Not save
   Save
- Scene number Values: From Scene 1 to Scene 64 (0-63)
   Long operation time (applies to Save)
- Values: Time to detect a long touch (2-255) x 100 ms
- Interlock Values: Enable/disable
- LED behaviour
  - Values: Normal/Dedicated object/Always On

If configured as dedicated object, an object of the scene type is created. If the object receives the configured scene value, it will activate the LED and if the scene value that is received is different, the LED will be switched off.

## 5.3. Send value

Configuration of the button to send values.

• Send value

Values:	Send on touch
	Send on touch/release
	Send on short/long
	Send on long

- Value type Values: Percent Angle Temperature
  - 8 bit value
  - 16 bit value
- Value on touch (applies to Send on touch and Send on touch/release)
  - Values:Value to send on touching. It depends on the value selected in value type.
- Value on release (applies to Send on touch/release)
   Values: Value to send on releasing. It depends on the value selected in value type.
- Value on short (applies to Send on short/long)
   Values: Value to send on short touch. It depends on the value selected in value type.
- Value on long (applies to Send on long and Send on short/long) Values: Value to send on long touch.
  - It depends on the value selected in value type.
- Long operation time (applies to Send on long and Send on short/long) Values: Time to detect a long touch (2-255) x 100 ms
- LED behaviour
   Values: Normal/Dedicated object/Always On

If configured in Send on touch/release mode, it creates an object for the touch event and another object for the release event.

If configured in Send on short/long mode, it creates an object for the short event and another object for the long event.

## 5.4. Single-button dimming function

Dimming function with one button:

- Toggle mode Values: Enable/disable
- Long operation time Values: Time to detect a long touch (2-255) x 100 ms
- Short/long action (applies to toggle disable) Values: Off/darker On/brighter Off/darker <-> brighter On/darker <-> brighter

#### • Long action (applies to toggle enable) Values: Darker

Brighter Darker <-> brighter

• Adjustment step

Values:

1% 3% 6% 12% 25% 50%

100%

Interlock

Values: Enable/disable

LED behaviour
 Values: Normal/Dedicated object/Always On

With the toggle function enabled, a short touch always changes between on and off, reversing the current status.

## 5.5. Single-button shutter function

Shutter function for one button:

- Long operation time Values: Time to detect a long touch (2-255) x 100 ms
- Action Values:

Lower Raise/Lower

Raise

- Time between up/down (applies to Raise/Lower) Values: Time from 500 ms to 5 seconds with 100 ms intervals
   Interlock
- Values: Enable/disable
- LED behaviour
   Values: Normal/Dedicated object/Always On

#### 5.5.1. Raise action

With this value for the action parameter, the button behaves as follows:

- Short touch: It raises the shutter to the next position or stops it if it is in motion.
- Long touch: It raises the shutter to the top.

#### 5.5.2. Lower action

With this value for the action parameter, the button behaves as follows:

- Short touch: It lowers the shutter to the next position or stops it if it is in motion.
- Long touch: It lowers the shutter to the bottom.

#### 5.5.3. Raise/Lower action

With this value for the action parameter, the button behaves as follows:

• Short touch:

It moves the shutter to the next position, which may be up or down.

• Long touch:

It changes the direction and sends an action command that starts the movement of the shutter until the button is released or the end of the time period configured in the target device is reached.

In this mode the time between up/down parameter allows you to limit the minimum time for a direction change. If the time configured in the parameter has not elapsed, the long touch time is extended to the *Time between up/down* value.

# 6. Unit parameters

# 6.1. General settings

The general configuration parameters allow you to select the touch switch model and a series of parameters common to all touch switches. The functionality of each button is also assigned.

#### 6.1.1. Touch switch

Selection of the touch switch model and configuration of common parameters.

Name	Description	Default
Tanaka Yakutara	Not ex	value
Touch switch type	Values: 0 = 5 Buttons 1 LED- TP.01050X-000 - e-Touch Flexi 1R-5P 1 = 4 Buttons 4 LEDs, 2 rows 2 columns - TP.02040X-000 - e-Touch Flexi 2R-4P 2 = 6 Buttons 2 LEDs, 3 rows 2 columns - TP.02060X-000 - e-Touch Flexi 2RV-6P 3 = 6 Buttons 6 LEDs, 2 rows 3 columns - TP.12060X-000 - e-Touch Flexi 2RH-6P 4 = 9 Buttons 9 LEDs, 3 rows 3 columns - TP.16120X-001 - e-Touch Flexi 6R-12P 5 = 12 Buttons 12 LEDs, 6 rows 3 columns - TP.16180X-001 - e-Touch Flexi 6R-18P	0
	Type of touch switch installed in the frame. Depending on the model selected, its options are enabled or disabled.	
Button sensitivity	Values:	1
	0 = Low	
	1 = Medium	
	2 = High	
	3 = Very high	
	Sensitivity level of the buttons, from lowest to highest.	
Global LED brightness	Values:	9
	0 = 0%	
	1 = 7%	
	2 = 13%	
	3 = 20%	
	4 = 27%	
	5 = 33%	
	6 = 40%	
	7 = 47%	
	8 = 53%	
	9 = 60%	
	10 = 67%	
	11 = 73% 12 = 80%	
	12 = 80% 13 = 87%	
	15 - 87%	
	15 = 100%	
	Brightness level value applied to all the LEDs. If it is 0%, the LEDs will only be activated in the start-up sequence, during clean mode or during NFC programming mode.	
LEDs Auto Off in darkness	Values:	0
	0 = Disable	
	1 = Enable	
	It enables or disables the automatic switch off mode of the LEDs when the ambient light level is below the threshold defined in <i>Dark level threshold</i> .	
autoOffDarkLevel	Values: From 1 to 10	8
	Darkness threshold level to switch off the LEDs. The higher the value, the darker it needs to be to switch off the LEDs.	
cleanMode	Values:	0
	0 = Disable	
	1 = Enable	
	If the value is "Enable", it enables clean mode, which allows you to clean the touch switch without touching a button, given that the buttons are disabled for the period of time specified in the parameter <i>Cleaning duration</i> . To enter clean mode, place an object over the proximity sensor and hold it there for 5	
	seconds. In clean mode the LED of the top-left button will flash until the clean mode	

Name	Description	Default value
	period elapses. It is advisable to cover the sensor with a sheet of paper or white cloth.	
Cleaning duration	Values:	25
	From 5 to 60 seconds	
	The time the touch switch is in clean mode.	
Temperature sensor	Values:	0
	0 = Disable	
	1 = Enable	
	If the value is "Enable", an object of the temperature type is enabled to read the	
	sensor.	
	The sensor can be configured in the menu: Sensors -> Temperature	-
Humidity sensor	Values:	0
	0 = Disable	
	1 = Enable	
	If the value is "Enable", an object of the percentage type is enabled to read the	
	sensor.	
	The sensor can be configured in the menu: Sensors -> Humidity	
*Pair (X) configuration	Values:	0
	0 = Not active	
	1 = Single channels	
	2 = Dimming	
	3 = Shutter	
	It defines the configuration of paired buttons, for example, buttons A1/A2. It can be	
	deactivated or work independently or jointly.	
	Once a mode has been selected, it can be configured in detail in the menu: Pair (X)	
***Single (Z) configuration	Values:	0
	0 = Not active	
	1 = Switch	
	2 = Scene	
	3 = Send value	
	4 = Dimming	
	5 = Shutter	
	Operating modes of the button. Once one has been selected, it can be configured in	
	detail in the menu: Single buttons -> Single button (Z)	

#### 6.1.2. Buttons

Selection of the type of function for each button.

Name	Description	Default value
*Pair (X) configuration	Values: 0 = Not active 1 = Single channels 2 = Dimming 3 = Shutter It defines the configuration of paired buttons, for example, buttons A1/A2. It can be dependently accurate independently an initial.	0
	deactivated or work independently or jointly. Once a mode has been selected, it can be configured in detail in the menu: <i>Pair (X)</i>	
***Single (Z) configuration	Values: 0 = Not active 1 = Switch 2 = Scene 3 = Send value 4 = Dimming 5 = Shutter	0
	Operating modes of the button. Once one has been selected, it can be configured in detail in the menu: <i>Single buttons -&gt; Single button (Z)</i>	

# 6.2. Configuration of functions for paired buttons

Menu to configure the function selected in *General settings -> Buttons* for each pair. If *Not active* has been selected, no configuration option will appear.

## 6.2.1. Buttons (X)1/(X)2 - Dimming mode\*

Configuration parameters of the dimming mode for paired buttons.

Name	Description	Default value
*Dimming function (X)1/(X)2	Values:	0
	0 = Brighter/Darker	0
	1 = Darker/Brighter	
	Configuration of the order of the buttons of the pair.	
Dimming step	Values:	0
	0 = 100%	
	1 = 50%	
	2 = 25%	
	3 = 12.5%	
	4 = 6.25%	
	5 = 3.1%	
	6 = 1.5%	
	Value of the adjustment step.	
Long operation time	Values:	5
	From 2 to 255.	
	With a factor of x100 ms	
	Time to detect long touch.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LEDs of each pair of buttons.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the two touch buttons are disabled when the value 1 is entered in the associated	
	interlock object and enabled when the value 0 is entered in the associated interlock object.	

#### 6.2.2. Buttons (X)1/(X)2 - Shutter mode\*

Configuration parameters of the shutter mode for paired buttons.

Name	Description	Default value
*Shutter function (X)1/(X)2	Values:	0
	0 = Raise/Lower – standard mode	
	1 = Lower/Raise – standard mode	
	0 = Raise/Lower – touch/release mode	
	1 = Lower/Raise – touch/release mode	
	Configuration of the order of the buttons of the pair and the operating mode.	
Long operation time	Values:	5
	From 2 to 255.	
	With a factor of x100 ms	
	Time to detect long touch.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LEDs of each pair of buttons.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the two touch buttons are disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	

# 6.3. Configuration of functions for individual buttons

If Single channels has been selected in the Buttons menu as the configuration of a pair of buttons, the option to individually configure each button will appear. The options are selected in the Mode parameter in the submenu Pair(X)\* -> Button (X)(Y)\*\*.

Name	Description	Default value
Mode	Values:	0
	0 = Not active	
	1 = Switch	
	2 = Scene	
	3 = Send value	
	4 = Dimming	
	5 = Shutter	
	Operating mode of the button. The parameters that are shown depend on the option	
	that is selected.	

#### **6.3.1. Switch mode functions**

Various behaviours for the button can be selected in the Function parameter. The configuration parameters that appear depend on the function selected.

Name	Description	Default value
Function	Values: 0 = Switch on touch 1 = Toggle on touch 2 = Send status 3 = Short/long switch	0
	Configurations available for the switch type function.	

#### Parameters of the Switch on touch configuration

Name	Description	Default value
Value on touch	<b>Values:</b> 0 = OFF	1
	1 = ON	
	Value sent upon touching the button.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	

#### Parameters of the Toggle on touch configuration

A switch type communication object that carries out a status change after each touch event is created.

Name	Description	Default
		value
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	

#### Parameters of the Send status configuration

2 switch type communication objects are created, one for the touch event and another for the release event.

Name	Description	Default value
Value on touch	Values:	1
	0 = OFF	
	1 = ON	
	Value sent upon touching the button.	
Value on release	Values:	0
	0 = OFF	
	1 = ON	
	Value sent upon releasing the button.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	

Name	Description	Default
		value
	Configuration of the LED associated with the button.	
Interlock	Values: 0 = Disable 1 = Enable If enabled, the touch switch is disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	0

### Parameters of the Short/long switch configuration

2 switch type communication objects are created, one for the short event and another for the long event.

Name	Description	Default value
Value on short action	Values:	1
	0 = OFF	
	1 = ON	
	Value sent by a short touch.	
Value on long action	Values:	0
	0 = OFF	
	1 = ON	
	Value sent by a long touch.	
Long operation time	Values:	5
	From 2 to 255.	
	With a factor of x100 ms	
	Time to detect long touch.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	

#### **6.3.2. Scene mode functions**

The button can be configured to activate a scene. The save scene mode can be enabled.

If the Dedicated object option is selected in the LED behaviour parameter, an object of the scene control type is created, activating the LED if the received scene is the same as the value configured in Scene number. If the value received is different, the LED is switched off.

Name	Description	Default
		value
Control type	Values:	0
	0 = Not save	
	1 = Save	
	If the Save function is selected, the configuration of the scene is saved by touching	
	the button for the time configured in the Long operation time parameter.	
Scene number	Values:	0
	Scene number from 1 to 64.	
	0 = Scene 1	
	63 = Scene 64	
	Scene to activate.	
Long operation time	Values:	20
	From 2 to 255.	
	With a factor of x100 ms	
	Time to detect long touch.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button. In the dedicated object mode an	
	object of the scene control type is created.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated	
	interlock object and enabled when the value 0 is entered in the associated interlock	
	object.	

## 6.3.3. Send value mode functions

The button can be configured to send values of different types in different types of touching events.

Name	Description	Default value
Send value	Values: 0 = Send on touch 1 = Send on touch/release 2 = Send on short/long 3 = Send on long Event in which a value must be sent. The configuration options that appear depend on the value selected.	0

### Parameters of the Send value - Send on touch configuration

An object is created in accordance with the value type selected. The value is sent upon touching the button.

Name	Description	Default
		value
Value type	Values:	0
	0 = Percent	
	1 = Angle	
	2 = Temperature	
	3 = 8 bit value	
	4 = 16 bit value	
	Type of value that is sent. A communication object is enabled in accordance with the type selected.	
Value on touch	Values for Percent type:	0
	Percentage expressed in a byte from 0 to 100.	
	Values for Angle type:	
	Angle in 5º steps from 0 to 360.	
	Values for Temperature type:	
	From -27300 to 32000 (from -273 °C to 320 °C).	
	Temperature value expressed in 1/100 ºC.	
	Values for 8 bit type:	
	Any value between 0 and 255.	
	Values for 16 bit type:	
	Any value between 0 and 65535.	
	This value is sent upon touching the button. The value is sent by the object associated	
	with the touch event.	
LED behaviour	Values:	0
	0 = Normal	0
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	-
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated	
	interlock object and enabled when the value 0 is entered in the associated	
	object.	

#### Parameters of the Send value - Send on touch/release configuration

2 objects are created in accordance with the value type selected. The value on touch value is sent upon touching the button and the value on release value is sent on releasing the button. There is an object associated with the touch event and another with the release event.

Name	Description	Default value
Value type	Values:	0
	0 = Percent	
	1 = Angle	
	2 = Temperature	
	3 = 8 bit value	
	4 = 16 bit value	
	Type of value that is sent. A communication object is enabled in accordance with the type selected.	
Value on touch	Values for Percent type:	0
	Percentage expressed in a byte from 0 to 100.	0
	Values for Angle type:	
	Angle in 5º steps from 0 to 360.	
	Values for Temperature type:	
	From -27300 to 32000 (from -273 °C to 320 °C).	
	Temperature value expressed in 1/100 ºC.	
	Values for 8 bit type:	
	Any value between 0 and 255.	
	Values for 16 bit type:	
	Any value between 0 and 65535.	
	This value is sent upon touching the button. The value is sent by the object associated	
	with the touch event.	
Value on release	Values for Percent type: Percentage expressed in a byte from 0 to 100.	0
	Values for Angle type:	
	Angle in 5º steps from 0 to 360.	
	Values for Temperature type:	
	From -27300 to 32000 (from -273 °C to 320 °C).	
	Temperature value expressed in 1/100 °C.	
	Values for 8 bit type: Any value between 0 and 255.	
	Values for 16 bit type:	
	Any value between 0 and 65535.	
	This value is sent upon releasing the button. The value is sent by the object associated	
	with the release event.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
Interlock	Values: 0 = Disable	0
Interlock		0
Interlock	0 = Disable 1 = Enable	0
Interlock	0 = Disable	0

#### Parameters of the Send value - Send on short/long configuration

2 objects are created in accordance with the value type selected. The short action value is sent with a short touch and the long action value is sent with a long touch, which must be at least as long as the minimum time assigned in the Long operation time parameter.

There is an object associated with the short action event and another with the long action event.

Name	Description	Default value
Value type	Values:	0
	0 = Percent	
	1 = Angle	
	2 = Temperature	
	3 = 8 bit value	
	4 = 16 bit value	
	Type of value that is sent. A communication object is enabled in accordance with the type selected.	
Short action value	Values for Percent type:	0
	Percentage expressed in a byte from 0 to 100.	
	Values for Angle type:	
	Angle in 5 <sup>o</sup> steps from 0 to 360.	
	Values for Temperature type:	
	From -27300 to 32000 (from -273 °C to 320 °C).	
	Temperature value expressed in 1/100 ºC.	
	Values for 8 bit type:	
	Any value between 0 and 255.	
	Values for 16 bit type:	
	Any value between 0 and 65535.	
	This value is sent with a short touch. The value is sent by the object associated with	
	the Send on short event.	
Long action value	Values for Percent type: Percentage expressed in a byte from 0 to 100.	0
	Values for Angle type:	
	Angle in 5 <sup>o</sup> steps from 0 to 360.	
	Melues for Tomo endure to no.	
	Values for Temperature type:	
	From -27300 to 32000 (from -273 °C to 320 °C)	
	Temperature value expressed in 1/100 ºC	
	Values for 8 bit type:	
	Any value between 0 and 255.	
	Values for 16 bit type:	
	Any value between 0 and 65535.	
	This value is sent with a long touch. The value is sent by the object associated with	
	the Send on long event.	
Long operation time	Values:	5
	From 2 to 255. With a factor of x100 ms	
	Time to datect long touch	
LED behaviour	Time to detect long touch. Values:	0
	0 = Normal	5
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	2
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated	

Name	Description	Default value
	interlock object and enabled when the value 0 is entered in the associated interlock object.	

#### Parameters of the Send value - Send on long configuration

An object is created in accordance with the value type selected. The long action value is sent with a long touch, which must be at least as long as the minimum time assigned in the Long operation time parameter.

Name	Description	Default value
Value type	Values:	0
value type	0 = Percent	
	1 = Angle	
	2 = Temperature	
	3 = 8 bit value	
	4 = 16 bit value	
	Type of value that is sent. A communication object is enabled in accordance with the	
	type selected.	
Long action value	Values for Percent type:	0
	Percentage expressed in a byte from 0 to 100.	
	Values for Angle type:	
	Angle in 5 <sup>o</sup> steps from 0 to 360.	
	Values for Temperature type:	
	From -27300 to 32000 (from -273 °C to 320 °C).	
	Temperature value expressed in 1/100 ºC.	
	Values for 8 bit type:	
	Any value between 0 and 255.	
	Values for 16 bit type:	
	Any value between 0 and 65535.	
	This value is sent with a long touch. The value is sent by the object associated with the Send on long event.	
Long operation time	Values:	5
	From 2 to 255.	0
	With a factor of x100 ms	
	Time to detect long touch,	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated	
	interlock object and enabled when the value 0 is entered in the associated interlock	
	object.	

#### 6.3.4. Single-button Dimming mode functions

The dimming mode for a button has multiple configurations. The options shown depend on the value of the Toggle mode parameter.

#### Single-button Dimming – Toggle mode disable parameters

Two objects are created for dimming control. One is of the switch type and the other is of the dimming control type.

In this mode you can choose its behaviour for both a short touch and a long touch.

Name	Description	Default value
Short/long action	Values:	0
	0 = Off/Darker	
	1 = On/Brighter	
	2 = Off/darker <-> brighter	
	3 = On/darker <-> brighter	
	Type of function of the button for short touch and long touch.	
Long operation time	Values:	5
	From 2 to 255	
	With a factor of x100 ms	
	Time to detect long touch.	
Dimming step	Values:	0
0	0 = 100%	_
	1 = 50%	
	2 = 25%	
	3 = 12.5%	
	4 = 6.25%	
	5 = 3.1%	
	6 = 1.5%	
	Value of the adjustment step.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	

#### Single-button Dimming – Toggle mode enable parameters

Two objects are created for dimming control. One is of the switch type and the other is of the dimming control type.

In this mode the short touch reverses the status of the switch type object.

Name	Description	Default value
Long action	Values:	0
	0 = Darker	
	1 = Brighter	
	2 = Darker <-> brighter	
	Type of function of the button for long touch.	
Long operation time	Values:	5
	From 2 to 255	
	With a factor of x100 ms	

Name	Description	Default value
	Time to detect long touch.	
Dimming step	Values:	0
Dimining step	0 = 100%	0
	1 = 50%	
	2 = 25%	
	3 = 12.5%	
	4 = 6.25%	
	5 = 3.1%	
	6 = 1.5%	
	0 - 1.570	
	Value of the adjustment step.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	

## 6.3.5. Single-button Shutter mode functions

The shutter mode for one button. Two objects are created for the control of a shutter, an object of the step type and another of the up/down type.

Name	Description	Default
		value
Action	Values:	0
	0 = Raise	
	1 = Lower	
	2 = Raise <-> Lower	
	Type of function of the button for long touch.	
Long operation time	Values:	5
	From 2 to 255.	
	With a factor of x100 ms	
	Time to detect long touch.	
LED behaviour	Values:	0
	0 = Normal	
	1 = Dedicated object	
	2 = Always On	
	Configuration of the LED associated with the button.	
Interlock	Values:	0
	0 = Disable	
	1 = Enable	
	If enabled, the touch switch is disabled when the value 1 is entered in the associated interlock object and enabled when the value 0 is entered in the associated interlock object.	

Notes:

Notes:
(X) can be replaced with pair designator A, B, C, D, E or F.
(X) can be replaced with pair designator A, B, C, D, E or F.
(Y) can be replaced with designator 1 or 2.
For example: (X)(Y)\_swFun = A1\_swFun, button 1 of pair A.
\*\*\* (Z) can be replaced with 1, 2, 3, 4, 5 or 6.

# 7. Definition of the unit's object groups

# 7.1. Group objects summary

Union by object reference

No.	Function	Name	Data point type	Size			Flags		
			(DPT)		С	R	w	т	U
1	Interlock	Pair A: interlock	1.003	1 bit	Х	Х	Х		Х
2	LED On/Off	Pair A: LED A1 On/Off	1.001	1 bit	Х		Х		Х
2	LED On/Off	Pair A: LED On/Off	1.001	1 bit	Х		Х	-	Х
3	LED On/Off	Pair A: LED A2 On/Off	1.001	1 bit	Х		Х		Х
4	Dimming On/Off	Pair A: dimming On/Off	1.001	1 bit	Х	Х		Х	
4	Step/Stop	Pair A: shutters Step/Stop (short touch)	1.007	1 bit	Х	Х		Х	
5	Dimming	Pair A: dimming	3.007	4 bit	Х	Х		Х	
5	Up/Down	Pair A: shutters Up/Down	1.008	1 bit	Х	Х		Х	
1	Interlock	Single A1: interlock	1.003	1 bit	Х	Х	Х		Х
2	LED On/Off	Single A1: LED On/Off	1.001	1 bit	Х		Х		Х
6	Short switch	Single A1: short switch	1.001	1 bit	Х	Х		Х	
6	Switch on touch	Single A1: Touch	1.001	1 bit	Х	Х		Х	
6	Toggle on touch	Single A1: Touch	1.001	1 bit	Х	Х		Х	
7	Long switch	Single A1: long switch	1.001	1 bit	Х	Х		Х	
7	Switch on release	Single A1: Release	1.001	1 bit	Х	Х		Х	
8	Send scene	Single A1: Send scene	18.001	1 Byte	Х	Х	V	Х	
9	Scene LED	Single A1: Scene feedback LED	18.001	1 Byte	Х	V	Х	V	х
10	Send on touch	Single A1: Send percent	5.001	1 Byte	Х	Х		Х	
10	Send on touch	Single A1: Send degree	5.003	1 Byte	Х	Х		Х	
10	Send on touch	Single A1: Send 8 bit value	5.010	1 Byte	X	X	ļ	X	
10	Send on short	Single A1: Send percent	5.001	1 Byte	Х	Х		Х	
10	Send on short	Single A1: Send degree	5.003	1 Byte	X	X		X	<u> </u>
10	Send on short	Single A1: Send 8 bit value	5.010	1 Byte	X	X		Х	
11	Send on touch	Single A1: Send temperature	9.001	2 Bytes	X			Х	
11	Send on touch	Single A1: Send 16 bit value	7.001	2 Bytes	X	Х		X	
11	Send on short	Single A1: Send temperature	9.001	2 Bytes	X	Х		Х	
11 12	Send on short Send on release	Single A1: Send 16 bit value	7.001 5.001	2 Bytes	X X	X		X X	
12		Single A1: Send percent Single A1: Send degree	5.001	1 Byte		X		X	
12	Send on release Send on release	Single A1: Send degree Single A1: Send 8 bit value	5.003	1 Byte 1 Byte	X X	X		X	
12	Send on long	Single A1: Send voice and Single A1: Send percent	5.001	1 Byte	X	X		X	
12	Send on long	Single A1: Send bercent	5.001	1 Byte	X	X		X	
12	Send on long	Single A1: Send degree	5.010	1 Byte	X	X		X	
13	Send on release	Single A1: Send temperature	9.001	2 Bytes	X	X		X	
13	Send on release	Single A1: Send 16 bit value	7.001	2 Bytes	X	X		X	
13	Send on long	Single A1: Send temperature	9.001	2 Bytes	X	X		X	
13	Send on long	Single A1: Send 16 bit value	7.001	2 Bytes	X	X		X	
4	Dimming On/Off	Single A1: dimming On/Off	1.001	1 bit	X	X		X	
4	Step/Stop	Single A1: shutters Step/Stop (short touch)	1.007	1 bit	X	X		X	
5	Dimming	Single A1: dimming	3.007	4 bit	X	X		X	
5	Up/Down	Single A1: shutters Up/Down	1.008	1 bit	X	X		X	
14	Interlock	Single A2: interlock	1.003	1 bit	х	Х	Х		х
3	LED On/Off	Single A2: LED On/Off	1.001	1 bit	Х		Х		Х
15	Short switch	Single A2: short switch	1.001	1 bit	х	Х		Х	
15	Switch on touch	Single A2: Touch	1.001	1 bit	Х	Х		Х	
15	Toggle on touch	Single A2: Touch	1.001	1 bit	Х	Х		Х	
16	Long switch	Single A2: long switch	1.001	1 bit	Х	Х		Х	
16	Switch on release	Single A2: Release	1.001	1 bit	Х	Х		Х	
17	Send scene	Single A2: Send scene	18.001	1 Byte	Х	Х		Х	
18	Scene LED	Single A2: Scene feedback LED	18.001	1 Byte	Х		Х		Х
19	Send on touch	Single A2: Send percent	5.001	1 Byte	Х	Х		Х	
19	Send on touch	Single A2: Send degree	5.003	1 Byte	Х	Х		Х	
19	Send on touch	Single A2: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
19	Send on short	Single A2: Send percent	5.001	1 Byte	Х	Х		Х	
19	Send on short	Single A2: Send degree	5.003	1 Byte	Х	Х		Х	
19	Send on short	Single A2: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
20	Send on touch	Single A2: Send temperature	9.001	2 Bytes	Х	Х		Х	
20	Send on touch	Single A2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
20	Send on short	Single A2: Send temperature	9.001	2 Bytes	Х	Х		Х	
20	Send on short	Single A2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
21	Send on release	Single A2: Send percent	5.001	1 Byte	Х	Х		Х	
21	Send on release	Single A2: Send degree	5.003	1 Byte	Х	Х		Х	$\vdash$
21	Send on release	Single A2: Send 8 bit value	5.010	1 Byte	Х	Х		Х	

Singer AD: Sond process         Sond and Song AD: Sond process         Sond AD: Song AD: Sond process         Song AD: Song AD: Sond process         Song AD: Song AD: Sond process         Song AD:			••	<b>.</b>			_	-1		
11         Seried on Song         Single A.2: Seried approxim         5.001         1 Prov.         X         X         I         I           11         Seried on Song         Single A.2: Seried approximation         5.010         1 Prov.         X         X         I         I           12         Seried on Telessia         Single A.2: Seried an Evaluation         7.011         2 Prost.         X         X         I         I           12         Seried on Telessia         Single A.2: Seried an Evaluation         7.011         2 Prost.         X         X         I         I           13         Single A.2: Seried an Evaluation         7.011         1 Diff.         X         X         I         I           14         Optiming ChuOrf         Single A.2: Sing	No.	Function	Name		Size	C	R		т	U
21         Send on Long         Single A.J. Sond S brugher, J. Sond         9 Byte, J. Sond Struppersture         9.010         2 Byte, J. Sond Struppersture         0.010         1 Byte, J. Sond Struppersture<	21	Send on long	Single A2: Send percent		1 Byte				X	•
22         Send or network         Sped AJ. Send temperature         9.001         2 Press         X         X         I         I           23         Send or network         Single AJ. Send temperature         9.001         2 Press         X         X         I         I           24         Send or network         Single AJ. Send temperature         9.001         1 Press         X         X         I         I           25         Send or network         Single AJ. Send fer Network         1.000         1 Bit         X         X         I         I           26         Dimming Ox/Off         Single AJ. Send fer Network         1.008         1 Bit         X	21	Send on long	Single A2: Send degree	5.003	1 Byte	Х	Х		Х	
12         Send on Indega         Single A2. Send 15 for value         7.001         2.9 Mes         X <thx< th=""> <thx< th=""> <thx< th=""> <th< td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td>х</td><td></td></th<></thx<></thx<></thx<>		0							х	
12         Send of nong         Single A2: Send is Bit yould         2010         2 Serder         X         X         I           20         Borning ChyOff         Single A2: dimming ChyOff         1.007         1.01         1.01         X         X         I           21         Borning         Single A2: dimming ChyOff         1.007         1.01         1.01         X         X         I           23         Borning         Single A2: dimming ChyOff         1.003         1.007         4.01         X         X         I           24         Borning         Single A2: dimming ChyOff         1.001         1.001         1.001         X         X         X         I           26         ECD ChyOff         Pair B: LID A2 Ox/Off         1.001         1.001         1.001         X         X         X         I           28         ExpStop         Pair B: dinning         0.001         1.007         1.001									X	
12         Serie A2, Send 3 fb wule         7 001         2 bres         X <thx< th=""> <thx< th="">         X         &lt;</thx<></thx<>					,	-			X X	
13         Demming On/Off         1 bit         X         X         I           13         Berg/Stop         Single A2 admining on/Off         1.007         1.01         X         X         X           14         Dimming         Single A2 admining on/Off         1.008         1.01         X									X	
13         Step/Stop         Single A2 shutters Step/Stop (intert stoch)         1.01         1.01         N         N         N         I           14         Up/Cown         Single A2 shutters (up/Cown         1.03         1.16t         X         X         N         N           15         Interfork         Pare B: IED A1.0x/OFT         1.033         1.16t         X         X         X         X           16         Domming Cov/OfT         Pare B: IED A1.0x/OFT         1.001         1.16t         X         X         X           17         Opming Cov/OfT         Pare B: IED A1.0x/OFT         1.001         1.16t         X         X         X         I           18         Domming Cov/OfT         Pare B: Atterning Cov/OfT         1.001         1.16t         X         X         I         I           19         Dorming Cov/OfT         Step:Stop         Pare B: Atterning Cov/OfT         1.001         1.01t         X         X         X         X           20         Up/Down         Pare B: Atterning Cov/OfT         1.0101         1.01t         X         X         X         X         X         X         X         X         X         X         X         X         X			*		,	-			X	
14         UppDown         1.008         1.01         <	23	Step/Stop		1.007	1 bit	Х	Х		Х	
There interface.         Pair B: interface.         1.003         1.01         X         X         X           16         LED Ox/Off         Pair B: LED A: Ox/Off         1.001         1.01         X         X           71         LED Ox/Off         Pair B: LED A: Ox/Off         1.001         1.01         X         X           72         LED Ox/Off         Pair B: LED A: Ox/Off         1.001         1.01         X         X         X           73         Step:Stop         Pair B: dimming Ox/Off         1.001         1.01         X		•		3.007	4 bit				Х	
Tab         It D Gru(Off         Pair B: LED A/G/Off         Pair B: LED A/G/Off         It D A/G/Off         Pair B: LED A/G/Off           27         LED Gru(Off         Pair B: LED A/G/Off         1.001         1.001         X         X           28         LED Gru(Off         Pair B: LED A/G/Off         1.001         1.001         X         X         X           29         Lip/Arophy         Pair B: durines         Charming         1.001         1.001         X         X         X           29         Lip/Down         Pair B: durines (Lip/Down         1.001         1.001         X         X         X           29         Lip/Down         Pair B: durines (Lip/Down         1.001         1.001         X         X         X           30         Switch on tabch         Single B1: Lip/Down         1.001         1.001         1.01         X         X         I           31         Long witch         Single B1: Doge Nith         1.001         1.01         X         X         I           32         Secret Game         Single B1: Secret GerdackLED         1.001         1.01         X         X         I           33         Secret Game         Single B1: Secret GerdackLED         1.001									Х	
16         IED On/Off         Pair B: IED A: On/Off         1.001         1.bit         X         X         X           18         Dorming On/Off         Pair B: dimming On/Off         1.001         1.bit         X         X         X           18         Dorming On/Off         Pair B: dimming On/Off         1.007         4.bit         X <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Х</td><td></td><td></td><td>X X</td></td<>							Х			X X
127         Lib On/Off         Pair 8: LiD A2/OV[ff         1.001         1.bit         X         X         X           128         Derming On/Off         Pair 8: shutters Step/Stop (bnct tuuch)         1.007         1.bit         X <thx< th="">         X         X         <thx< th=""></thx<></thx<>										X
18         Dumming On/Off         Pair 8: dimming (N/Off         1.001         1.bit         X         X         X         I           19         Dup/Down         Pair 8: dimming         3.007         4.bit         X         X         I           19         Up/Down         Pair 8: dimming         3.007         4.bit         X         X         I           12         Up/Down         Pair 8: dimming (N/Off         1.003         1.bit         X         X         I           12         Up/Down         Single 81: instructork         1.001         1.bit         X         X         I           13         Sort(hon touch         Single 81: Touch         1.001         1.bit         X         X         I         I           13         Sort(hon touch         Single 81: Touch         1.001         1.bit         X         X         I         I         I         I         X         X         I         I         I         Sort ontouch         Single 81: Sort orece         1.001         1.bit         X         X         I         I         I         I         I         I         I         X         I         I         I         I         I         I										X
199         Dup/Down         Pair 8: hutters LyDown         10.08         11.01         X	28	-		1.001	1 bit	Х	Х		х	
99         Up/Down         11.008         1.bit         X         X         X         X           25         Interlock         Single B1: Itel Interlock         10.01         1.bit         X         X           26         IED On/Off         1.001         1.bit         X         X         X           26         IED On/Off         1.001         1.bit         X         X         X           20         Switch an touch         Single B1: Touch         1.001         1.bit         X         X         X           21         Long switch         1.001         1.bit         X         X         X         X           21         Switch on release         Single B1: Senfe Redback I2D         18.001         1.Byte         X         X           23         Send on touch         Single B1: Senf gercent         5.001         1.Byte         X         X         X           24         Send on touch         Single B1: Senf degrce         5.003         1.Byte         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X </td <td></td> <td>Step/Stop</td> <td>Pair B: shutters Step/Stop (short touch)</td> <td>1.007</td> <td>1 bit</td> <td>Х</td> <td>Х</td> <td></td> <td>Х</td> <td></td>		Step/Stop	Pair B: shutters Step/Stop (short touch)	1.007	1 bit	Х	Х		Х	
125         Interlock         1.003         1.bit         X         X         X           26         ILED ON/OFF         Single B1: ILED ON/OFF         1.001         1.bit         X         X           30         Shortswitch         Single B1: Totch         1.001         1.bit         X         X         X           30         Switch on touch         Single B1: Totch         1.001         1.bit         X		•							Х	
196         LED On/Off         1.001         1.bit         X         X         X           30         Shortswitch         1.001         1.bit         X         X         X         X           30         Synthe notach         Single B1: Tach         1.001         1.bit         X         X         X           31         Long switch         Single B1: Tach         1.001         1.bit         X         X         X           31         Sumth on treleave         Single B1: Secal researce         1.001         1.bit         X         X         X           31         Secal on touch         Single B1: Secal researck.LED         18.001         1.bite         X         X         X           34         Secal on touch         Single B1: Secal degree         5.001         1.bite         X <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Х</td> <td>V</td>									Х	V
30         Short switch         1.001         1.01t         X         X         X         Z           30         Switch on touch         Single B1: Touch         1.001         1.01t         X							X			X
90         Switch on touch         Single B1: Touch         1.001         1.bit         X							х	^	х	^
100         Toggle on touch         Single B1: Iong switch         1.001         1.bit         X <thx< <="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></thx<>									X	
31         Long switch         1.001         1.bit         X         X         Image: Single B1: Relaxes           31         Switch on release         Single B1: Send scene         18.001         1.bit         X         X         Image: Single B1: Send scene         18.001         1.byte         X         X         Image: Single B1: Send scene         18.001         1.byte         X         X         Image: Single B1: Send scene         1.5001         1.byte         X         X         Image: Single B1: Send scene         Single B1: Send scene <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></t<>									X	
32       Seene LED       Single B1: Seen deredback LED       18 A001       18 yte       X       X         34       Send on touch       Single B1: Send percent       5.001       18 hyte       X       X         34       Send on touch       Single B1: Send degree       5.001       18 hyte       X       X       I         34       Send on touch       Single B1: Send degree       5.001       18 hyte       X       X       I         34       Send on short       Single B1: Send degree       5.001       18 hyte       X       X       I         34       Send on short       Single B1: Send degree       5.003       18 hyte       X       I       I         35       Send on touch       Single B1: Send degree       5.001       18 hyte       X       I       I         35       Send on short       Single B1: Send degree       5.001       18 hyte       X       I       I         36       Send on short       Single B1: Send degree       5.001       18 hyte       X       I       I         36       Send on release       Single B1: Send degree       5.001       18 hyte       X       I       I         36       Send on long       Single	31		Single B1: long switch		1 bit				Х	
33         Send nowh         Single B1: Send redack LED         18.001         19.1%         X         Z <thz< th="">          35         Send on ro</thz<>									Х	
341         Send on touch         Single B1: Send degree         5.001         1.Pyte         X         X         X         I           341         Send on touch         Single B1: Send Bit value         5.001         1.Pyte         X         X         I           341         Send on short         Single B1: Send agree         5.003         1.Byte         X         X         I           341         Send on short         Single B1: Send adregree         5.003         1.Byte         X         X         I           341         Send on short         Single B1: Send adregree         5.001         1.Byte         X         X         I           351         Send on short         Single B1: Send adregree         9.001         2.Bytes         X         X         I           35         Send on short         Single B1: Send adregree         5.001         1.Byte         X         X         I           36         Send on release         Single B1: Send adregree         5.003         1.Byte         X         X         I           36         Send on long         Single B1: Send adregree         5.003         1.Byte         X         X         I           36         Send on long         Single							Х		Х	
34         Send on touch         Single B1: Send degree         5.003         1 Byte         X         Z <thz< th="">         Z         <thz< th=""> <thz< th=""></thz<></thz<></thz<>					,		v	Х	v	Х
34         Send on touch         Single B1: Send B bit value         5.001         1 Byte         X <th< td=""><td></td><td></td><td></td><td></td><td>,</td><td></td><td></td><td></td><td>X X</td><td></td></th<>					,				X X	
34         Send on short         Single B1: Send degree         5.001         1.9rte         X <thx< t=""></thx<>					,	-			X	
34         Send on short         Single B1: Send 8 bit value         5.010         1 bit value         X <thx< th=""> <thx< th="">         X</thx<></thx<>									X	
35         Send on touch         Single B1: Send to ball bit value         7.001         2 Bytes         X <thx< th=""> <thx< th="">         X</thx<></thx<>	34	Send on short	Single B1: Send degree	5.003	1 Byte	Х	Х		Х	
35         Send on touch         Single B1: Send 16 bit value         7.001         2 Bytes         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X <thx< th="">         X         <thx< th="">         X         <thx< th="">         X         <thx< td=""><td></td><td>Send on short</td><td>Single B1: Send 8 bit value</td><td></td><td>1 Byte</td><td></td><td></td><td></td><td>Х</td><td></td></thx<></thx<></thx<></thx<>		Send on short	Single B1: Send 8 bit value		1 Byte				Х	
35         Send on short         Single B1: Send temperature         9.001         2 Bytes         X         X         X           35         Send on short         Single B1: Send 16 bit value         7.001         2 Bytes         X <td></td> <td></td> <td>-</td> <td></td> <td>,</td> <td></td> <td></td> <td></td> <td>Х</td> <td></td>			-		,				Х	
35         Send on release         Single B1: Send 16 bit value         7.001         2 bytes         X         X         X           36         Send on release         Single B1: Send degree         5.001         1 byte         X         X         X           36         Send on release         Single B1: Send degree         5.001         1 Byte         X         X         X           36         Send on long         Single B1: Send degree         5.003         1 Byte         X         X         Y           36         Send on long         Single B1: Send degree         5.001         1 Byte         X         X         Y           36         Send on long         Single B1: Send temperature         9.001         2 Bytes         X         X         Y           37         Send on long         Single B1: Send temperature         9.001         2 Bytes         X         X         Y         Y           37         Send on long         Single B1: Send temperature         9.001         2 Bytes         X         X         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y					,				X X	
36         Send on release         Single B1: Send percent         5.001         1 Byte         X         X         X           36         Send on release         Single B1: Send Bit Value         5.003         1 Byte         X         X         X           36         Send on release         Single B1: Send Bit Value         5.001         1 Byte         X         X         X           36         Send on long         Single B1: Send Byte         Sond         1 Byte         X         X         Y           36         Send on long         Single B1: Send Byte         Sond         1 Byte         X         X         Y           37         Send on release         Single B1: Send 1 Byte Single B1: Send 1 Byte         X         X         Y         Y           37         Send on release         Single B1: Send 1 Byte Single B1: Send 1 Byte         X         X         Y         Y           37         Send on long         Single B1: Send 1 Byte Single B1: Send 1 Byte         X         X         Y         Y           38         Bot nerlease         Single B1: Send 1 Byte Value         7.001         2 Bytes         X         X         Y           39         Send Single B1: Send ByteValue         7.001         1 bit </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td>			-						X	
36         Send on release         Single B1: Send & bit value         5.003         1 Byte         X         <					,				X	
36         Send on long         Single B1: Send degree         5.001         1 Byte         X <thx< th=""></thx<>	36	Send on release		5.003		Х	Х		Х	
36         Send on long         Single B1: Send degree         5.003         1 Byte         X         X         X           36         Send on long         Single B1: Send temperature         5.010         1 Byte         X         X         X           37         Send on release         Single B1: Send temperature         9.001         2 Bytes         X         X         X           37         Send on long         Single B1: Send 16 bit value         7.001         2 Bytes         X         X         X           37         Send on long         Single B1: Send 16 bit value         7.001         2 Bytes         X <td< td=""><td>36</td><td>Send on release</td><td>Single B1: Send 8 bit value</td><td>5.010</td><td>1 Byte</td><td></td><td>Х</td><td></td><td>Х</td><td></td></td<>	36	Send on release	Single B1: Send 8 bit value	5.010	1 Byte		Х		Х	
36         Send on long         Single B1: Send 8 bit value         5.010         1 Byte         X         X         X           37         Send on release         Single B1: Send 16 bit value         7.001         2 Bytes         X         X         X           37         Send on release         Single B1: Send 16 bit value         7.001         2 Bytes         X         X         X           37         Send on long         Single B1: Send 16 bit value         7.001         2 Bytes         X         X         X           37         Send on long         Single B1: dimming 0n/Off         1.001         1 bit         X					,				Х	
37         Send on release         Single B1: Send temperature         9.001         2 Bytes         X         X         X           37         Send on long         Single B1: Send temperature         9.001         2 Bytes         X         X         X           37         Send on long         Single B1: Send temperature         9.001         2 Bytes         X         X         X           37         Send on long         Single B1: Send temperature         9.001         2 Bytes         X         X         X           38         Dimming On/Off         Single B1: shutters Step/Stop (short touch)         1.001         1 bit         X         X         X           29         Dimming         Single B1: shutters Step/Stop (short touch)         1.001         1 bit         X         X         X           30         Interlock         Single B2: interlock         1.003         1 bit         X         X         X           31         Interlock         Single B2: interlock         1.001         1 bit         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X									Х	
37         Send on release         Single B1: Send 16 bit value         7.001         2 Bytes         X         X         X           37         Send on long         Single B1: Send 16 bit value         7.001         2 Bytes         X         X         X           28         Dimming On/Off         Single B1: send 16 bit value         7.001         2 Bytes         X         X         X           28         Dimming On/Off         Single B1: shutters Step/Stop (short touch)         1.007         1 bit         X<					,				X X	
37         Send on long         Single B1: Send 16 bit value         9.001         2 Bytes         X         X         X           38         Dimming On/Off         Single B1: simuling On/Off         1.001         1 bit         X			•						X	
37         Send on long         Single B1: send 16 bit value         7.001         2 Bytes         X <thx< th="">         X         <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></th<></thx<>									X	
28         Step/Stop         Single B1: shutters Step/Stop (short touch)         1.007         1 bit         X         X         X           29         Dimming         Single B1: dimming         3.007         4 bit         X									Х	
29         Dimming         Single B1: dimming         3.007         4 bit         X         X         X           29         Up/Down         Single B1: shutters Up/Down         1.008         1 bit         X		-							Х	
29         Up/Down         Single B1: shutters Up/Down         1.008         1 bit         X         X         X           38         Interlock         Single B2: interlock         1.003         1 bit         X         X         X           27         LED On/Off         Single B2: interlock         1.001         1 bit         X         X           39         Short switch         Single B2: Short switch         1.001         1 bit         X         X           39         Switch on touch         Single B2: Touch         1.001         1 bit         X         X         2           40         Long switch         Single B2: Iong switch         1.001         1 bit         X         X         2           41         Send scene         Single B2: Iong switch         1.001         1 bit         X         X         2           42         Scene LED         Single B2: Send scene         18.001         1 Byte         X         X         2           43         Send on touch         Single B2: Send percent         5.001         1 Byte         X         X         2           43         Send on touch         Single B2: Send percent         5.001         1 Byte         X         X									Х	
38         Interlock         Single B2: interlock         1.003         1 bit         X         X         X           27         LED On/Off         Single B2: LED On/Off         1.001         1 bit         X         X           39         Short switch         Single B2: Touch         1.001         1 bit         X         X           39         Toggle on touch         Single B2: Touch         1.001         1 bit         X         X           40         Long switch         Single B2: Touch         1.001         1 bit         X         X         2           40         Switch on release         Single B2: Send scene         18.001         1 bit         X         X         2           41         Send scene         Single B2: Send scene         18.001         1 Byte         X         X         2           42         Scene LED         Single B2: Send degree         5.001         1 Byte         X         X         2           43         Send on touch         Single B2: Send degree         5.001         1 Byte         X         X         2           43         Send on short         Single B2: Send degree         5.001         1 Byte         X         X         2		•	* *						X	
27         LED On/Off         Single B2: LED On/Off         1.001         1 bit         X         X           39         Short switch         Single B2: short switch         1.001         1 bit         X         X         3           39         Switch on touch         Single B2: Touch         1.001         1 bit         X         X         3           40         Long switch         Single B2: Touch         1.001         1 bit         X         X         3           40         Long switch         Single B2: Touch         1.001         1 bit         X         X         3           40         Send scene         Single B2: Cong switch         1.001         1 bit         X         X         3           41         Send scene         Single B2: Send scene         18.001         1 Byte         X         X         3           42         Scene LED         Single B2: Send gercent         5.001         1 Byte         X         X         3           43         Send on touch         Single B2: Send gerce         5.001         1 Byte         X         X         3           43         Send on short         Single B2: Send degree         5.003         1 Byte         X <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>x</td><td>Х</td><td>х</td></td<>								x	Х	х
39         Short switch         Single B2: short switch         1.001         1 bit         X         X         1           39         Switch on touch         Single B2: Touch         1.001         1 bit         X         X         1           39         Toggle on touch         Single B2: Touch         1.001         1 bit         X         X         1           40         Long switch         Single B2: Release         1.001         1 bit         X         X         1           40         Send on couch         Single B2: Send scene         18.001         1 Byte         X         X         1           41         Send on touch         Single B2: Send percent         5.001         1 Byte         X         X         1           43         Send on touch         Single B2: Send percent         5.001         1 Byte         X         X         1           43         Send on touch         Single B2: Send bercent         5.001         1 Byte         X         X         1           43         Send on short         Single B2: Send bit value         5.010         1 Byte         X         X         1           43         Send on short         Single B2: Send bit value         5.010			0				~			x
39         Toggle on touch         Single B2: Touch         1.001         1 bit         X         X         X           40         Long switch         Single B2: long switch         1.001         1 bit         X							Х		Х	
40         Long switch         Single B2: long switch         1.001         1 bit         X         X         X           40         Switch on release         Single B2: Release         1.001         1 bit         X         X         X           41         Send scene         Single B2: Send scene         18.001         1 Byte         X         X         X           42         Scene LED         Single B2: Send scene         18.001         1 Byte         X         X         X           43         Send on touch         Single B2: Send percent         5.001         1 Byte         X         X         X           43         Send on touch         Single B2: Send degree         5.001         1 Byte         X         X         X           43         Send on touch         Single B2: Send degree         5.001         1 Byte         X         X         X           43         Send on short         Single B2: Send degree         5.001         1 Byte         X         X         X         X           43         Send on short         Single B2: Send degree         5.003         1 Byte         X         X         X         X           44         Send on short         Single B2: Send 16									Х	
40         Switch on release         Single B2: Release         1.001         1 bit         X         X         X         X           41         Send scene         Single B2: Send scene         18.001         1 Byte         X         X         X         X           42         Scene LED         Single B2: Send percent         5.001         1 Byte         X         X         X           43         Send on touch         Single B2: Send percent         5.001         1 Byte         X         X         X           43         Send on touch         Single B2: Send degree         5.003         1 Byte         X         X         X         X           43         Send on touch         Single B2: Send degree         5.001         1 Byte         X <td></td> <td></td> <td>*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Х</td> <td></td>			*						Х	
41       Send scene       Single B2: Send scene       18.001       1 Byte       X       X       X         42       Scene LED       Single B2: Scene feedback LED       18.001       1 Byte       X       X       X         43       Send on touch       Single B2: Send percent       5.001       1 Byte       X       X       X         43       Send on touch       Single B2: Send degree       5.003       1 Byte       X       X       X         43       Send on touch       Single B2: Send degree       5.001       1 Byte       X       X       X         43       Send on touch       Single B2: Send degree       5.001       1 Byte       X       X       X         43       Send on short       Single B2: Send degree       5.001       1 Byte       X       X       X         43       Send on short       Single B2: Send degree       5.003       1 Byte       X       X       X       X         44       Send on short       Single B2: Send degree       5.003       1 Byte       X       X       X       X       X       X       X       X       X       X       X       X       X       X       X       X       X									X	
42       Scene LED       Single B2: Scene feedback LED       18.001       1 Byte       X       X         43       Send on touch       Single B2: Send percent       5.001       1 Byte       X       X       X         43       Send on touch       Single B2: Send degree       5.003       1 Byte       X       X       X         43       Send on touch       Single B2: Send degree       5.003       1 Byte       X       X       X         43       Send on touch       Single B2: Send bit value       5.010       1 Byte       X       X       X         43       Send on short       Single B2: Send percent       5.001       1 Byte       X       X       X         43       Send on short       Single B2: Send degree       5.003       1 Byte       X       X       X       X         43       Send on short       Single B2: Send degree       5.003       1 Byte       X <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X X</td><td>-</td></td<>									X X	-
43         Send on touch         Single B2: Send percent         5.001         1 Byte         X         X         X           43         Send on touch         Single B2: Send degree         5.003         1 Byte         X         X         X         X           43         Send on touch         Single B2: Send degree         5.003         1 Byte         X         X         X           43         Send on touch         Single B2: Send bit value         5.010         1 Byte         X         X         X           43         Send on short         Single B2: Send percent         5.001         1 Byte         X         X         X           43         Send on short         Single B2: Send degree         5.003         1 Byte         X         X         X           43         Send on short         Single B2: Send degree         5.003         1 Byte         X         X         X           44         Send on short         Single B2: Send degree         5.010         1 Byte         X         X         X           44         Send on touch         Single B2: Send temperature         9.001         2 Bytes         X         X         X           44         Send on short         Single B2: Send					,		^	x	^	х
43         Send on touch         Single B2: Send degree         5.003         1 Byte         X         X         X           43         Send on touch         Single B2: Send & bit value         5.010         1 Byte         X         X         X         X         X           43         Send on touch         Single B2: Send & bit value         5.010         1 Byte         X         X         X         X         X         X           43         Send on short         Single B2: Send percent         5.001         1 Byte         X         X         X         X           43         Send on short         Single B2: Send degree         5.003         1 Byte         X         X         X         X           43         Send on short         Single B2: Send degree         5.003         1 Byte         X         X         X           44         Send on short         Single B2: Send temperature         9.001         2 Bytes         X         X         X           44         Send on touch         Single B2: Send temperature         9.001         2 Bytes         X         X         X           44         Send on short         Single B2: Send temperature         9.001         2 Bytes         X							Х		Х	<u> </u>
43       Send on touch       Single B2: Send 8 bit value       5.010       1 Byte       X       X       X         43       Send on short       Single B2: Send percent       5.001       1 Byte       X       X       X       X         43       Send on short       Single B2: Send degree       5.003       1 Byte       X       X       X       X         43       Send on short       Single B2: Send degree       5.003       1 Byte       X       X       X       X         43       Send on short       Single B2: Send degree       5.010       1 Byte       X									Х	
43       Send on short       Single B2: Send degree       5.003       1 Byte       X       X       X         43       Send on short       Single B2: Send 8 bit value       5.010       1 Byte       X       X       X         44       Send on short       Single B2: Send temperature       9.001       2 Bytes       X       X       X         44       Send on touch       Single B2: Send temperature       9.001       2 Bytes       X       X       X         44       Send on touch       Single B2: Send 16 bit value       7.001       2 Bytes       X       X       X         44       Send on short       Single B2: Send temperature       9.001       2 Bytes       X					1 Byte	-			Х	
43       Send on short       Single B2: Send 8 bit value       5.010       1 Byte       X       X       Y         44       Send on touch       Single B2: Send temperature       9.001       2 Bytes       X       X       Y         44       Send on touch       Single B2: Send 16 bit value       7.001       2 Bytes       X       X       Y         44       Send on touch       Single B2: Send 16 bit value       7.001       2 Bytes       X       X       Y         44       Send on short       Single B2: Send temperature       9.001       2 Bytes       X       X       Y         44       Send on short       Single B2: Send 16 bit value       7.001       2 Bytes       X       X       Y         44       Send on short       Single B2: Send percent       5.001       1 Byte       X       X       Y         45       Send on release       Single B2: Send degree       5.003       1 Byte       X       X       Y         45       Send on long       Single B2: Send percent       5.010       1 Byte       X       X       Y         45       Send on long       Single B2: Send percent       5.001       1 Byte       X       X       Y       Y </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Х</td> <td></td>									Х	
44       Send on touch       Single B2: Send temperature       9.001       2 Bytes       X       X       X         44       Send on touch       Single B2: Send 16 bit value       7.001       2 Bytes       X       X       X         44       Send on touch       Single B2: Send 16 bit value       7.001       2 Bytes       X       X       X         44       Send on short       Single B2: Send temperature       9.001       2 Bytes       X       X       X         44       Send on short       Single B2: Send 16 bit value       7.001       2 Bytes       X       X       X         45       Send on release       Single B2: Send degree       5.001       1 Byte       X       X       X         45       Send on release       Single B2: Send betroent       5.010       1 Byte       X       X       X         45       Send on long       Single B2: Send percent       5.001       1 Byte       X       X       X         45       Send on long       Single B2: Send degree       5.003       1 Byte       X       X       X         45       Send on long       Single B2: Send degree       5.003       1 Byte       X       X       X       X					,	-			X	
44         Send on touch         Single B2: Send 16 bit value         7.001         2 Bytes         X         <									X X	
44       Send on short       Single B2: Send temperature       9.001       2 Bytes       X									X	
44       Send on short       Single B2: Send 16 bit value       7.001       2 Bytes       X									X	
45         Send on release         Single B2: Send percent         5.001         1 Byte         X <thx< th=""> <thx< <="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></thx<></thx<>									X	
45         Send on release         Single B2: Send 8 bit value         5.010         1 Byte         X         <	45			5.001		Х	Х		Х	
45         Send on long         Single B2: Send percent         5.001         1 Byte         X <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>Х</td> <td></td>						-			Х	
45         Send on long         Single B2: Send degree         5.003         1 Byte         X <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>Х</td> <td></td>						-			Х	
45         Send on long         Single B2: Send 8 bit value         5.010         1 Byte         X         X         X									X X	
							-		X	-
40 Send on release Single B2: Send temperature I 9.001 I 2 Bytes I X I X I I 2	45	Send on release	Single B2: Send temperature	9.001	2 Bytes	x	X		X	-+

NomeNomeDescriptionTotal <th></th>										
Bit         Served non-base         Single B3: Send 15 bit value.         7.001         2.9 pro.         X	No.	Function	Name		Size					
66         Send on long         Single R2. Sord if is vulner         7001         2 Byte, X         X         N         N         N           41         Sond on long         Single R2. Sord if is vulner         1.001         1.10         1.10         X         X         N         N           43         Songhan         Single R2. Solutions Sign/Song Unort tools         1.001         1.10         X								w		U
64         Send a hung         X          U         Don/Off         Pur C LLD AD/Off         LDO/Off         LDO/Off <thldo of<="" th="">         &lt;</thldo>										<u> </u>
Imming DAVOIT         Stagle R2 stamming OAVOIT         I.D.R.         X <thx< th=""> <thx< th=""></thx<></thx<>						-				
47         Singh D2. Subtrees StraySing (North Tauch)         1.007         1.bit         X <thx< th="">         X         <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><u> </u></td></t<></thx<>										<u> </u>
Her         Dumming         Single 2-5 structures (pr/Gwam         1.000         Libit         X<						-				<u> </u>
Inder Constraint         States         Line         Line         X<										
19         Interació         Pare : Lib A Q/O/FT         1.003         1 bit         X <thx< th=""> <thx< th="">         X</thx<></thx<>		*				-				<u> </u>
90         10 Donyoff         Part C: LED AUOY07         11 Donyoff         11 Donyoff         N         X <thx< <="" td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>x</td><td>~</td><td>x</td></thx<>						-		x	~	x
90         100 On/Off         Part C. LED On/Off         11001         11011         1101         1101         1						-	~			
1         ED ON/OPT         Part C. 100 AD 00/OPT         1.001         1.01         1		-	-			-				
92         Denning GNQPH         ParC of denning GNQPH         1.001         1.bit         K.X.										
92         Seq/Step         Part C: shutters' space/space (horning)         1.007         1.01         N.         X <thx< th=""> <thx< th="">         X       &lt;</thx<></thx<>							х	~	х	
Sint         Dimming         Part C dimming         3.07         4.bit         X <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
Bit Dippoint         Pair C - butter's Up/Covm         1.088         1.81         X <td></td>										
90         ID On/Off         Single C1:16D On/Off         1.001         1.bit         X         X         X           54         Switch on touch         Single C1:Touch         1.001         1.bit         X         X         X           54         Switch on touch         Single C1:Touch         1.001         1.bit         X         X         X           55         Ling switch         1.001         1.bit         X         X         X         X           55         Switch on release         Single C1: Serie switch         1.001         1.bit         X         X         X         X           56         Send on release         Single C1: Serie degree         5.001         1.Peter         X	53	Up/Down		1.008	1 bit	Х	Х		Х	
94         Short switch         1.001         1.bit         X	49	Interlock	Single C1: interlock	1.003	1 bit	Х	Х	Х		Х
94         Switch on touch         Single C1: Touch         1.001         1.bit         X	50	LED On/Off	Single C1: LED On/Off	1.001	1 bit	Х		Х		Х
94         Toggle on truch         Single C1: Touch         1.001         1.01         1.01         X         X         X           55         Long witch         Single C1: Release         1.001         1.01         X         X         X         X           56         Send scene         Single C1: Send scene         18.001         1.97e         X	54	Short switch	Single C1: short switch	1.001	1 bit	Х	Х		Х	
Solution correlates         Single C1: leng switch         1.001         1.01         X         X         X           56         Switch on relaxes         Single C1: Secta feedback (ED         13.001         1.0pt         X         X         X         X           56         Send on touch         Single C1: Secta feedback (ED         13.001         1.0pt         X	54	Switch on touch	Single C1: Touch	1.001	1 bit	Х	Х		Х	
55         Switch on release         Single C1: Serial scene         1.001         1.bit         X         X         X           57         Scene LED         13.001         1.byte         X	54	Toggle on touch	Single C1: Touch	1.001	1 bit	Х	Х		Х	
56         Send science         13/001         19/ve         X         X         X           57         Scene LED         Single C1: Send parcent         5.001         19/ve         X         X         X           58         Send on touch         Single C1: Send gerge         5.003         19/ve         X </td <td>55</td> <td>Long switch</td> <td>Single C1: long switch</td> <td>1.001</td> <td>1 bit</td> <td>Х</td> <td>Х</td> <td></td> <td>Х</td> <td></td>	55	Long switch	Single C1: long switch	1.001	1 bit	Х	Х		Х	
57         Scrue LED         Single C1: Send precent         18.001         19/re         X	55	Switch on release	Single C1: Release	1.001	1 bit	Х				
Send on touch         Single CL: Send agree         5.001         1 Byte         X         X         X           S8         Send on touch         Single CL: Send agree         5.001         1 Byte         X         X         X           S8         Send on bort         Single CL: Send agree         5.001         1 Byte         X         X         X           S8         Send on bort         Single CL: Send B Bt Value         5.001         1 Byte         X         X         X           S9         Send on bort         Single CL: Send B bt Value         5.001         1 Byte         X         X         X           S9         Send on bort         Single CL: Send 1 bt Value         7.001         2 Bytes         X		Send scene	Single C1: Send scene	18.001	1 Byte	-	Х		Х	
98         Send on bruch         Single C1: Send & Brivalue         5.003         1 Byte         X         X         X           98         Send on short         Single C1: Send & Brivalue         5.001         1 Byte         X         X         X           98         Send on short         Single C1: Send & Brivalue         5.001         1 Byte         X         X         X           98         Send on short         Single C1: Send & Brivalue         7.001         2 Bytes         X         X         X           99         Send on short         Single C1: Send & Brivalue         7.001         2 Bytes         X         X         X         X           90         Send on short         Single C1: Send & Brivalue         7.001         2 Bytes         X	57	Scene LED	Single C1: Scene feedback LED	18.001	1 Byte	-		Х		Х
98         Send on bouch         Single C1: Send percent         5.010         1 Byte         X         X         X         X           98         Send on short         Single C1: Send degree         5.031         1 Byte         X         X         X           98         Send on short         Single C1: Send B bit value         5.001         1 Byte         X         X         X           99         Send on bouch         Single C1: Send 1 Single C1						_				
98         Sand an short         Single C1: Sand agreene         5.001         1.19ky         X <thx< t<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thx<>										
Send on short         Single C1: Send Bit Yulue         5.001         1 Byte         X         X         X           Send on short         Single C1: Send Bit Yulue         9.001         2 Bytes         X         X         X           Send on short         Single C1: Send Bit Yulue         7.001         2 Bytes         X         X         X           Send on short         Single C1: Send I bit Yulue         7.001         2 Bytes         X         X         X           Send on short         Single C1: Send J Bit Yulue         7.001         2 Bytes         X         X         X           Send on release         Single C1: Send Bit Yulue         7.001         1 Byte         X										
Send on short         Single C1: Send B bit value         5.010         1 Byte         X         X         X           Send on touch         Single C1: Send temperature         9.0011         2 Bytes         X         X         X           Send on short         Single C1: Send 16 bit value         7.001         2 Bytes         X         X         X           Send on short         Single C1: Send 16 bit value         7.001         2 Bytes         X         X         X           Send on short         Single C1: Send 16 bit value         7.001         2 Bytes         X         X         X           Send on release         Single C1: Send 3 bit value         5.001         1 Byte         X         X         X         X           Send on release         Single C1: Send 4 Byt value         5.010         1 Byte         X										
99         Send on touch         Single C1: Send temperature         9.001         2.Bytes         X         X         X           90         Send on short         Single C1: Send temperature         9.001         2.Bytes         X         X         X           90         Send on short         Single C1: Send temperature         9.001         1.Byte         X         X         X           60         Send on release         Single C1: Send degree         5.003         1.Byte         X         X         X           60         Send on release         Single C1: Send degree         5.003         1.Byte         X         X         X         X           60         Send on release         Single C1: Send degree         5.003         1.Byte         X										
99         Send on touch         Single C1: Send temperature         9011         2 Bytes         X         X         X         X         X           99         Send on short         Single C1: Send temperature         9011         2 Bytes         X										
99         Send on short         Single C1: Send 1 bit value         7.001         2 bytes         X <t< td=""><td></td><td>Send on touch</td><td>Single C1: Send temperature</td><td></td><td>2 Bytes</td><td>-</td><td></td><td></td><td></td><td></td></t<>		Send on touch	Single C1: Send temperature		2 Bytes	-				
99         Send on short         Single C1: Send Ja bit value         7.001         2 byres         X         X         X           60         Send on release         Single C1: Send bercent         S.003         1 byte         X	59	Send on touch	Single C1: Send 16 bit value	7.001	2 Bytes	-				
60         Send on release         Single C1: Send degree         5.001         1 Byte         X         X         X           60         Send on release         Single C1: Send degree         5.001         1 Byte         X         X         X         X           60         Send on release         Single C1: Send percent         5.001         1 Byte         X					2 Bytes					
60         Send on release         Single C1: Send a bit value         5.010         1 Byte         X         X         X           60         Send on long         Single C1: Send bit value         5.010         1 Byte         X         X         X           60         Send on long         Single C1: Send bercent         5.011         1 Byte         X         X         X           60         Send on long         Single C1: Send bit value         5.010         1 Byte         X         <	59	Send on short	Single C1: Send 16 bit value		2 Bytes					
60         Send on release         Single C1: Send & Bit value         5.010         1 Byte         X         <			Single C1: Send percent		1 Byte					
60         Send on long         Single C1: Send degree         Sol1         1 Byte         X         X         X           60         Send on long         Single C1: Send 4 bit value         Sol03         1 Byte         X         X         X           61         Send on long         Single C1: Send 4 bit value         Sol03         1 Byte         X         X         X           61         Send on release         Single C1: Send 4 bit value         7.001         2 Bytes         X         X         X           61         Send on nelease         Single C1: Send 1 bit value         7.001         2 Bytes         X         X         X           61         Send on long         Single C1: Send 1 bit value         7.001         2 Bytes         X         X         X           62         Step/Stop         Single C1: dimming         Gondrolog         2 Bytes         X		Send on release	Single C1: Send degree		1 Byte					
50         Send on long         Single C1: Send degree         5.03         1 Byte         X         X         X           60         Send on long         Single C1: Send temperature         9.001         1 Byte         X         X         X           61         Send on release         Single C1: Send temperature         9.001         2 Bytes         X         X         X           61         Send on release         Single C1: Send temperature         9.001         2 Bytes         X         X         X           61         Send on long         Single C1: Send temperature         9.001         2 Bytes         X         X         X           62         Step/Stop         Single C1: shutters Step/Stop (short touch)         1.007         1.bit         X         X         X         X           53         Up/Down         Single C1: shutters Step/Stop (short touch)         1.007         1.bit         X         <										
60       Send on long       Single C1: Send 8 bit value       5 010       1 Byte       X       X       X         61       Send on release       Single C1: Send 15 bit value       7 001       2 Bytes       X       X       X         61       Send on nelease       Single C1: Send 15 bit value       7 001       2 Bytes       X       X       X         61       Send on long       Single C1: Send 16 bit value       7 001       2 Bytes       X       X       X         62       Send on long       Single C1: Send 16 bit value       7 001       1 bit       X       X       X       X         52       Dimming On/Off       Single C1: dimming On/Off       1 001       1 bit       X					,					
61         Send on release         Single C1: Send temperature         9.001         2 Bytes         X         X         X           61         Send on release         Single C1: Send temperature         9.001         2 Bytes         X<						-				
51         Send on release         Single C1: Send 16 bit value         7.001         2 Bytes         X         X         X           61         Send on long         Single C1: Send temperature         9.001         2 Bytes         X         X         X           61         Send on long         Single C1: dimming 0n/Off         1.001         1 bit         X         X         X           52         Dimming 0n/Off         Single C1: dimming         3.007         4 bit         X         X         X           53         Up/Down         Single C1: shutters typ/Down         1.008         1 bit         X         X         X         X           54         Up/Down         Single C2: itertock         1.003         1 bit         X <t< td=""><td></td><td>5</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></t<>		5				-				
51         Send on long         Single C1: Send temperature         9.001         2 Bytes         X         X         X           61         Send on long         Single C1: Send 16 bit value         7.001         2 Bytes         X										
61         Send on long         Single C1: Send 16 bit value         7.001         2 Bytes         X         X         X         X           52         Dimming On/Off         Single C1: dimming On/Off         1.001         1 bit         X         X         X         X           53         Dipmong         Single C1: dimming         3.007         4 bit         X										
52         Dimming On/Off         Single C1: dimming On/Off         1.001         1.bit         X         X         X         X           52         Step/Stop         Single C1: shutters Step/Stop (short touch)         1.007         1.bit         X         X         X         X           53         Dimming         Single C1: shutters Up/Down         1.008         1.bit         X										
Step/Stop         Single C1: shutters Step/Stop (short touch)         1.007         1 bit         X         X         X           S3         Dimming         Single C1: dimming         3.007         4 bit         X         X         X           S4         Up/Down         Single C1: shutters Up/Down         1.008         1 bit         X         X         X           S4         Up/Down         Single C2: interlock         1.003         1 bit         X		-								
53         Dimming         Single C1: dimming         3.007         4 bit         X         X         X           53         Up/Down         Single C1: shutters Up/Down         1.008         1 bit         X         X         X           54         Up/Down         Single C2: interlock         1.003         1 bit         X         X         X           51         LED On/Off         Single C2: interlock         1.001         1 bit         X         X         X           63         Short switch         Single C2: interlock         1.001         1 bit         X         X         X           63         Switch on touch         Single C2: Touch         1.001         1 bit         X         X         X         X           64         Long switch         Single C2: Rendese         1.001         1 bit         X <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><u> </u></td></td<>										<u> </u>
53         Up/Down         1.008         1.bit         X         X         V         X			÷ 1: 11							$\vdash$
62         Interlock         Single C2: interlock         1.003         1 bit         X										<u> </u>
51         LED On/Off         Single C2: LED On/Off         1.001         1 bit         X         X         X         X           63         Short switch         1.001         1 bit         X         X         X         X           63         Switch on touch         Single C2: short switch         1.001         1 bit         X         X         X           64         Long switch         Single C2: Touch         1.001         1 bit         X         X         X           64         Switch on release         Single C2: Release         1.001         1 bit         X         X         X           64         Switch on release         Single C2: Send scene         18.001         1 Byte         X						-		v	Х	~
63         Short switch         Single C2: short switch         1.001         1 bit         X         X         X           63         Switch on touch         Single C2: Touch         1.001         1 bit         X         X         X           63         Toggle on touch         Single C2: Touch         1.001         1 bit         X         X         X           64         Long switch         Single C2: long switch         1.001         1 bit         X         X         X           64         Switch on release         Single C2: Release         1.001         1 bit         X         X         X           65         Send scene         18.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send percent         5.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send degree         5.003         1 Byte         X         X         X           67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X           67         Send on short         Single C2: Send degree         5.003         1							X			
63         Switch on touch         Single C2: Touch         1.001         1 bit         X         X         X           64         Long switch         Single C2: Touch         1.001         1 bit         X         X         X           64         Long switch         Single C2: Release         1.001         1 bit         X         X         X           64         Switch on release         Single C2: Release         1.001         1 bit         X         X         X         X           65         Send scene         Single C2: Send scene         18.001         1 Byte         X         X         X         X         X           66         Songle C2: Send percent         5.001         1 Byte         X         X         X         X         X           67         Send on touch         Single C2: Send degree         5.001         1 Byte         X							v	X	v	X
63         Toggle on touch         Single C2: Touch         1.001         1 bit         X         X         X           64         Long switch         Single C2: long switch         1.001         1 bit         X         X         X           64         Switch on release         Single C2: Release         1.001         1 bit         X         X         X           64         Switch on release         Single C2: Send scene         18.001         1 Byte         X         X         X           65         Send scene         Single C2: Send percent         5.001         1 Byte         X         X         X           66         Scene LED         Single C2: Send percent         5.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send agree         5.003         1 Byte         X <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td> </td> <td></td> <td>┢──┤</td>						-				┢──┤
64         Long switch         1.001         1 bit         X         X         X         X           64         Switch on release         Single C2: Release         1.001         1 bit         X         X         X           65         Send scene         Single C2: Send scene         18.001         1 Byte         X         X         X           65         Send scene         Single C2: Send feedback LED         18.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send degree         5.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send degree         5.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send degree         5.001         1 Byte         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>┢──┤</td></t<>						-				┢──┤
64         Switch on release         Single C2: Release         1.001         1 bit         X         X         X           65         Send scene         Single C2: Send scene         18.001         1 Byte         X         X         X           66         Scene LED         Single C2: Send feedback LED         18.001         1 Byte         X         X         X           67         Send on touch         Single C2: Send percent         5.001         1 Byte         X         X         X           67         Send on touch         Single C2: Send percent         5.001         1 Byte         X         X         X           67         Send on short         Single C2: Send percent         5.001         1 Byte         X         X         X           67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X           67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X         X           68         Send on touch         Single C2: Send 16 bit value         5.010         1 Byte         X         X         X         X           68         Send on short		**								$\vdash$
65         Send scene         18.001         1 Byte         X         X         X         X           66         Scene LED         Single C2: Scene feedback LED         18.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send percent         5.001         1 Byte         X		-								┢──┤
66         Scene LED         Single C2: Scene feedback LED         18.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send percent         5.001         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send degree         5.003         1 Byte         X         X         X         X           67         Send on touch         Single C2: Send degree         5.001         1 Byte         X </td <td></td> <td></td> <td>*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>┢──┤</td>			*							┢──┤
67       Send on touch       Single C2: Send percent       5.001       1 Byte       X       X       X         67       Send on touch       Single C2: Send degree       5.003       1 Byte       X       X       X         67       Send on touch       Single C2: Send bit value       5.010       1 Byte       X       X       X       X         67       Send on touch       Single C2: Send bit value       5.001       1 Byte       X       X       X       X         67       Send on short       Single C2: Send degree       5.003       1 Byte       X       X       X       X         67       Send on short       Single C2: Send degree       5.010       1 Byte       X								х		х
67         Send on touch         Single C2: Send degree         5.003         1 Byte         X         X         X           67         Send on touch         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X           67         Send on short         Single C2: Send percent         5.001         1 Byte         X         X         X           67         Send on short         Single C2: Send percent         5.001         1 Byte         X         X         X           67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X           67         Send on short         Single C2: Send temperature         9.001         2 Bytes         X         X         X         X           68         Send on touch         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           68         Send on short         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           68         Send on short         Single C2: Send percent         5.001         1 Byte         X         X         X           69         Send on release         <						-	х		х	
67         Send on touch         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X           67         Send on short         Single C2: Send percent         5.001         1 Byte         X         X         X         X           67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X         X           67         Send on short         Single C2: Send 8 bit value         5.010         1 Byte         X         <						-				
67         Send on short         Single C2: Send percent         5.001         1 Byte         X         X         X           67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X         X           67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X         X           68         Send on touch         Single C2: Send temperature         9.001         2 Bytes         X						-				
67         Send on short         Single C2: Send degree         5.003         1 Byte         X         X         X           67         Send on short         Single C2: Send 8 bit value         5.010         1 Byte         X						-				$\square$
67         Send on short         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X           68         Send on touch         Single C2: Send temperature         9.001         2 Bytes         X										
68         Send on touch         Single C2: Send temperature         9.001         2 Bytes         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></t<>						-				
68         Send on touch         Single C2: Send 16 bit value         7.001         2 Bytes         X         <					,	-				$\square$
68         Send on short         Single C2: Send temperature         9.001         2 Bytes         X         X         X           68         Send on short         Single C2: Send 16 bit value         7.001         2 Bytes         X <td></td> <td></td> <td></td> <td></td> <td>,</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>					,	-				
68         Send on short         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           69         Send on release         Single C2: Send percent         5.001         1 Byte         X         X         X         X           69         Send on release         Single C2: Send degree         5.003         1 Byte         X         X         X         X           69         Send on release         Single C2: Send degree         5.003         1 Byte         X         X         X         X           69         Send on release         Single C2: Send a bit value         5.010         1 Byte         X										
69         Send on release         Single C2: Send percent         5.001         1 Byte         X         X         X           69         Send on release         Single C2: Send degree         5.003         1 Byte         X         X         X         X           69         Send on release         Single C2: Send degree         5.010         1 Byte         X         X         X         X           69         Send on long         Single C2: Send percent         5.001         1 Byte         X         X         X         X           69         Send on long         Single C2: Send percent         5.001         1 Byte         X					,	-				
69         Send on release         Single C2: Send degree         5.003         1 Byte         X         X         X           69         Send on release         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X         X           69         Send on long         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X         X           69         Send on long         Single C2: Send percent         5.001         1 Byte         X         X         X         X           69         Send on long         Single C2: Send degree         5.003         1 Byte         X         X         X         X           69         Send on long         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X         X           70         Send on release         Single C2: Send temperature         9.001         2 Bytes         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>						-				
69         Send on release         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X         X         X           69         Send on long         Single C2: Send percent         5.001         1 Byte         X	69				,					
69         Send on long         Single C2: Send percent         5.001         1 Byte         X <td></td>										
69         Send on long         Single C2: Send degree         5.003         1 Byte         X         X         X           69         Send on long         Single C2: Send 8 bit value         5.010         1 Byte         X         X         X           70         Send on release         Single C2: Send temperature         9.001         2 Bytes         X         X         X           70         Send on release         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X										$\square$
69         Send on long         Single C2: Send 8 bit value         5.010         1 Byte         X										$\square$
70         Send on release         Single C2: Send temperature         9.001         2 Bytes         X										$\square$
70         Send on release         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X         X           70         Send on long         Single C2: Send temperature         9.001         2 Bytes         X         X         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X         X						-				
70         Send on long         Single C2: Send temperature         9.001         2 Bytes         X         X         X         X           70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X         X         X         X										
70         Send on long         Single C2: Send 16 bit value         7.001         2 Bytes         X         X         X						-				
		-				Х				

••	- ··			<i>c</i> :			-1		
No.	Function	Name	Data point type (DPT)	Size	с	R	Flags W	т	U
71	Step/Stop	Single C2: shutters Step/Stop (short touch)	1.007	1 bit	X	X		X	•
72	Dimming	Single C2: dimming	3.007	4 bit	х	х		Х	
72	Up/Down	Single C2: shutters Up/Down	1.008	1 bit	Х	Х		Х	
73	Interlock	Pair D: interlock	1.003	1 bit	х	х	Х		Х
74	LED On/Off	Pair D: LED A1 On/Off	1.001	1 bit	Х		Х		Х
74	LED On/Off	Pair D: LED On/Off	1.001	1 bit	X		X		Х
75 76	LED On/Off Dimming On/Off	Pair D: LED A2 On/Off Pair D: dimming On/Off	1.001 1.001	1 bit 1 bit	X X	х	Х	х	Х
76	Step/Stop	Pair D: shutters Step/Stop (short touch)	1.001	1 bit	x	X		X	
77	Dimming	Pair D: dimming	3.007	4 bit	X	X		X	
77	Up/Down	Pair D: shutters Up/Down	1.008	1 bit	X	X		X	
73	Interlock	Single D1: interlock	1.003	1 bit	Х	Х	Х		Х
74	LED On/Off	Single D1: LED On/Off	1.001	1 bit	Х		Х		
78	Short switch	Single D1: short switch	1.001	1 bit	Х	Х		Х	<b></b>
78	Switch on touch	Single D1: Touch	1.001	1 bit	X	Х		Х	
78	Toggle on touch	Single D1: Touch	1.001	1 bit 1 bit	X X	X X		X X	
79 79	Long switch Switch on release	Single D1: long switch Single D1: Release	1.001 1.001	1 bit	X	X		X	
80	Send scene	Single D1: Neiease	18.001	1 Byte	X	X		X	
81	Scene LED	Single D1: Scene feedback LED	18.001	1 Byte	X	~	х	~	х
82	Send on touch	Single D1: Send percent	5.001	1 Byte	х	х		Х	
82	Send on touch	Single D1: Send degree	5.003	1 Byte	Х	Х		Х	
82	Send on touch	Single D1: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
82	Send on short	Single D1: Send percent	5.001	1 Byte	х	Х		Х	
82	Send on short	Single D1: Send degree	5.003	1 Byte	X	Х	ļ	Х	
82	Send on short	Single D1: Send 8 bit value	5.010	1 Byte	X	X		Х	
83	Send on touch	Single D1: Send temperature Single D1: Send 16 bit value	9.001	2 Bytes	X	X		X	
83 83	Send on touch Send on short	Single D1: Send 16 bit Value Single D1: Send temperature	7.001 9.001	2 Bytes 2 Bytes	X X	X X		X X	-
83	Send on short	Single D1: Send 16 bit value	7.001	2 Bytes	X	X		X	
84	Send on release	Single D1: Send percent	5.001	1 Byte	х	х		х	
84	Send on release	Single D1: Send degree	5.003	1 Byte	Х	Х		Х	
84	Send on release	Single D1: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
84	Send on long	Single D1: Send percent	5.001	1 Byte	Х	Х		Х	
84	Send on long	Single D1: Send degree	5.003	1 Byte	Х	Х		Х	<b></b>
84	Send on long	Single D1: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
85 85	Send on release	Single D1: Send temperature	9.001	2 Bytes	X X	X X		X X	
85	Send on release Send on long	Single D1: Send 16 bit value Single D1: Send temperature	7.001 9.001	2 Bytes 2 Bytes	X	X		X	
85	Send on long	Single D1: Send 16 bit value	7.001	2 Bytes	X	X		X	
76	Dimming On/Off	Single D1: dimming On/Off	1.001	1 bit	X	X		X	
76	Step/Stop	Single D1: shutters Step/Stop (short touch)	1.007	1 bit	Х	х		Х	
77	Dimming	Single D1: dimming	3.007	4 bit	Х	Х		Х	
77	Up/Down	Single D1: shutters Up/Down	1.008	1 bit	Х	Х		Х	
86	Interlock	Single D2: interlock	1.003	1 bit	Х	Х	Х		Х
75	LED On/Off	Single D2: LED On/Off	1.001	1 bit	X	X	Х		х
87 87	Short switch Switch on touch	Single D2: short switch	1.001 1.001	1 bit 1 bit	X	X X		X X	
87	Toggle on touch	Single D2: Touch Single D2: Touch	1.001	1 bit	X	X		X	
88	Long switch	Single D2: long switch	1.001	1 bit	X	X		X	
88	Switch on release	Single D2: Release	1.001	1 bit	X	X		X	
89	Send scene	Single D2: Send scene	18.001	1 Byte	х	Х		Х	
90	Scene LED	Single D2: Scene feedback LED	18.001	1 Byte	Х		Х		Х
91	Send on touch	Single D2: Send percent	5.001	1 Byte	Х	Х		Х	<u> </u>
91	Send on touch	Single D2: Send degree	5.003	1 Byte	X	X		X	<u> </u>
91 91	Send on touch Send on short	Single D2: Send 8 bit value Single D2: Send percent	5.010 5.001	1 Byte	X X	X X		X X	
91 91	Send on short Send on short	Single D2: Send percent Single D2: Send degree	5.001	1 Byte 1 Byte	X	X		X	
91	Send on short	Single D2: Send degree	5.010	1 Byte	X	X		X	
92	Send on touch	Single D2: Send temperature	9.001	2 Bytes	X	X		X	
92	Send on touch	Single D2: Send 16 bit value	7.001	2 Bytes	X	X		Х	
92	Send on short	Single D2: Send temperature	9.001	2 Bytes	Х	Х		Х	
92	Send on short	Single D2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
93	Send on release	Single D2: Send percent	5.001	1 Byte	Х	Х		Х	
93	Send on release	Single D2: Send degree	5.003	1 Byte	Х	Х		Х	
93	Send on release	Single D2: Send 8 bit value	5.010	1 Byte	X	X		X	
93 93	Send on long Send on long	Single D2: Send percent Single D2: Send degree	5.001 5.003	1 Byte	X X	X X		X X	<u> </u>
93 93	Send on long	Single D2: Send & bit value	5.003	1 Byte 1 Byte	X	X		X	]
93	Send on release	Single D2: Send 8 bit Value Single D2: Send temperature	9.001	2 Bytes	X	X		X	
94	Send on release	Single D2: Send 16 bit value	7.001	2 Bytes	x	X		X	
94	Send on long	Single D2: Send temperature	9.001	2 Bytes	X	X		X	
94	Send on long	Single D2: Send 16 bit value	7.001	2 Bytes	х	Х		Х	
95	Dimming On/Off	Single D2: dimming On/Off	1.001	1 bit	Х	Х		Х	
95	Step/Stop	Single D2: shutters Step/Stop (short touch)	1.007	1 bit	Х	Х		Х	
96	Dimming	Single D2: dimming	3.007	4 bit	х	Х		Х	
96	Up/Down	Single D2: shutters Up/Down	1.008	1 bit	X	X		Х	
97	Interlock	Pair E: interlock	1.003	1 bit	Х	Х	Х		Х

NomeNomeNomeNomeNomeNomeNome101000000000000000000000000000000000000										
98         UE DavgNPT         Part : LLD AdsOv[07]         1.00         1.01         1	No.	Function	Name		Size			-		
98         Lib Dry(off         Part ELD ADV(off         1.00.         1.00.         1.00.         X <thx< th="">         X         <thx< th="">         X</thx<></thx<>					4.1.15		R		Т	
99         Lib Doryoff         Part E dimension (Over)         1.001         1.800         X <thx< th="">         X         X         <thx< th=""></thx<></thx<>		•				-				
D30         Denning GN/Off         Part is shutter StepNing (Morisouch)         L021         L024         X										
1000         Sep/Sing         1010         VID         1010         VID         1010         VID         N         X <thx< t<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>v</td><td>X</td><td>v</td><td>X</td></thx<>							v	X	v	X
101         Domming         Part E-domming         3.007         4 bit         X         X         K         K         N           97         Interlock         Single 11. Interlock         1.003         1.bit         X						-				
101         Up(com         Pic Exturbics Up(20m)         1.000         V         X         <		** *				-				
97         Interack         1000         10tt         X		*	~ ~ ~			-			_	-
98         Li D OnyOff         Single TI. LID On/Off         1011         11bit         X <thx< th="">         X         <thx< th="">         X</thx<></thx<>						-		x	~	x
101         South much         Single 11: Touch         1.001         1.181         K         X         K						-	~			
101         Switch on touch         Single 11 Touch         1.001         1.01t         1.0tt         1.0tt         1.01		-				-	х	~	x	~
100         Toggie on touch         Single 11 Touch         1 001         1 bit         X										
103         Ling workin         Single II: long workin         1.001         1.01         1.01         X <thx< td="" th<=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></thx<>						-				
103         Switch on release         Single 11: Review         1.001         1.01         1.01         1.01         1.01         1.01         5.01         1.94         X										
104         Event Scheme         Fight 11: Send scheme (SDB)         13.001         1.8.ptt         X         <	103			1.001	1 bit	Х	Х		Х	
106         Serid on touch         Single 11: Send agree         5.001         18 byte         X <thx< <="" td=""><td>104</td><td>Send scene</td><td>-</td><td>18.001</td><td>1 Byte</td><td>Х</td><td>Х</td><td></td><td>Х</td><td></td></thx<>	104	Send scene	-	18.001	1 Byte	Х	Х		Х	
106         Send on touch         Single E1: Send Byt value         5.003         1.Byte         X	105	Scene LED	Single E1: Scene feedback LED	18.001	1 Byte	Х		Х		Х
106         Serid on touch         Single 11 send shrvatue         5.010         1.8 ptr         X <thx< td=""><td>106</td><td>Send on touch</td><td>Single E1: Send percent</td><td>5.001</td><td>1 Byte</td><td>Х</td><td>Х</td><td></td><td>Х</td><td></td></thx<>	106	Send on touch	Single E1: Send percent	5.001	1 Byte	Х	Х		Х	
106         Send on short         Simple E1: send gergen         5.001         1 Byte         X </td <td>106</td> <td>Send on touch</td> <td>Single E1: Send degree</td> <td>5.003</td> <td>1 Byte</td> <td>Х</td> <td>Х</td> <td></td> <td>Х</td> <td></td>	106	Send on touch	Single E1: Send degree	5.003	1 Byte	Х	Х		Х	
106         Send on short         Simple E1: Send & Bit Nulae         5.003         1 Byte         X <t< td=""><td>106</td><td>Send on touch</td><td>Single E1: Send 8 bit value</td><td>5.010</td><td>1 Byte</td><td>Х</td><td>Х</td><td></td><td>Х</td><td></td></t<>	106	Send on touch	Single E1: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
106         Send on short         Single E1: Send Spraya         X	106	Send on short	Single E1: Send percent	5.001	1 Byte	Х	Х		Х	
1977         Send on touch         Single E1: send 16 bit value         2 001         2 9/res         X	106	Send on short	Single E1: Send degree	5.003	1 Byte	Х	Х		Х	
107         Send on touch         Single E1: Send 15 bit value         7.001         2.94vs.         X	106	Send on short	Single E1: Send 8 bit value	5.010	1 Byte	Х			Х	
107         Send on short         Single E1: Send 16 bit Value         9.001         2 Rytes         X         X         X           108         Send on release         Single E1: Send agreen         5.001         1 Ryte         X         X         X           108         Send on release         Single E1: Send agreene         5.001         1 Ryte         X         X         X           108         Send on release         Single E1: Send agreene         5.001         1 Ryte         X         X         X           108         Send on long         Single E1: Send Bit Value         5.001         1 Ryte         X	107	Send on touch	Single E1: Send temperature	9.001	2 Bytes	-				
107         Send on short         Single E1: Send percent         7.001         2. Phys.         X	107			7.001	2 Bytes	Х				
108         Send on release         Single E1. Send agree         5.001         1 Byte         X         X         X           108         Send on release         Single E1. Send agree         5.010         1 Byte         X         X         X           108         Send on long         Single E1. Send percent         5.010         1 Byte         X         X         X           108         Send on long         Single E1. Send bit value         5.001         1 Byte         X					,					
108         Send on release         Single E1: Send B bit value         5.003         1 Byte         X         X         X         X           108         Send on long         Single E1: Send B bit value         5.001         1 Byte         X         X         X           108         Send on long         Single E1: Send agree         5.001         1 Byte         X         X         X           108         Send on long         Single E1: Send temperature         9.001         2 Bytes         X         X         X           109         Send on long         Single E1: Send temperature         9.001         2 Bytes         X         X         X           109         Send on long         Single E1: Send temperature         9.001         2 Bytes         X         X         X           100         Demming On/Off         Single E1: shutters Single E1: Send temperature         9.001         2 Bytes         X			-							
108         Send on release         Single 11: Send & Bit value         5.010         1 Byte         X         X         X           108         Send on long         Single 11: Send degree         5.001         1 Byte         X         X         X           108         Send on long         Single 11: Send degree         5.003         1 Byte         X         X         X           109         Send on release         Single 11: Send temperature         9.001         2 Bytes         X									_	
108         Send on long         Single 11: Send percent         5.001         1 Byte         X         X         X           108         Send on long         Single 11: Send degree         5.003         1 Byte         X         X         X           109         Send on long         Single 11: Send degree         5.001         1 Byte         X         X         X           109         Send on release         Single 11: Send 16 to value         7.001         2 Bytes         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
108         Send on long         Single 11: Send degree         5.013         1 Byte         X         X         X           109         Send on release         Single 11: Send temperature         9.001         2 Bytes         X         X         X           109         Send on release         Single 11: Send temperature         9.001         2 Bytes         X         X         X           109         Send on long         Single 11: Send temperature         9.001         2 Bytes         X </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			-							
198         Send on long         Single E1: Send A bit value         5.010         1 Byte         X         X         X           109         Send on release         Single E1: Send 16 bit value         7.001         2 Bytes         X </td <td></td>										
199         Send on release         Single 11: Send temperature         9 001         2 bytes         X		Send on long	Single E1: Send degree		1 Byte	-			_	
199         Send on release         Single E1: Send 16 bit value         7.001         2 bytes         X	108	Send on long	Single E1: Send 8 bit value	5.010	1 Byte				_	
109         Send on long         Single E1: send temperature         9.01.         2.8 ytes         X         <			Single E1: Send temperature		2 Bytes					
199         Send on long         Single E1: send 16 bit value         7.01         2.8 yrs         X <t< td=""><td></td><td>Send on release</td><td>Single E1: Send 16 bit value</td><td></td><td>2 Bytes</td><td></td><td></td><td></td><td></td><td></td></t<>		Send on release	Single E1: Send 16 bit value		2 Bytes					
100         Dimming On/Off         Single E1: dimming On/Off         1.001         1.bit         X <thx< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></thx<>						-				
100         Step/Stop         Single £1: shutters step/Stop (short touch)         1.007         1.bit         X         X         X           101         Dimming         Single £1: shutters tup/Down         1.008         1.bit         X         X         X         X           101         Up/Down         Single £1: shutters tup/Down         1.008         1.bit         X			Single E1: Send 16 bit value		2 Bytes					
101         Dimming         Single E1: dimming         307         4 bit         X         X         X           101         Up/Down         Single E1: shutters Up/Down         1.008         1 bit         X         X         X         X           101         Interlock         Single E2: interlock         1.001         1 bit         X										
101         Up/Down         Single E1: shutters Up/Down         1.008         1.bit         X <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>						-				
110         Interlock         Single E2: interlock         1.003         1.bit         X						-			_	
99         LED On/Off         1.001         1 bit         X		17							Х	
111         Short switch         1.001         1 bit         X         X         X           111         Switch on touch         Single E2: Touch         1.001         1 bit         X         X         X           111         Toggle on touch         Single E2: Touch         1.001         1 bit         X         X         X           112         Long switch         Single E2: Touch         1.001         1 bit         X         X         X           112         Switch on release         Single E2: Send scene         18.001         1 byte         X         X         X           113         Send scene         Single E2: Send scene         18.001         1 Byte         X							Х			
111         Switch on touch         Single E2: Touch         1.001         1.bit         X         X         X           111         Toggle on touch         Single E2: long switch         1.001         1.bit         X         X         X           112         Long switch         Single E2: Sele long switch         1.001         1.bit         X								Х		Х
111         Toggle on touch         Single E2: Touch         1.001         1.bit         X         X         X         X           112         Long switch         Single E2: Release         1.001         1.bit         X										
112         Long switch         Single E2: long switch         1.001         1 bit         X         X         X         X           113         Send scene         Single E2: Send scene         1.001         1 bit         X         X         X           114         Scene LED         Single E2: Send scene         18.001         1 Byte         X         X         X         X           115         Send on touch         Single E2: Send gergee         5.003         1 Byte         X         <										
112         Switch on release         Single E2: Release         1.001         1 bit         X         X         X         X           113         Send scene         Single E2: Send scene         18.001         1Byte         X         X         X           113         Sene LED         Single E2: Sene feedback LED         18.001         1Byte         X         X         X           115         Send on touch         Single E2: Send byt value         5.001         1Byte         X         X         X         X           115         Send on touch         Single E2: Send byt value         5.001         1Byte         X <t< td=""><td></td><td>55</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		55	-							
111       Send scene       18.001       19.tet       X       X       V       X <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			•							
114       Scene LED       Single E2: Scene feedback LED       18.001       1 Byte       X       X       X       X         115       Send on touch       Single E2: Send percent       5.001       1 Byte       X <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
115         Send on touch         Single E2: Send bercent         5.001         1 Byte         X         X         X           115         Send on touch         Single E2: Send degree         5.003         1 Byte         X         X         X           115         Send on touch         Single E2: Send degree         5.001         1 Byte         X         X         X           115         Send on short         Single E2: Send degree         5.003         1 Byte         X         X         X         X           115         Send on short         Single E2: Send degree         5.003         1 Byte         X         X         X         X           116         Gend on touch         Single E2: Send temperature         9.001         2 Bytes         X         X         X         X           116         Send on short         Single E2: Send temperature         9.001         2 Bytes         X					,	-	X	v	X	~
115       Send on touch       Single E2: Send degree       5.003       1 Byte       X       X       X         115       Send on touch       Single E2: Send 8 bit value       5.010       1 Byte       X       X       X         115       Send on short       Single E2: Send percent       5.001       1 Byte       X       X       X       X         115       Send on short       Single E2: Send degree       5.003       1 Byte       X							N/	X		X
115       Send on touch       Single E2: Send 8 bit value       5.010       1 Byte       X       X       X         115       Send on short       Single E2: Send percent       5.001       1 Byte       X       X       X         115       Send on short       Single E2: Send degree       5.003       1 Byte       X       X       X       X         116       Send on short       Single E2: Send 8 bit value       5.010       1 Byte       X </td <td></td> <td></td> <td>•</td> <td></td> <td>,</td> <td>-</td> <td></td> <td></td> <td>_</td> <td><math>\vdash</math></td>			•		,	-			_	$\vdash$
115       Send on short       Single E2: Send percent       5.001       1 Byte       X       X       X         115       Send on short       Single E2: Send degree       5.003       1 Byte       X       X       X         115       Send on short       Single E2: Send & bit value       5.010       1 Byte       X       X       X         116       Send on short       Single E2: Send temperature       9.001       2 Bytes       X       X       X         116       Send on touch       Single E2: Send temperature       9.001       2 Bytes       X       X       X         116       Send on short       Single E2: Send temperature       9.001       2 Bytes       X       X       X       X         116       Send on short       Single E2: Send percent       5.001       1 Byte       X       X       X       X         117       Send on release       Single E2: Send percent       5.003       1 Byte       X										$\vdash$
115         Send on short         Single E2: Send degree         5.003         1 Byte         X         X         X           115         Send on short         Single E2: Send 8 bit value         5.010         1 Byte         X         X         X           116         Send on touch         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X           116         Send on short         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X         X           116         Send on short         Single E2: Send 16 bit value         7.001         2 Bytes         X					,	-			_	$\vdash$
115         Send on short         Single E2: Send 8 bit value         5.010         1 Byte         X         X         X           116         Send on touch         Single E2: Send temperature         9.001         2 Bytes         X         X         X         X           116         Send on touch         Single E2: Send 16 bit value         7.001         2 Bytes         X						-			_	$\vdash$
116         Send on touch         Single E2: Send temperature         9.001         2 Bytes         X         X         X           116         Send on touch         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X         X           116         Send on short         Single E2: Send temperature         9.001         2 Bytes         X						-				$\vdash$
116         Send on touch         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X           116         Send on short         Single E2: Send temperature         9.001         2 Bytes         X         X         X           116         Send on short         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X           117         Send on release         Single E2: Send degree         5.003         1 Byte         X         X         X         X           117         Send on release         Single E2: Send degree         5.001         1 Byte         X         X         X         X           117         Send on nelease         Single E2: Send degree         5.001         1 Byte         X         X         X         X           117         Send on long         Single E2: Send degree         5.003         1 Byte         X <td< td=""><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td>_</td><td><math>\vdash</math></td></td<>			•						_	$\vdash$
116         Send on short         Single E2: Send temperature         9.001         2 Bytes         X         X         X           116         Send on short         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X         X         X           117         Send on short         Single E2: Send percent         5.001         1 Byte         X						-			_	$\vdash$
116         Send on short         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X           117         Send on release         Single E2: Send percent         5.001         1 Byte         X         X         X         X           117         Send on release         Single E2: Send degree         5.003         1 Byte         X         X         X         X           117         Send on release         Single E2: Send degree         5.001         1 Byte         X         X         X         X           117         Send on long         Single E2: Send degree         5.001         1 Byte         X <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>_</td> <td><math>\vdash</math></td>			-			-			_	$\vdash$
117       Send on release       Single E2: Send percent       5.001       1 Byte       X       X       X       X         117       Send on release       Single E2: Send degree       5.003       1 Byte       X <td< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>_</td><td></td></td<>						-			_	
117       Send on release       Single E2: Send degree       5.003       1 Byte       X       X       X         117       Send on release       Single E2: Send 8 bit value       5.010       1 Byte       X       X       X       X         117       Send on long       Single E2: Send bercent       5.001       1 Byte       X       X       X       X         117       Send on long       Single E2: Send degree       5.003       1 Byte       X       X       X       X         117       Send on long       Single E2: Send degree       5.003       1 Byte       X       X       X       X       X         118       Send on long       Single E2: Send degree       5.010       1 Byte       X			-			-				
117         Send on release         Single E2: Send 8 bit value         5.010         1 Byte         X         X         X           117         Send on long         Single E2: Send percent         5.001         1 Byte         X         X         X         X           117         Send on long         Single E2: Send degree         5.003         1 Byte         X         X         X         X           117         Send on long         Single E2: Send degree         5.003         1 Byte         X <td< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>_</td><td></td></td<>						-			_	
117         Send on long         Single E2: Send percent         5.001         1 Byte         X         X         X         X           117         Send on long         Single E2: Send degree         5.003         1 Byte         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></t<>						-				
117         Send on long         Single E2: Send degree         5.003         1 Byte         X         X         X           117         Send on long         Single E2: Send 8 bit value         5.010         1 Byte         X						-				
117         Send on long         Single E2: Send 8 bit value         5.010         1 Byte         X         X         X           118         Send on release         Single E2: Send temperature         9.001         2 Bytes         X <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>_</td> <td></td>						-			_	
118         Send on release         Single E2: Send temperature         9.001         2 Bytes         X		•			,	-				
118         Send on release         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X           118         Send on long         Single E2: Send temperature         9.001         2 Bytes         X<			-						_	
118         Send on long         Single E2: Send temperature         9.001         2 Bytes         X         X         X         X           118         Send on long         Single E2: Send 16 bit value         7.001         2 Bytes         X <td></td> <td></td> <td></td> <td></td> <td>,</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>					,	-				
118         Send on long         Single E2: Send 16 bit value         7.001         2 Bytes         X         X         X         X         X           119         Dimming On/Off         Single E2: dimming On/Off         1.001         1 bit         X			-			-			_	
119         Dimming On/Off         Single E2: dimming On/Off         1.001         1 bit         X		-			,	-				
119         Step/Stop         Single E2: shutters Step/Stop (short touch)         1.007         1 bit         X										
120         Dimming         Single E2: dimming         3.007         4 bit         X										
120         Up/Down         Single E2: shutters Up/Down         1.008         1 bit         X <td></td> <td>** *</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>		** *				-				
121         Interlock         Pair F: interlock         1.003         1 bit         X		*				-				
122         LED On/Off         Pair F: LED A1 On/Off         1.001         1 bit         X         X         X           122         LED On/Off         Pair F: LED On/Off         1.001         1 bit         X         X         X           123         LED On/Off         Pair F: LED A2 On/Off         1.001         1 bit         X         X         X						-		Х		х
122         LED On/Off         Pair F: LED On/Off         1.001         1 bit         X         X         X           123         LED On/Off         Pair F: LED A2 On/Off         1.001         1 bit         X         X         X         X										
123         LED On/Off         1.001         1 bit         X         X         X						-			1	
		•				-				
							х		х	

No.	Function	Name	Data point type	Size			Flags		
			(DPT)	0.20	с	R	W	т	U
124	Step/Stop	Pair F: shutters Step/Stop (short touch)	1.007	1 bit	Х	Х		Х	
125	Dimming	Pair F: dimming	3.007	4 bit	Х	Х		Х	
125	Up/Down	Pair F: shutters Up/Down	1.008	1 bit	X	Х	v	Х	- V
121 122	Interlock LED On/Off	Single F1: interlock Single F1: LED On/Off	1.003 1.001	1 bit 1 bit	X X	Х	X		X X
122	Short switch	Single F1: short switch	1.001	1 bit	X	х	^	х	^
126	Switch on touch	Single F1: Touch	1.001	1 bit	X	X		X	
126	Toggle on touch	Single F1: Touch	1.001	1 bit	Х	Х		х	
127	Long switch	Single F1: long switch	1.001	1 bit	Х	Х		Х	
127	Switch on release	Single F1: Release	1.001	1 bit	х	Х		х	
128	Send scene	Single F1: Send scene	18.001	1 Byte	Х	Х		х	
129	Scene LED	Single F1: Scene feedback LED	18.001	1 Byte	X		Х		Х
130 130	Send on touch Send on touch	Single F1: Send percent Single F1: Send degree	5.001 5.003	1 Byte 1 Byte	X X	X X		X X	<u> </u>
130	Send on touch	Single F1: Send 8 bit value	5.010	1 Byte	x	X		X	
130	Send on short	Single F1: Send percent	5.001	1 Byte	X	X		X	
130	Send on short	Single F1: Send degree	5.003	1 Byte	Х	х		х	
130	Send on short	Single F1: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
131	Send on touch	Single F1: Send temperature	9.001	2 Bytes	Х	Х		Х	
131	Send on touch	Single F1: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
131	Send on short	Single F1: Send temperature	9.001	2 Bytes	Х	Х		Х	
131	Send on short	Single F1: Send 16 bit value	7.001	2 Bytes	X	X		Х	
132 132	Send on release	Single F1: Send percent	5.001	1 Byte	X X	X X		X X	
132 132	Send on release	Single F1: Send degree Single F1: Send 8 bit value	5.003 5.010	1 Byte 1 Byte	X	X X		X X	
132	Send on release	Single F1: Send 8 bit Value	5.010	1 Byte 1 Byte	X	X		X	
132	Send on long	Single F1: Send bercent	5.001	1 Byte	X	X		X	
132	Send on long	Single F1: Send 8 bit value	5.010	1 Byte	X	X		X	
133	Send on release	Single F1: Send temperature	9.001	2 Bytes	Х	Х		х	
133	Send on release	Single F1: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
133	Send on long	Single F1: Send temperature	9.001	2 Bytes	Х	Х		х	
133	Send on long	Single F1: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
124	Dimming On/Off	Single F1: dimming On/Off	1.001	1 bit	Х	Х		Х	
124	Step/Stop	Single F1: shutters Step/Stop (short touch)	1.007	1 bit	X	Х		Х	
125 125	Dimming Up/Down	Single F1: dimming	3.007 1.008	4 bit 1 bit	X X	X X		X X	<u> </u>
125	Interlock	Single F1: shutters Up/Down Single F2: interlock	1.008	1 bit	X	X	х	^	х
123	LED On/Off	Single F2: LED On/Off	1.005	1 bit	X	~	X		X
135	Short switch	Single F2: short switch	1.001	1 bit	X	Х		х	
135	Switch on touch	Single F2: Touch	1.001	1 bit	Х	х		х	
135	Toggle on touch	Single F2: Touch	1.001	1 bit	Х	Х		Х	
136	Long switch	Single F2: long switch	1.001	1 bit	Х	Х		Х	
136	Switch on release	Single F2: Release	1.001	1 bit	Х	Х		Х	
137	Send scene	Single F2: Send scene	18.001	1 Byte	Х	Х		Х	
138	Scene LED	Single F2: Scene feedback LED	18.001	1 Byte	X	V	Х	V	Х
139 139	Send on touch	Single F2: Send percent	5.001	1 Byte	X	X		X	
139	Send on touch Send on touch	Single F2: Send degree Single F2: Send 8 bit value	5.003	1 Byte 1 Byte	X	X X		X X	
139	Send on short	Single F2: Send percent	5.001	1 Byte	x	X		x	
139	Send on short	Single F2: Send degree	5.003	1 Byte	X	X		X	
139	Send on short	Single F2: Send 8 bit value	5.010	1 Byte	х	Х		Х	
140	Send on touch	Single F2: Send temperature	9.001	2 Bytes	х	Х		Х	
140	Send on touch	Single F2: Send 16 bit value	7.001	2 Bytes	х	Х		Х	
140	Send on short	Single F2: Send temperature	9.001	2 Bytes	х	Х		Х	
140	Send on short	Single F2: Send 16 bit value	7.001	2 Bytes	X	X		X	<u> </u>
141 141	Send on release	Single F2: Send percent Single F2: Send degree	5.001 5.003	1 Byte	X X	X X		X X	
141	Send on release	Single F2: Send & bit value	5.003	1 Byte 1 Byte	X	X		X	
141	Send on long	Single F2: Send percent	5.001	1 Byte	X	X		X	
141	Send on long	Single F2: Send degree	5.001	1 Byte	X	X		X	
141	Send on long	Single F2: Send 8 bit value	5.010	1 Byte	х	Х		Х	
142	Send on release	Single F2: Send temperature	9.001	2 Bytes	Х	Х		Х	
142	Send on release	Single F2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
142	Send on long	Single F2: Send temperature	9.001	2 Bytes	х	Х		Х	
142	Send on long	Single F2: Send 16 bit value	7.001	2 Bytes	X	Х		X	
143	Dimming On/Off	Single F2: dimming On/Off	1.001	1 bit 1 bit	X	X		X	
143 144	Step/Stop Dimming	Single F2: shutters Step/Stop (short touch) Single F2: dimming	1.007 3.007	1 bit 4 bit	X X	X X		X X	
144	Up/Down	Single F2: dimming Single F2: shutters Up/Down	1.008	4 bit 1 bit	X	X		X	
144	Interlock	Single 1: interlock	1.008	1 bit	X	X	х	^	х
145	LED On/Off	Single 1: LED On/Off	1.003	1 bit	x	~	x		X
147	Short switch	Single 1: short switch	1.001	1 bit	X	Х		х	
147	Switch on touch	Single 1: Touch	1.001	1 bit	х	Х		Х	
147	Toggle on touch	Single 1: Touch	1.001	1 bit	Х	Х		Х	
148	Long switch	Single 1: long switch	1.001	1 bit	Х	Х		Х	
148	Switch on release	Single 1: Release	1.001	1 bit	х	Х		Х	
149	Send scene	Single 1: Send scene	18.001	1 Byte	X	Х		Х	
150	Scene LED	Single 1: Scene feedback LED	18.001	1 Byte	Х		Х		Х

No.	Function	Name	Data point type	Size			Flags		
140.	T unction	Name	(DPT)	5120	с	R	W	т	U
151	Send on touch	Single 1: Send percent	5.001	1 Byte	X	Х		X	-
151	Send on touch	Single 1: Send degree	5.003	1 Byte	х	х		Х	
151	Send on touch	Single 1: Send 8 bit value	5.010	1 Byte	х	х		Х	
151	Send on short	Single 1: Send percent	5.001	1 Byte	Х	Х		Х	
151	Send on short	Single 1: Send degree	5.003	1 Byte	Х	Х		Х	
151	Send on short	Single 1: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
152	Send on touch	Single 1: Send temperature	9.001	2 Bytes	Х	Х		Х	
152	Send on touch	Single 1: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
152	Send on short	Single 1: Send temperature	9.001	2 Bytes	Х	х		Х	
152	Send on short	Single 1: Send 16 bit value	7.001	2 Bytes	х	х		Х	
153	Send on release	Single 1: Send percent	5.001	1 Byte	Х	х		Х	
153	Send on release	Single 1: Send degree	5.003	1 Byte	X	X		X	
153	Send on release	Single 1: Send 8 bit value	5.010	1 Byte	X	X		X	
153	Send on long	Single 1: Send percent	5.001	1 Byte	X	X		X	
153	Send on long	Single 1: Send degree	5.003	1 Byte	Х	х		Х	
153	Send on long	Single 1: Send 8 bit value	5.010	1 Byte	Х	х		Х	
154	Send on release	Single 1: Send temperature	9.001	2 Bytes	Х	Х		Х	
154	Send on release	Single 1: Send 16 bit value	7.001	2 Bytes	х	х		Х	
154	Send on long	Single 1: Send temperature	9.001	2 Bytes	X	X		X	
154	Send on long	Single 1: Send 16 bit value	7.001	2 Bytes	X	X		X	
155	Dimming On/Off	Single 1: dimming On/Off	1.001	1 bit	X	X		X	
155	Step/Stop	Single 1: shutters Step/Stop (short touch)	1.007	1 bit	X	X		X	
155	Dimming	Single 1: dimming	3.007	4 bit	X	X		X	
156	Umming Up/Down	Single 1: dimming Single 1: shutters Up/Down	1.008	4 bit 1 bit	X	X		X	-
150	Interlock	Single 1: snutters Op/Down Single 2: interlock	1.008	1 bit	X	X	х	^	х
157	LED On/Off	Single 2: LED On/Off	1.003	1 bit 1 bit	X	^	X		X
158	LED On/Off Short switch	0	1.001	1 bit 1 bit	X	v	^	х	^
159	Short switch Switch on touch	Single 2: short switch	1.001	1 bit 1 bit	X	X X		X X	
159		Single 2: Touch	1.001	1 bit 1 bit	X	X		X X	
160	Toggle on touch	Single 2: Touch			X	X		X	
160	Long switch	Single 2: long switch	1.001	1 bit					
	Switch on release	Single 2: Release	1.001	1 bit	X	Х		Х	
161	Send scene	Single 2: Send scene	18.001	1 Byte	Х	Х		Х	
162	Scene LED	Single 2: Scene feedback LED	18.001	1 Byte	Х		Х		Х
163	Send on touch	Single 2: Send percent	5.001	1 Byte	Х	Х		Х	
163	Send on touch	Single 2: Send degree	5.003	1 Byte	Х	Х		Х	
163	Send on touch	Single 2: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
163	Send on short	Single 2: Send percent	5.001	1 Byte	Х	Х		Х	
163	Send on short	Single 2: Send degree	5.003	1 Byte	х	Х		Х	
163	Send on short	Single 2: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
164	Send on touch	Single 2: Send temperature	9.001	2 Bytes	Х	Х		Х	
164	Send on touch	Single 2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
164	Send on short	Single 2: Send temperature	9.001	2 Bytes	Х	Х		Х	
164	Send on short	Single 2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
165	Send on release	Single 2: Send percent	5.001	1 Byte	Х	Х		Х	
165	Send on release	Single 2: Send degree	5.003	1 Byte	Х	Х		Х	
165	Send on release	Single 2: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
165	Send on long	Single 2: Send percent	5.001	1 Byte	Х	Х		Х	
165	Send on long	Single 2: Send degree	5.003	1 Byte	Х	Х		Х	
165	Send on long	Single 2: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
166	Send on release	Single 2: Send temperature	9.001	2 Bytes	Х	Х		Х	
166	Send on release	Single 2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
166	Send on long	Single 2: Send temperature	9.001	2 Bytes	Х	Х		Х	
166	Send on long	Single 2: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
167	Dimming On/Off	Single 2: dimming On/Off	1.001	1 bit	Х	Х		Х	
167	Step/Stop	Single 2: shutters Step/Stop (short touch)	1.007	1 bit	Х	Х		Х	
168	Dimming	Single 2: dimming	3.007	4 bit	Х	Х		Х	
168	Up/Down	Single 2: shutters Up/Down	1.008	1 bit	Х	Х		Х	
169	Interlock	Single 3: interlock	1.003	1 bit	Х	Х	Х		Х
170	LED On/Off	Single 3: LED On/Off	1.001	1 bit	Х		Х		Х
171	Short switch	Single 3: short switch	1.001	1 bit	Х	Х		Х	
171	Switch on touch	Single 3: Touch	1.001	1 bit	Х	Х		Х	
171	Toggle on touch	Single 3: Touch	1.001	1 bit	Х	Х		Х	
172	Long switch	Single 3: long switch	1.001	1 bit	Х	Х		Х	
172	Switch on release	Single 3: Release	1.001	1 bit	Х	Х		Х	
173	Send scene	Single 3: Send scene	18.001	1 Byte	Х	Х		Х	
174	Scene LED	Single 3: Scene feedback LED	18.001	1 Byte	Х		Х		Х
		Single 3: Send percent	5.001	1 Byte	Х	Х		Х	
175	Send on touch		5.003	1 Byte	Х	Х		Х	
175 175	Send on touch Send on touch	Single 3: Send degree	5.005			_	_	~	_
		Single 3: Send degree Single 3: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
175	Send on touch			1 Byte 1 Byte	X X	X X		X	
175 175	Send on touch Send on touch	Single 3: Send 8 bit value	5.010	· · ·					
175 175 175	Send on touch Send on touch Send on short	Single 3: Send 8 bit value Single 3: Send percent	5.010 5.001	1 Byte	Х	Х		Х	
175 175 175 175	Send on touch Send on touch Send on short Send on short	Single 3: Send 8 bit value Single 3: Send percent Single 3: Send degree	5.010 5.001 5.003	1 Byte 1 Byte	X X	X X		X X	
175 175 175 175 175	Send on touch Send on touch Send on short Send on short Send on short Send on touch	Single 3: Send 8 bit value Single 3: Send percent Single 3: Send degree Single 3: Send 8 bit value Single 3: Send temperature	5.010 5.001 5.003 5.010 9.001	1 Byte 1 Byte 1 Byte 2 Bytes	X X X X	X X X X		X X X X	
175 175 175 175 175 176	Send on touch Send on touch Send on short Send on short Send on short	Single 3: Send 8 bit value Single 3: Send percent Single 3: Send degree Single 3: Send 8 bit value	5.010 5.001 5.003 5.010	1 Byte 1 Byte 1 Byte	X X X	X X X		X X X	
175 175 175 175 175 176 176	Send on touch Send on touch Send on short Send on short Send on short Send on touch Send on touch	Single 3: Send 8 bit value Single 3: Send percent Single 3: Send degree Single 3: Send 8 bit value Single 3: Send temperature Single 3: Send 16 bit value	5.010 5.001 5.003 5.010 9.001 7.001	1 Byte 1 Byte 1 Byte 2 Bytes 2 Bytes	X X X X X	X X X X X		X X X X X	
175 175 175 175 175 176 176 176	Send on touch Send on touch Send on short Send on short Send on touch Send on touch Send on short	Single 3: Send 8 bit value Single 3: Send percent Single 3: Send degree Single 3: Send 8 bit value Single 3: Send temperature Single 3: Send 16 bit value Single 3: Send temperature	5.010 5.001 5.003 5.010 9.001 7.001 9.001	1 Byte 1 Byte 1 Byte 2 Bytes 2 Bytes 2 Bytes	X X X X X X X	X X X X X X		X X X X X X X	

No.	Function	Name	Data point type	Size			Flags		
			(DPT)		С	R	w	Т	U
177	Send on release	Single 3: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
177	Send on long	Single 3: Send percent	5.001	1 Byte	Х	Х		Х	
177	Send on long	Single 3: Send degree	5.003	1 Byte	Х	Х		Х	
177	Send on long	Single 3: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
178	Send on release	Single 3: Send temperature	9.001	2 Bytes	Х	Х		Х	
178	Send on release	Single 3: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
178	Send on long	Single 3: Send temperature	9.001	2 Bytes	X	Х		Х	
178	Send on long	Single 3: Send 16 bit value	7.001	2 Bytes	X	X		X	
179 179	Dimming On/Off	Single 3: dimming On/Off	1.001	1 bit	X	X		X	
179	Step/Stop Dimming	Single 3: shutters Step/Stop (short touch) Single 3: dimming	1.007 3.007	1 bit 4 bit	X X	X X		X X	
180	Up/Down	Single 3: shutters Up/Down	1.008	4 bit 1 bit	X	X		X	
181	Interlock	Single 4: interlock	1.008	1 bit	X	X	х	^	х
182	LED On/Off	Single 4: LED On/Off	1.003	1 bit	X	^	X		X
183	Short switch	Single 4: short switch	1.001	1 bit	X	х	~	х	~
183	Switch on touch	Single 4: Touch	1.001	1 bit	X	X		X	
183	Toggle on touch	Single 4: Touch	1.001	1 bit	X	X		X	
184	Long switch	Single 4: long switch	1.001	1 bit	X	X		X	
184	Switch on release	Single 4: Release	1.001	1 bit	X	X		X	
185	Send scene	Single 4: Send scene	18.001	1 Byte	Х	Х		Х	
186	Scene LED	Single 4: Scene feedback LED	18.001	1 Byte	Х		Х		х
187	Send on touch	Single 4: Send percent	5.001	1 Byte	X	Х		Х	1
187	Send on touch	Single 4: Send degree	5.003	1 Byte	х	Х		Х	
187	Send on touch	Single 4: Send 8 bit value	5.010	1 Byte	х	Х	Ĺ	Х	
187	Send on short	Single 4: Send percent	5.001	1 Byte	Х	Х	L	Х	
187	Send on short	Single 4: Send degree	5.003	1 Byte	Х	Х		Х	
187	Send on short	Single 4: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
188	Send on touch	Single 4: Send temperature	9.001	2 Bytes	Х	Х		Х	
188	Send on touch	Single 4: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
188	Send on short	Single 4: Send temperature	9.001	2 Bytes	Х	Х		Х	
188	Send on short	Single 4: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
189	Send on release	Single 4: Send percent	5.001	1 Byte	Х	Х		Х	
189	Send on release	Single 4: Send degree	5.003	1 Byte	Х	Х		Х	
189	Send on release	Single 4: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
189	Send on long	Single 4: Send percent	5.001	1 Byte	Х	Х		Х	
189	Send on long	Single 4: Send degree	5.003	1 Byte	Х	Х		Х	
189	Send on long	Single 4: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
190	Send on release	Single 4: Send temperature	9.001	2 Bytes	Х	Х		Х	
190	Send on release	Single 4: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
190	Send on long	Single 4: Send temperature	9.001	2 Bytes	Х	Х		Х	
190	Send on long	Single 4: Send 16 bit value	7.001	2 Bytes	X	Х		X	
191	Dimming On/Off	Single 4: dimming On/Off	1.001	1 bit	Х	Х		Х	
191 192	Step/Stop	Single 4: shutters Step/Stop (short touch)	1.007	1 bit	X	Х		Х	
192	Dimming	Single 4: dimming	3.007	4 bit	Х	Х		Х	
192	Up/Down	Single 4: shutters Up/Down	1.008 1.003	1 bit 1 bit	X X	X X	х	Х	v
195	Interlock LED On/Off	Single 5: interlock Single 5: LED On/Off				X			X
194			1.001	1 bit	X	х	Х	х	^
195	Short switch Switch on touch	Single 5: short switch Single 5: Touch	1.001	1 bit					
195		Single 5: Touch	1.001	1 bit 1 bit	X X	X		X X	
195	Toggle on touch Long switch	Single 5: Touch Single 5: long switch	1.001 1.001	1 bit 1 bit	X	X X		X	
190	Switch on release	Single 5: Release	1.001	1 bit	X	X		X	
197	Send scene	Single 5: Send scene	18.001	1 Byte	X	X		X	
198	Scene LED	Single 5: Scene feedback LED	18.001	1 Byte	X		х	-	х
199	Send on touch	Single 5: Send percent	5.001	1 Byte	X	х	···	х	
199	Send on touch	Single 5: Send degree	5.003	1 Byte	X	X	1	X	
199	Send on touch	Single 5: Send 8 bit value	5.010	1 Byte	X	X	1	X	
199	Send on short	Single 5: Send percent	5.001	1 Byte	X	X	1	X	
199	Send on short	Single 5: Send degree	5.003	1 Byte	X	X		X	
199	Send on short	Single 5: Send 8 bit value	5.010	1 Byte	X	X		X	
200	Send on touch	Single 5: Send temperature	9.001	2 Bytes	X	X		X	
200	Send on touch	Single 5: Send 16 bit value	7.001	2 Bytes	х	х		х	1
200	Send on short	Single 5: Send temperature	9.001	2 Bytes	х	Х		Х	
200	Send on short	Single 5: Send 16 bit value	7.001	2 Bytes	х	Х		Х	
201	Send on release	Single 5: Send percent	5.001	1 Byte	х	Х		Х	
201	Send on release	Single 5: Send degree	5.003	1 Byte	х	Х		Х	
201	Send on release	Single 5: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
201	Send on long	Single 5: Send percent	5.001	1 Byte	Х	Х	L	Х	
201	Send on long	Single 5: Send degree	5.003	1 Byte	Х	Х		Х	
201	Send on long	Single 5: Send 8 bit value	5.010	1 Byte	х	Х		Х	
	Send on release	Single 5: Send temperature	9.001	2 Bytes	х	Х		Х	
202	Sena on release		7.001	2 Bytes	х	Х		Х	
202 202	Send on release	Single 5: Send 16 bit value							1
		Single 5: Send 16 bit Value Single 5: Send temperature	9.001	2 Bytes	Х	Х		Х	
202	Send on release			2 Bytes 2 Bytes	X X	X X		X X	
202 202	Send on release Send on long	Single 5: Send temperature	9.001	,	-				
202 202 202	Send on release Send on long Send on long	Single 5: Send temperature Single 5: Send 16 bit value Single 5: dimming On/Off	9.001 7.001	2 Bytes	Х	Х		Х	
202 202 202 203	Send on release Send on long Send on long Dimming On/Off	Single 5: Send temperature Single 5: Send 16 bit value	9.001 7.001 1.001	2 Bytes 1 bit	X X	X X		X X	

#### BC.090001-001

## e-Bus coupling KNX

No.	Function	Name	Data point type	Size	Flags				
			(DPT)		С	R	W	Т	U
205	Interlock	Single 6: interlock	1.003	1 bit	Х	Х	Х		Х
206	LED On/Off	Single 6: LED On/Off	1.001	1 bit	Х		Х		Х
207	Short switch	Single 6: short switch	1.001	1 bit	Х	Х		Х	
207	Switch on touch	Single 6: Touch	1.001	1 bit	Х	Х		Х	
207	Toggle on touch	Single 6: Touch	1.001	1 bit	Х	Х		Х	
208	Long switch	Single 6: long switch	1.001	1 bit	Х	Х		Х	
208	Switch on release	Single 6: Release	1.001	1 bit	Х	Х		Х	
209	Send scene	Single 6: Send scene	18.001	1 Byte	Х	Х		Х	
210	Scene LED	Single 6: Scene feedback LED	18.001	1 Byte	Х		Х		Х
211	Send on touch	Single 6: Send percent	5.001	1 Byte	Х	Х		Х	
211	Send on touch	Single 6: Send degree	5.003	1 Byte	Х	Х		Х	
211	Send on touch	Single 6: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
211	Send on short	Single 6: Send percent	5.001	1 Byte	Х	Х		Х	
211	Send on short	Single 6: Send degree	5.003	1 Byte	Х	Х		Х	
211	Send on short	Single 6: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
212	Send on touch	Single 6: Send temperature	9.001	2 Bytes	Х	Х		Х	
212	Send on touch	Single 6: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
212	Send on short	Single 6: Send temperature	9.001	2 Bytes	Х	Х		Х	
212	Send on short	Single 6: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
213	Send on release	Single 6: Send percent	5.001	1 Byte	Х	Х		Х	
213	Send on release	Single 6: Send degree	5.003	1 Byte	Х	Х		Х	
213	Send on release	Single 6: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
213	Send on long	Single 6: Send percent	5.001	1 Byte	Х	Х		Х	
213	Send on long	Single 6: Send degree	5.003	1 Byte	Х	Х		Х	
213	Send on long	Single 6: Send 8 bit value	5.010	1 Byte	Х	Х		Х	
214	Send on release	Single 6: Send temperature	9.001	2 Bytes	Х	Х		Х	
214	Send on release	Single 6: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
214	Send on long	Single 6: Send temperature	9.001	2 Bytes	Х	Х		Х	
214	Send on long	Single 6: Send 16 bit value	7.001	2 Bytes	Х	Х		Х	
215	Dimming On/Off	Single 6: dimming On/Off	1.001	1 bit	Х	Х		Х	
215	Step/Stop	Single 6: shutters Step/Stop (short touch)	1.007	1 bit	Х	Х		Х	
216	Dimming	Single 6: dimming	3.007	4 bit	Х	Х		Х	
216	Up/Down	Single 6: shutters Up/Down	1.008	1 bit	Х	Х		Х	
217	Humidity	Sensor: Humidity	5.001	1 Byte	Х	Х		Х	
218	Temperature	Sensor: Temperature	9.001	2 Bytes	Х	Х		Х	

# 7.2. Group objects description

## 7.2.1. Button pair A objects

No.	Function	Name of the object group	Data type	Flags		
1	Interlock	Pair A: interlock	1 bit DPT 1.003	C, R, W, U		
Telegr	am value:	•				
	0 = Deactivate locking					
1 = Act	tivate locking					
If locki	ng is activated, buttons A1 and A2 ar	e disabled.	r	r		
1	Interlock	Single A1: interlock	1 bit DPT 1.003	C, R, W, U		
-	am value:					
	activate locking					
1 = Act	tivate locking					
lf locki	ng is activated, button A1 is disabled					
2	LED On/Off	Pair A: LED A1 On/Off	1 bit	C, W, U		
			DPT 1.001			
-	am value:					
0 = Off						
1 = On						
It allow	ws control of the switching on and off	of the LED associated with button A1.				
2	LED On/Off	Pair A: LED On/Off	1 bit	C, W, U		
-			DPT 1.001	0, 11, 0		
Telegr	am value:	•		•		
0 = Off	-					
1 = On						
		f of the LED associated with button pair A				
	me group. This object enables their s	LED for each button, which means the L witching on and off to be controlled	ED is shared by the t	wo buttons of		
2	LED On/Off	Single A1: LED On/Off	1 bit	C, W, U		
			DPT 1.001	-, , -		
Telegr	am value:	•				
0 = Off						
1 = On						
It allow	us control of the switching on and off	f of the LED associated with button A1.				
3	LED On/Off	Pair A: LED A2 On/Off	1 bit	C, W, U		
•			DPT 1.001	0, 11, 0		
Telegr	am value:					
0 = Off	-					
1 = On						
It allow	LED On/Off	f of the LED associated with button A2. Single A2: LED On/Off	1 bit	C, W, U		
5		Single AZ. LED ON/ON	DPT 1.001	C, W, U		
Telegr	am value:		0111.001			
0 = Off						
1 = On						
		of the LED associated with button A2.				
4	Dimming On/Off	Pair A: dimming On/Off	1 bit DPT 1.001	C, R, T		
_	am value:					
0 = Off						
1 = On						
It allow	It allows control of the switching on and off of a dimming control device.					

BC.090001-001

## e-Bus coupling KNX

No.	Function	Name of the object group	Data type	Flags	
4	Step/Stop	Pair A: shutters Step/Stop (short touch)	1 bit DPT 1.007	C, R, T	
-	am value:				
	pp/step up pp/step down				
		and a second of a sheattan an atual day inc			
1t cont	Dimming On/Off	epping down of a shutter control device. Single A1: dimming On/Off	1 bit	C, R, T	
-		Single A1. dimining Ony On	DPT 1.001	С, К, Т	
	am value:				
0 = Off					
1 = On					
It allov	vs control of the switching on and off	of a dimming control device.			
4	Step/Stop	Single A1: shutters Step/Stop (short	1 bit	C, R, T	
		touch)	DPT 1.007		
	<b>am value:</b> pp/step up				
	p/step down				
	F) F				
		epping down of a shutter control device.			
5	Dimming	Pair A: dimming	4 bit	C, R, T	
Telegr	am value:		DPT 3.007		
	tion status.				
Ū					
	vs control of the regulation of a dimn				
	rameter type 3.007 Dimming control		1 h:+	СРТ	
5	Up/Down	Pair A: shutters Up/Down	1 bit DPT 1.008	C, R, T	
Telegr	am value:		22.000		
0 = Up					
1 = Do	wn				
It allov	vs the raising/lowering control of a sł	nutter control device			
5	Dimming	Single A1: dimming	4 bit	C, R, T	
			DPT 3.007		
•	am value:				
Regula	tion status.				
It allov	vs control of the regulation of a dimn	ning control device.			
	rameter type 3.007 Dimming control	-			
5	Up/Down	Single A1: shutters Up/Down	1 bit	C, R, T	
Talaar			DPT 1.008		
0 = Up	am value:				
1 = Do					
It allov	vs the raising/lowering control of a sl Short switch		1 6:4	CDT	
0	Short switch	Single A1: short switch	1 bit DPT 1.001	C, R, T	
Telegr	am value:		DI I 1.001		
0 = Off					
1 = On					
It allows control of the switching on and off of a compatible device upon detecting a short touch.					
6	Switch on touch	Single A1: Touch	1 bit	C, R, T	
			DPT 1.001	0, ., , ,	
Telegr	am value:				
0 = Off					
1 = On					
It allows control of the switching on and off of a compatible device upon detecting that the button is touched.					

No.	Function	Name of the object group	Data type	Flags	
6	Toggle on touch	Single A1: Touch	1 bit DPT 1.001	C, R, T	
Telegram value:					
0 = Off 1 = On					
It allow	ws control of the switching on and	off of a compatible device upon detec	ting that the button	is touched. It	
change	es the status every time the button is	touched.	-		
7	Long switch	Single A1: long switch	1 bit DPT 1.001	C, R, T	
Telegr 0 = Off	am value:				
1 = On					
It allov	vs control of the switching on and off Switch on release	f of a compatible device upon detecting a Single A1: Release	a long touch.	C, R, T	
,	Switch on release	Single A1. Nelease	DPT 1.001	C, N, 1	
-	am value:				
0 = Off 1 = On					
1 - 011					
		f of a compatible device upon detecting t			
8	Send scene	Single A1: Send scene	1 Byte DPT 18.001	C, R, T	
Telegr	am value:		DF1 10.001		
0-63	-> Execute scene				
128-19	91 -> Save scene				
It allow	vs scenes to be controlled.				
9	Scene LED	Single A1: Scene feedback LED	1 Byte	C, W, U	
Talaan			DPT 18.001		
Active	am value: scene.				
	ead that the active scene is the same ue other than the configured scene is	e as the scene configured for this button,	the LED is activated.		
10	Send on touch	Single A1: Send percent	1 Byte	C, R, T	
			DPT 5.001	-/ /	
_	am value:				
Percer	itage.				
The in	dicated value is sent when the buttor				
10	Send on touch	Single A1: Send degree	1 Byte	C, R, T	
Telegr	am value:		DPT 5.003		
-	on degrees.				
<b>The 1</b>					
10	dicated value is sent when the buttor Send on touch	Single A1: Send 8 bit value	1 Byte	C, R, T	
			DPT 5.010	-,,.	
-	am value:				
8 bit va	aiue.				
The in	dicated value is sent when the buttor	n is touched.			
10	Send on short	Single A1: Send percent	1 Byte	C, R, T	
Telegr	am value:		DPT 5.001		
Percentage.					
A -1					
A shor	t touch sends the indicated value.				

No.	Function	Name of the object group	Data type	Flags	
10	Send on short	Single A1: Send degree	1 Byte DPT 5.003	C, R, T	
	am value:				
	on degrees. t touch sends the indicated value.				
10	Send on short	Single A1: Send 8 bit value	1 Byte DPT 5.010	C, R, T	
	am value:	1			
8 bit v					
11	t touch sends the indicated value. Send on touch	Single A1: Send temperature	2 Bytes DPT 9.001	C, R, T	
	am value:				
	erature in DPT 9.001 format.				
1 ne in 11	dicated value is sent when the buttor Send on touch	Single A1: Send 16 bit value	2 Bytes	C, R, T	
		Single AL Sena 10 Sit value	DPT 7.001	C, N, 1	
<b>Telegr</b> 16 bit	<b>am value:</b> value.				
The in	dicated value is sent when the buttor	n is touched.			
11	Send on short	Single A1: Send temperature	2 Bytes DPT 9.001	C, R, T	
	am value:				
	erature in DPT 9.001 format. t touch sends the indicated value.				
11	Send on short	Single A1: Send 16 bit value	2 Bytes	C, R, T	
			DPT 7.001		
<b>Telegr</b> 16 bit	<b>am value:</b> value.				
A shor	t touch sends the indicated value.				
12	Send on release	Single A1: Send percent	1 Byte DPT 5.001	C, R, T	
Telegr Percer	am value:				
	dicated value is sent when the buttor	n is released.			
12	Send on release	Single A1: Send degree	1 Byte DPT 5.003	C, R, T	
-	am value:				
	on degrees.				
1 ne in 12	dicated value is sent when the buttor Send on release	Single A1: Send 8 bit value	1 Byte	C, R, T	
			DPT 5.010	0, 10, 1	
<b>Telegr</b> 8 bit v	<b>am value:</b> alue.				
The in	dicated value is sent when the buttor	h is released			
12	Send on long	Single A1: Send percent	1 Byte DPT 5.001	C, R, T	
Telegram value:					
Percer	itage.				
A long	touch sends the indicated value.				

No.	Function	Name of the object group	Data type	Flags	
12	Send on long	Single A1: Send degree	1 Byte DPT 5.003	C, R, T	
Telegr	am value:			·	
	on degrees.				
	touch sends the indicated value.			-	
12	Send on long	Single A1: Send 8 bit value	1 Byte DPT 5.010	C, R, T	
	am value:				
8 bit va	alue. touch sends the indicated value.				
13	Send on release	Single A1: Send temperature	2 Bytes	C, R, T	
		Single AL. Send temperature	DPT 9.001	С, К, Т	
-	am value:				
	erature in DPT 9.001 format.				
	dicated value is sent when the butto				
13	Send on release	Single A1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T	
-	am value:				
16 bit v	value.				
The inc	dicated value is sent when the butto	n is released.			
13	Send on long	Single A1: Send temperature	2 Bytes DPT 9.001	C, R, T	
Telegr	am value:				
Tempe	erature in DPT 9.001 format.				
A long	touch sends the indicated value.				
13	Send on long	Single A1: Send 16 bit value	2 Bytes	C, R, T	
			DPT 7.001		
-	am value:				
16 bit	value.				
A long	touch sends the indicated value.				
14	Interlock	Single A2: interlock	1 bit DPT 1.003	C, R, W, U	
	am value:				
	activate locking				
1 = Act	tivate locking				
lf locki	ng is activated, button A2 is disabled				
15	Short switch	Single A2: short switch	1 bit	C, R, T	
			DPT 1.001	-,,.	
Telegr	am value:	•			
0 = Off					
1 = On					
It allow	us control of the switching on and of	f of a compatible davies upon datacting	a chart tauch		
15	Switch on touch	f of a compatible device upon detecting Single A2: Touch	1 bit	C, R, T	
15	Switch on touch	Single A2. Touch	DPT 1.001	C, N, 1	
Telegr	am value:				
0 = Off					
1 = On					
It allov	vs control of the switching on and of	f of a compatible device upon detecting	that the button is b	eing touched.	

No.	Function	Name of the object group	Data type	Flags		
15	Toggle on touch	Single A2: Touch	1 bit DPT 1.001	C, R, T		
	Telegram value:					
0 = Off 1 = On						
1 - 01						
	ws control of the switching on and es the status every time the button is	off of a compatible device upon detect touched.	ting that the button	is touched. It		
16	Long switch	Single A2: long switch	1 bit	C, R, T		
			DPT 1.001			
Telegr 0 = Off	am value:					
1 = On						
It allow		of a compatible device upon detecting a		•		
16	Switch on release	Single A2: Release	1 bit	C, R, T		
Telegr	am value:		DPT 1.001			
0 = Off						
1 = On						
		of a compatible device upon detecting t				
17	Send scene	Single A2: Send scene	1 Byte DPT 18.001	C, R, T		
Telegr	am value:		DPT 18.001			
0-63	-> Execute scene					
128-19	91 -> Save scene					
	vs scenes to be controlled.					
18	Scene LED	Single A2: Scene feedback LED	1 Byte DPT 18.001	C, W, U		
Telegr	am value:		D1110.001			
Active						
		e as the scene configured for this button,	the LED is activated.			
19 19	ue other than the configured scene is Send on touch	Single A2: Send percent	1 Byte	C, R, T		
		Single / 2: Send percent	DPT 5.001	0,11,1		
Telegr	am value:	•	•			
Percer	ntage.					
Their		- is to us had				
19	dicated value is sent when the buttor Send on touch	Single A2: Send degree	1 Byte	C, R, T		
13			DPT 5.003	C, II, I		
Telegr	am value:					
Rotatio	on degrees.					
The in	diastad value is contructed the button	is touched				
19	dicated value is sent when the buttor Send on touch	Single A2: Send 8 bit value	1 Byte	C, R, T		
15		Single A2. Send o bit value	DPT 5.010	C, N, T		
Telegr	am value:					
8 bit va	alue.					
The in						
1 he inc 19	dicated value is sent when the buttor Send on short	Single A2: Send percent	1 Byte	C, R, T		
13		Single A2. Send percent	DPT 5.001	C, II, I		
Telegram value:						
Percer	ntage.					
Δ-1						
A shor	t touch sends the indicated value.					

No.	Function	Name of the object group	Data type	Flags		
19	Send on short	Single A2: Send degree	1 Byte DPT 5.003	C, R, T		
	am value:					
	on degrees. t touch sends the indicated value.					
19	Send on short	Single A2: Send 8 bit value	1 Byte DPT 5.010	C, R, T		
	am value:					
8 bit v	alue. t touch sends the indicated value.					
20	Send on touch	Single A2: Send temperature	2 Bytes DPT 9.001	C, R, T		
	am value:		·			
Tempe	erature in DPT 9.001 format.					
The in	dicated value is sent when the buttor					
20	Send on touch	Single A2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T		
	am value:		·			
16 bit	value.					
	dicated value is sent when the buttor					
20	Send on short	Single A2: Send temperature	2 Bytes DPT 9.001	C, R, T		
-	am value:	I	5115.001			
Tempe	erature in DPT 9.001 format.					
A shor	t touch sends the indicated value.					
20	Send on short	Single A2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T		
-	am value:		·			
16 bit						
A shor <b>21</b>	t touch sends the indicated value. Send on release	Single A2: Send percent	1 Byte	C, R, T		
21			DPT 5.001	C, N, T		
_	am value:					
Percer	itage.					
	dicated value is sent when the buttor			1		
21	Send on release	Single A2: Send degree	1 Byte DPT 5.003	C, R, T		
	am value:					
Rotatio	on degrees.					
	dicated value is sent when the buttor					
21	Send on release	Single A2: Send 8 bit value	1 Byte DPT 5.010	C, R, T		
-	am value:					
8 bit v	alue.					
	dicated value is sent when the buttor					
21	Send on long	Single A2: Send percent	1 Byte DPT 5.001	C, R, T		
	Telegram value:					
Percer	ntage.					
A long	touch sends the indicated value.					

No.	Function	Name of the object group	Data type	Flags	
21	Send on long	Single A2: Send degree	1 Byte DPT 5.003	C, R, T	
	am value:				
	on degrees.				
21	touch sends the indicated value. Send on long	Single A2: Send 8 bit value	1 Byte	C, R, T	
			DPT 5.010		
Telegr 8 bit v	am value:				
	touch sends the indicated value.				
22	Send on release	Single A2: Send temperature	2 Bytes DPT 9.001	C, R, T	
	am value:			•	
Tempe	erature in DPT 9.001 format.				
	dicated value is sent when the buttor				
22	Send on release	Single A2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T	
Telegr	am value:				
16 bit	value.				
The in	dicated value is sent when the buttor	n is released.			
22	Send on long	Single A2: Send temperature	2 Bytes	C, R, T	
Talagr			DPT 9.001		
-	<b>am value:</b> erature in DPT 9.001 format.				
A long 22	touch sends the indicated value. Send on long	Single A2. Sand 16 hit value	2 Dutos	СРТ	
22	Send on long	Single A2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T	
-	am value:				
16 bit	value.				
A long	touch sends the indicated value.				
23	Dimming On/Off	Single A2: dimming On/Off	1 bit	C, R, T	
Telegr	am value:		DPT 1.001		
0 = Of					
1 = On					
It allow	vs control of the switching on and off	of a dimming control device.			
23	Step/Stop	Single A2: shutters Step/Stop (short	1 bit	C, R, T	
Tologr	am value:	touch)	DPT 1.007		
	pp/step up				
1 = Sto	pp/step down				
It cont	rols the stonning stenning up and st	epping down of a shutter control device.			
24	Dimming	Single A2: dimming	4 bit	C, R, T	
			DPT 3.007		
-	<b>am value:</b> Ition status.				
It allows control of the regulation of a dimming control device.					
See pa	rameter type 3.007 Dimming control				

Manual e-Bus coupling KNX

No.	Function	Name of the object group	Data type	Flags		
24	Up/Down	Single A2: shutters Up/Down	1 bit DPT 1.008	C, R, T		
Telegram value: 0 = Up						
1 = Down						
It allows the raising/lowering control of a shutter control device.						

## 7.2.2. Button pair B objects

No.	Function	Name of the object group	Data type	Flags			
25	Interlock	Pair B: interlock	1 bit DPT 1.003	C, R, W, U			
	am value:						
	0 = Deactivate locking						
1 = Act	ivate locking						
If locki	ng is activated, buttons B1 and B2 ar	e disabled.					
25	Interlock	Single B1: interlock	1 bit	C, R, W, U			
			DPT 1.003				
-	am value:						
	activate locking ivate locking						
1 - Act	ivate locking						
If locki	ng is activated, button B1 is disabled						
26	LED On/Off	Pair B: LED B1 On/Off	1 bit	C, W, U			
			DPT 1.001				
-	am value:						
0 = Off							
1 = On							
It allov	vs control of the switching on and off	of the LED associated with button B1.					
26	LED On/Off	Pair B: LED On/Off	1 bit	C, W, U			
			DPT 1.001				
	am value:						
0 = Off							
1 = On							
It allow	us control of the switching on and off	f of the LED associated with button pair B					
		LED for each button, which means the L		wo buttons of			
	ne group. This object enables their s		· · · · · <b>,</b> · · ·				
26	LED On/Off	Single B1: LED On/Off	1 bit	C, W, U			
			DPT 1.001				
	am value:						
0 = Off							
1 = On							
It allov	vs control of the switching on and off	of the LED associated with button B1.					
27	LED On/Off	Pair B: LED B2 On/Off	1 bit	C, W, U			
			DPT 1.001				
	am value:						
0 = Off							
1 = On							
It allow	us control of the switching on and off	of the LED associated with button B2.					
it anov	vs control of the switching of allu off						

No.	Function	Name of the object group	Data type	Flags	
27	LED On/Off	Single B2: LED On/Off	1 bit DPT 1.001	C, W, U	
-	am value:				
0 = Off					
1 = On					
It allow	vs control of the switching on and off	of the LED associated with button B2.			
28	Dimming On/Off	Pair B: dimming On/Off	1 bit DPT 1.001	C, R, T	
	am value:			•	
0 = Off					
1 = On					
It allow	vs control of the switching on and off	of a dimming control device.			
28	Step/Stop	Pair B: shutters Step/Stop (short	1 bit	C, R, T	
		touch)	DPT 1.007		
	am value:				
	p/step up				
1 = Sto	p/step down				
lt cont	rols the stopping, stepping up and ste	epping down of a shutter control device.			
28	Dimming On/Off	Single B1: dimming On/Off	1 bit	C, R, T	
	<b>G</b> .		DPT 1.001		
	am value:				
0 = Off					
1 = On					
It allow	vs control of the switching on and off	of a dimming control device.			
28	Step/Stop	Single B1: shutters Step/Stop (short	1 bit	C, R, T	
		touch)	DPT 1.007		
	am value:				
	p/step up				
I = Sto	p/step down				
It cont	rols the stopping, stepping up and ste	epping down of a shutter control device.			
29	Dimming	Pair B: dimming	4 bit	C, R, T	
			DPT 3.007		
0	am value:				
Regula	tion status.				
It allow	vs control of the regulation of a dimm	ning control device.			
	rameter type 3.007 Dimming control	-			
29	Up/Down	Pair B: shutters Up/Down	1 bit	C, R, T	
			DPT 1.008		
-	am value:				
0 = Up 1 = Do					
It allow	vs the raising/lowering control of a sh	utter control device.			
29	Dimming	Single B1: dimming	4 bit	C, R, T	
			DPT 3.007		
-	am value:				
Regulation status.					
It allows control of the regulation of a dimming control device.					
See pa	rameter type 3.007 Dimming control				
29	Up/Down	Single B1: shutters Up/Down	1 bit	C, R, T	
Talan			DPT 1.008		
0 = Up	am value:				
1 = Do					
It allows the raising/lowering control of a shutter control device.					

No.	Function	Name of the object group	Data type	Flags	
30	Short switch	Single B1: short switch	1 bit DPT 1.001	C, R, T	
Telegr 0 = Off	am value:				
1 = On					
It allow	vs control of the switching on and of	of a compatible device upon detecting a	short touch.		
30	Switch on touch	Single B1: Touch	1 bit DPT 1.001	C, R, T	
Telegr 0 = Off	am value:				
	1 = On				
It allow	vs control of the switching on and of	of a compatible device upon detecting t	hat the button is touc	hed.	
30	Toggle on touch	Single B1: Touch	1 bit DPT 1.001	C, R, T	
Telegr	am value:		DPT 1.001		
0 = Of	F				
1 = On					
		off of a compatible device upon detect	ting that the button	is touched. It	
change <b>31</b>	es the status every time the button is Long switch	Single B1: long switch	1 bit	C, R, T	
			DPT 1.001	-, ,	
Telegr 0 = Off	am value:				
1 = On					
It allow	us control of the switching on and off	of a compatible device upon detecting a	long touch		
31	Switch on release	Single B1: Release	1 bit	C, R, T	
			DPT 1.001		
Telegr 0 = Of	am value:				
1 = On					
It allow	vs control of the switching on and of	of a compatible device upon detecting t	hat the button has be	en released	
32	Send scene	Single B1: Send scene	1 Byte	C, R, T	
Talagr			DPT 18.001		
0-63	am value: -> Execute scene				
128-19	91 -> Save scene				
It allow	vs scenes to be controlled.				
33	Scene LED	Single B1: Scene feedback LED	1 Byte	C, W, U	
Telegr	am value:		DPT 18.001		
Active	scene.				
If it is i	read that the active scene is the same	e as the scene configured for this button,	the LED is activated.		
	ue other than the configured scene is			1	
34	Send on touch	Single B1: Send percent	1 Byte DPT 5.001	C, R, T	
-	am value:				
Percer	itage.				
	dicated value is sent when the buttor				
34	Send on touch	Single B1: Send degree	1 Byte DPT 5.003	C, R, T	
	am value:				
Rotati	on degrees.				
The in	The indicated value is sent when the button is touched.				

No.	Function	Name of the object group	Data type	Flags		
34	Send on touch	Single B1: Send 8 bit value	1 Byte DPT 5.010	C, R, T		
-	am value:					
8 bit va						
1 he ind 34	dicated value is sent when the buttor Send on short	Single B1: Send percent	1 Byte	C, R, T		
34		Single B1. Sena percent	DPT 5.001	0, 11, 1		
-	Telegram value:					
Percen	-					
A shor	t touch sends the indicated value. Send on short	Single B1: Send degree	1 Byte	C, R, T		
			DPT 5.003	0, 11, 1		
-	am value:					
Rotatio	on degrees.					
A shor	t touch sends the indicated value.					
34	Send on short	Single B1: Send 8 bit value	1 Byte	C, R, T		
Telegr	am value:		DPT 5.010			
8 bit va						
A shor 35	t touch sends the indicated value. Send on touch	Single B1: Send temperature	2 Bytes	C, R, T		
35		Single B1. Send temperature	DPT 9.001	C, N, T		
-	am value:					
Tempe	erature in DPT 9.001 format.					
The inc	dicated value is sent when the buttor	n is touched.				
35	Send on touch	Single B1: Send 16 bit value	2 Bytes	C, R, T		
Talagr	am value:		DPT 7.001			
16 bit						
The ind 35	dicated value is sent when the buttor Send on short	is touched. Single B1: Send temperature	2 Putos	C, R, T		
35		Single B1. Send temperature	2 Bytes DPT 9.001	С, ћ, Т		
	am value:					
Tempe	erature in DPT 9.001 format.					
A shor	t touch sends the indicated value.					
35	Send on short	Single B1: Send 16 bit value	2 Bytes	C, R, T		
<b>T</b> .1			DPT 7.001			
16 bit	<b>am value:</b> value.					
	t touch sends the indicated value.	Circle D4, Court associat	4.0.4.	C D T		
36	Send on release	Single B1: Send percent	1 Byte DPT 5.001	C, R, T		
Telegr	am value:					
Percen	tage.					
The inc	dicated value is sent when the buttor	is released.				
36	Send on release	Single B1: Send degree	1 Byte	C, R, T		
			DPT 5.003			
_	am value: on degrees.					
notati						
The inc	dicated value is sent when the buttor	n is released.				

No.	Function	Name of the object group	Data type	Flags
36	Send on release	Single B1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
-	am value:			
8 bit va	alue.			
The in	dicated value is sent when the butto	n is released.		
36	Send on long	Single B1: Send percent	1 Byte	C, R, T
<b>T</b> .1			DPT 5.001	
Percer	am value: Itage			
	touch sends the indicated value.			1 -
36	Send on long	Single B1: Send degree	1 Byte DPT 5.003	C, R, T
Telegr	am value:		011 5.005	
	on degrees.			
A long 36	touch sends the indicated value. Send on long	Single B1: Send 8 bit value	1 Byte	C, R, T
50	Schubriong	Single D1. Send 8 bit value	DPT 5.010	C, N, 1
Telegr	am value:	·		
8 bit v	alue.			
A long	touch sends the indicated value.			
37	Send on release	Single B1: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
-	am value:			
Tempe	erature in DPT 9.001 format.			
The in	dicated value is sent when the butto	n is released.		
37	Send on release	Single B1: Send 16 bit value	2 Bytes	C, R, T
Telegr	am value:		DPT 7.001	
16 bit				
	dicated value is sent when the butto			
37	Send on long	Single B1: Send temperature	2 Bytes DPT 9.001	C, R, T
Telegr	am value:		511 5.001	
	erature in DPT 9.001 format.			
Along	touch conduithe indicated value			
37	touch sends the indicated value. Send on long	Single B1: Send 16 bit value	2 Bytes	C, R, T
•			DPT 7.001	0, 11, 1
-	am value:			
16 bit	value.			
A long	touch sends the indicated value.			
38	Interlock	Single B2: interlock	1 bit	C, R, W, U
			DPT 1.003	
-	am value: activate locking			
	tivate locking			
	ng is activated, button B2 is disabled			
39	Short switch	Single B2: short switch	1 bit DPT 1.001	C, R, T
Telegr	am value:			
0 = Off				
1 = On				
It allow	vs control of the switching on and of	f of a compatible device upon detecting	a short touch	
It allows control of the switching on and off of a compatible device upon detecting a short touch.				

No.	Function	Name of the object group	Data type	Flags	
39	Switch on touch	Single B2: Touch	1 bit DPT 1.001	C, R, T	
	am value:				
0 = Off 1 = On					
1 011					
		of a compatible device upon detecting the			
39	Toggle on touch	Single B2: Touch	1 bit DPT 1.001	C, R, T	
Telegra	am value:		2		
	0 = Off				
1 = On	1 = On				
It allow	ws control of the switching on and	off of a compatible device upon detect	ing that the button	is touched. It	
	es the status every time the button is		4 1.14	CDT	
40	Long switch	Single B2: long switch	1 bit DPT 1.001	C, R, T	
	am value:				
0 = Off 1 = On					
1 = 00					
It allow	_	of a compatible device upon detecting a	long touch.		
40	Switch on release	Single B2: Release	1 bit	C, R, T	
Telegra	am value:		DPT 1.001		
0 = Off					
1 = On					
It allow	vs control of the switching on and off	of a compatible device upon detecting t	hat the button has be	en released.	
41	Send scene	Single B2: Send scene	1 Byte	C, R, T	
Talaan			DPT 18.001		
0-63	am value: -> Execute scene				
128-19	1 -> Save scene				
It allow	vs scenes to be controlled.				
42	Scene LED	Single B2: Scene feedback LED	1 Byte	C, W, U	
			DPT 18.001		
Telegra Active	am value:				
Active	scene.				
		as the scene configured for this button,	the LED is activated.		
If a val	ue other than the configured scene is Send on touch	s received, the LED switches off. Single B2: Send percent	1 Byte	C, R, T	
-5		Single b2. Send percent	DPT 5.001	С, К, Т	
-	am value:				
Percen	itage.				
The inc	dicated value is sent when the buttor	n is touched.			
43	Send on touch	Single B2: Send degree	1 Byte	C, R, T	
Telegr	am value:		DPT 5.003		
-	on degrees.				
The inc 43	dicated value is sent when the buttor Send on touch	i is touched. Single B2: Send 8 bit value	1 Byte	C, R, T	
-5		Single B2. Send 8 bit value	DPT 5.010	C, N, T	
-	am value:				
8 bit va	alue.				
The inc	dicated value is sent when the buttor	n is touched.			

No.	Function	Name of the object group	Data type	Flags		
43	Send on short	Single B2: Send percent	1 Byte DPT 5.001	C, R, T		
_	am value:					
Percen	-					
43	touch sends the indicated value.	Single B2: Send degree	1 Byte	C, R, T		
			DPT 5.003	-,,.		
	am value:					
	on degrees. : touch sends the indicated value.					
43	Send on short	Single B2: Send 8 bit value	1 Byte DPT 5.010	C, R, T		
-	am value:	•		<b>I</b>		
8 bit va	ilue.					
A short	touch sends the indicated value.					
44	Send on touch	Single B2: Send temperature	2 Bytes	C, R, T		
			DPT 9.001			
-	a <b>m value:</b> rature in DPT 9.001 format.					
The inc	licated value is sent when the buttor	n is touched.				
44	Send on touch	Single B2: Send 16 bit value	2 Bytes	C, R, T		
			DPT 7.001			
16 bit v	a <b>m value:</b> value.					
The inc	licated value is sent when the buttor	n is touched.				
44	Send on short	Single B2: Send temperature	2 Bytes	C, R, T		
Telegra	am value:		DPT 9.001			
-	rature in DPT 9.001 format.					
	touch sends the indicated value.					
44	Send on short	Single B2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T		
Telegra	am value:		DP1 7.001			
16 bit v						
A short 45	touch sends the indicated value.	Single B2: Send percent	1 Byte	C, R, T		
-5		Single b2. Send percent	DPT 5.001	C, N, T		
_	am value:		·	·		
Percen	tage.					
The inc	licated value is sent when the buttor	n is released.				
45	Send on release	Single B2: Send degree	1 Byte	C, R, T		
			DPT 5.003			
-	am value: on degrees.					
NULIALIC	in degrees.					
The inc	licated value is sent when the buttor	n is released.				
45	Send on release	Single B2: Send 8 bit value	1 Byte	C, R, T		
Telegra	am value:		DPT 5.010			
_	Telegram value: 8 bit value.					
The inc	licated value is sent when the buttor	n is released.				

No.	Function	Name of the object group	Data type	Flags
45	Send on long	Single B2: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:			
Percen	-			
_	touch sends the indicated value.	Circle D2. Count do aver	4 Dute	
45	Send on long	Single B2: Send degree	1 Byte DPT 5.003	C, R, T
-	am value: on degrees.			
	touch sends the indicated value.			
45	Send on long	Single B2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	am value:			1
8 bit va				
_	touch sends the indicated value.	Circle D2. Count to support	2.0.4	
46	Send on release	Single B2: Send temperature	2 Bytes DPT 9.001	C, R, T
	<b>am value:</b> erature in DPT 9.001 format.			
The inc 46	dicated value is sent when the buttor Send on release		2 Dutos	CDT
40	Send on release	Single B2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
-	am value:			
16 bit v				
1 ne inc 46	dicated value is sent when the buttor Send on long	Single B2: Send temperature	2 Bytes	C, R, T
40			DPT 9.001	C, N, T
-	<b>am value:</b> erature in DPT 9.001 format.			
	touch sends the indicated value.			
46	Send on long	Single B2: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
16 bit	am value:			
	touch sends the indicated value.			
47	Dimming On/Off	Single B2: dimming On/Off	1 bit	C, R, T
	-		DPT 1.001	-, ,
Telegra 0 = Off	am value:			
0 = 01 1 = 0n				
It allov	vs control of the switching on and off	of a dimming control device.		
47	Step/Stop	Single B2: shutters Step/Stop (short	1 bit	C, R, T
Telegr	am value:	touch)	DPT 1.007	
	p/step up			
	p/step down			
lt cont	rols the stopping, stepping up and st	epping down of a shutter control device.		
48	Dimming	Single B2: dimming	4 bit DPT 3.007	C, R, T
Telegr	am value:			
-	tion status.			
	vs control of the regulation of a dimn	-		
See parameter type 3.007 Dimming control.				

Manual e-Bus coupling KNX

No.	Function	Name of the object group	Data type	Flags
48	Up/Down	Single B2: shutters Up/Down	1 bit DPT 1.008	C, R, T
Telegram value: 0 = Up 1 = Down				
It allows the raising/lowering control of a shutter control device.				

## 7.2.3. Button pair C objects

No.	Function	Name of the object group	Data type	Flags	
49	Interlock	Pair C: interlock	1 bit DPT 1.003	C, R, W, U	
	am value:				
	activate locking				
1 = Act	ivate locking				
lf locki	ng is activated, buttons C1 and C2 are	e disabled			
49	Interlock	Single C1: interlock	1 bit	C, R, W, U	
			DPT 1.003	0, 11, 11, 0	
Telegr	am value:		·		
0 = Deactivate locking					
1 = Act	ivate locking				
الألمماء:	na is satistated button C1 is disabled				
50	ng is activated, button C1 is disabled. LED On/Off	Pair C: LED C1 On/Off	1 bit	C, W, U	
50			DPT 1.001	C, W, O	
Telegr	am value:		2		
0 = Off					
1 = On					
		of the LED associated with button C1.			
50	LED On/Off	Pair C: LED On/Off	1 bit	C, W, U	
<b>T</b> - 1			DPT 1.001		
0 = Off	am value:				
1 = On					
1 - 011					
It allov	vs control of the switching on and off	of the LED associated with button pair C			
		LED for each button, which means the L		wo buttons of	
the sar	ne group. This object enables their sv		<u>.</u>		
50	LED On/Off	Single C1: LED On/Off	1 bit	C, W, U	
			DPT 1.001		
	am value:				
0 = Off					
1 = On					
It allov	vs control of the switching on and off	of the LED associated with button C1.			
51	LED On/Off	Pair C: LED C2 On/Off	1 bit	C, W, U	
	,		DPT 1.001	-,, -	
Telegra	am value:		•		
0 = Off					
1 = On					
It allows control of the switching on and off of the LED associated with button C2.					
It allov	vs control of the switching on and off	of the LED associated with button C2.			

No.	Function	Name of the object group	Data type	Flags		
51	LED On/Off	Single C2: LED On/Off	1 bit DPT 1.001	C, W, U		
	am value:					
0 = Off						
1 = On						
It allow	-	of the LED associated with button C2.				
52	Dimming On/Off	Pair C: dimming On/Off	1 bit DPT 1.001	C, R, T		
Telegra	am value:					
0 = Off						
1 = On						
It allow	vs control of the switching on and off	of a dimming control device.				
52	Step/Stop	Pair C: shutters Step/Stop (short	1 bit	C, R, T		
		touch)	DPT 1.007			
	am value:					
	p/step up p/step down					
1 - 310	prstep down					
It cont	rols the stopping, stepping up and ste	epping down of a shutter control device.				
52	Dimming On/Off	Single C1: dimming On/Off	1 bit	C, R, T		
			DPT 1.001			
	am value:					
0 = Off 1 = On						
1 = 01						
It allow	vs control of the switching on and off	of a dimming control device.				
52	Step/Stop	Single C1: shutters Step/Stop (short	1 bit	C, R, T		
		touch)	DPT 1.007			
	<b>am value:</b> p/step up					
	p/step down					
- 010	p,p					
It cont	rols the stopping, stepping up and ste	epping down of a shutter control device.				
53	Dimming	Pair C: dimming	4 bit	C, R, T		
Telegr			DPT 3.007			
0	<b>am value:</b> tion status.					
Regula	tion status.					
It allow	vs control of the regulation of a dimm	ning control device.				
	rameter type 3.007 Dimming control			-		
53	Up/Down	Pair C: shutters Up/Down	1 bit	C, R, T		
Telegr	am value:		DPT 1.008			
0 = Up						
1 = Do						
	vs the raising/lowering control of a sh		a h.:+	C D T		
53	Dimming	Single C1: dimming	4 bit DPT 3.007	C, R, T		
Telegra	am value:		DF1 5.007			
-	tion status.					
It allows control of the regulation of a dimming control device.						
See pa	rameter type 3.007 Dimming control Up/Down	Single C1: shutters Up/Down	1 bit	C, R, T		
55		Single CI. Shutters OP/DOWI	DPT 1.008	C, N, T		
Telegra	am value:					
0 = Up						
1 = Do	wn					
It allow	us the raising/lowering control of a sh	utter control device				
I IL ANOV	It allows the raising/lowering control of a shutter control device.					

No.	Function	Name of the object group	Data type	Flags	
54	Short switch	Single C1: short switch	1 bit DPT 1.001	C, R, T	
	am value:				
0 = Off 1 = On					
1 = On					
It allow	vs control of the switching on and off	f of a compatible device upon detecting a	short touch.		
54	Switch on touch	Single C1: Touch	1 bit	C, R, T	
			DPT 1.001		
0 = Off	am value:				
1 = On					
		f of a compatible device upon detecting t		1	
54	Toggle on touch	Single C1: Touch	1 bit	C, R, T	
Tologr	am value:		DPT 1.001		
0 = Off					
1 = On					
		off of a compatible device upon detect	ting that the button	is touched. It	
55	es the status every time the button is Long switch	Single C1: long switch	1 bit	C, R, T	
55		Single C1. long switch	DPT 1.001	C, N, T	
Telegr	am value:	l			
0 = Off					
1 = On					
It allow	us control of the switching on and off	f of a compatible device upon detecting a	long touch		
55	Switch on release	f of a compatible device upon detecting a Single C1: Release	1 bit	C, R, T	
55			DPT 1.001	0, 11, 1	
Telegr	am value:	•			
0 = Off					
1 = On					
It allov	vs control of the switching on and off	f of a compatible device upon detecting t	hat the button has be	en released.	
56	Send scene	Single C1: Send scene	1 Byte	C, R, T	
			DPT 18.001		
-	am value:				
0-63	-> Execute scene				
120-15	91 -> Save scene				
It allow	vs scenes to be controlled.				
57	Scene LED	Single C1: Scene feedback LED	1 Byte	C, W, U	
			DPT 18.001		
Telegr Active	am value:				
Active	scene.				
If it is r	ead that the active scene is the same	e as the scene configured for this button,	the LED is activated.		
If a val	ue other than the configured scene i	s received, the LED switches off.	-		
58	Send on touch	Single C1: Send percent	1 Byte	С, R, Т	
Telegr			DPT 5.001		
Percer	am value:				
The in	dicated value is sent when the buttor	n is touched.		T	
58	Send on touch	Single C1: Send degree	1 Byte	С, R, Т	
Teles			DPT 5.003		
_	<b>am value:</b> on degrees.				
notuti					
The in	The indicated value is sent when the button is touched.				

No.	Function	Name of the object group	Data type	Flags
58	Send on touch	Single C1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	am value:			
8 bit v		- to be concluded		
58	dicated value is sent when the buttor Send on short	Single C1: Send percent	1 Byte	C, R, T
		Single C1. Send percent	DPT 5.001	С, К, Т
	am value:			
Percer	itage. t touch sends the indicated value.			
58	Send on short	Single C1: Send degree	1 Byte DPT 5.003	C, R, T
Telegr	am value:	•		
	on degrees.			
	t touch sends the indicated value.			
58	Send on short	Single C1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
<b>Telegr</b> 8 bit v	<b>am value:</b> alue.			
A shor	t touch sends the indicated value.			
59	Send on touch	Single C1: Send temperature	2 Bytes	C, R, T
Telegr	am value:		DPT 9.001	
-	erature in DPT 9.001 format.			
The in	dicated value is sent when the butto			1
59	Send on touch	Single C1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr 16 bit	am value:			
	dicated value is sent when the buttor		2 Dutos	СРТ
59	Send on short	Single C1: Send temperature	2 Bytes DPT 9.001	C, R, T
-	am value:	•		·
Tempe	erature in DPT 9.001 format.			
A shor	t touch sends the indicated value.			
59	Send on short	Single C1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr 16 bit	am value:			
10 01	value.			
A shor	t touch sends the indicated value.		_	
60	Send on release	Single C1: Send percent	1 Byte DPT 5.001	C, R, T
-	am value:			
Percentage.				
The in 60	dicated value is sent when the buttor Send on release	n is released. Single C1: Send degree	1 Puto	CPT
00	Send on release	Single C1. Send degree	1 Byte DPT 5.003	C, R, T
-	am value:			
Rotati	on degrees.			
The in	dicated value is sent when the buttor	n is released.		

No.	Function	Name of the object group	Data type	Flags
60	Send on release	Single C1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	am value:			
8 bit va	alue.			
The inc	dicated value is sent when the buttor	n is released.		
60	Send on long	Single C1: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:			
Percen	itage.			
	touch sends the indicated value.			
60	Send on long	Single C1: Send degree	1 Byte DPT 5.003	C, R, T
-	am value:			
Rotatio	on degrees.			
A long	touch sends the indicated value.			
60	Send on long	Single C1: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
8 bit va	am value:			
O DIL V	aiue.			
A long	touch sends the indicated value.			
61	Send on release	Single C1: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
-	<b>am value:</b> erature in DPT 9.001 format.			
rempe				
The inc	dicated value is sent when the buttor	is released.		•
61	Send on release	Single C1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr	am value:			
16 bit	value.			
The in	diastad value is contructed the butter	a is released		
61	dicated value is sent when the buttor Send on long	Single C1: Send temperature	2 Bytes	C, R, T
			DPT 9.001	0, 11, 1
	am value:			
Tempe	erature in DPT 9.001 format.			
A long	touch sends the indicated value.			
61	Send on long	Single C1: Send 16 bit value	2 Bytes	C, R, T
		-	DPT 7.001	
_	am value:			
16 bit v	value.			
A long	touch sends the indicated value.			
62	Interlock	Single C2: interlock	1 bit	C, R, W, U
			DPT 1.003	
-	am value: activate locking			
1 = Activate locking				
	ng is activated, button C2 is disabled			0.0-
63	Short switch	Single C2: short switch	1 bit	C, R, T
Telegr	am value:		DPT 1.001	
0 = Off				
1 = On				
It allow	vs control of the switching on and of	of a compatible dovice upon detecting	short touch	
It allows control of the switching on and off of a compatible device upon detecting a short touch.				

No.	Function	Name of the object group	Data type	Flags
63	Switch on touch	Single C2: Touch	1 bit DPT 1.001	C, R, T
Telegra	am value:			
0 = Off 1 = On				
1 011				
		of a compatible device upon detecting t		
63	Toggle on touch	Single C2: Touch	1 bit DPT 1.001	C, R, T
	am value:			
0 = Off				
1 = On				
It allow	ws control of the switching on and	off of a compatible device upon detect	ting that the button	is touched. It
	es the status every time the button is		4 1.14	CDT
64	Long switch	Single C2: long switch	1 bit DPT 1.001	C, R, T
	am value:			
0 = Off				
1 = On				
It allow		of a compatible device upon detecting a	long touch.	
64	Switch on release	Single C2: Release	1 bit	C, R, T
Telegra	am value:		DPT 1.001	
0 = Off				
1 = On				
It allow	vs control of the switching on and off	of a compatible device upon detecting the	hat the button has be	en released.
65	Send scene	Single C2: Send scene	1 Byte	C, R, T
<b>T</b> .			DPT 18.001	
0-63	am value: -> Execute scene			
128-19	91 -> Save scene			
It allow	vs scenes to be controlled.			
66	Scene LED	Single C2: Scene feedback LED	1 Byte	C, W, U
-		5	DPT 18.001	, ,
Telegra Active	am value:			
Active	scene.			
		e as the scene configured for this button,	the LED is activated.	
If a val 67	ue other than the configured scene is Send on touch	s received, the LED switches off. Single C2: Send percent	1 Puto	СРТ
07	Send on touch	Single C2: Send percent	1 Byte DPT 5.001	C, R, T
-	am value:			
Percen	itage.			
The inc	dicated value is sent when the buttor	n is touched.		
67	Send on touch	Single C2: Send degree	1 Byte	C, R, T
Talaam			DPT 5.003	
-	<b>am value:</b> on degrees.			
	dicated value is sent when the buttor		4.0.+-	C D T
67	Send on touch	Single C2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegra	am value:			
8 bit va	alue.			
The inc	dicated value is sent when the buttor	h is touched.		

No.	Function	Name of the object group	Data type	Flags
67	Send on short	Single C2: Send percent	1 Byte DPT 5.001	C, R, T
_	am value:			
Percer	-			
67	t touch sends the indicated value. Send on short	Single C2: Send degree	1 Byte	C, R, T
07			DPT 5.003	C, II, I
	am value:			
	on degrees.			
A shor 67	t touch sends the indicated value. Send on short	Single C2: Send 8 bit value	1 Byte	C, R, T
07		Single C2. Send o bit value	DPT 5.010	C, N, 1
-	am value:	•		
8 bit v	alue.			
A shor	t touch sends the indicated value.			
68	Send on touch	Single C2: Send temperature	2 Bytes	C, R, T
			DPT 9.001	-, ,
	am value:			
Tempe	erature in DPT 9.001 format.			
The in	dicated value is sent when the buttor	a is touched		
<b>68</b>	Send on touch	Single C2: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
_	am value:			
16 bit	value.			
The in	dicated value is sent when the butto	n is touched.		
68	Send on short	Single C2: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
	<b>am value:</b> erature in DPT 9.001 format.			
rempe	erature in DPT 9.001 format.			
A shor	t touch sends the indicated value.			
68	Send on short	Single C2: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
16 bit	am value:			
10 510	value.			
A shor	t touch sends the indicated value.			
69	Send on release	Single C2: Send percent	1 Byte	C, R, T
Telegr			DPT 5.001	
Percer	am value:			
	dicated value is sent when the buttor		-	
69	Send on release	Single C2: Send degree	1 Byte	C, R, T
Telegr	am value:		DPT 5.003	
-	on degrees.			
	-			
	dicated value is sent when the buttor			
69	Send on release	Single C2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	am value:		DF1 5.010	
8 bit v				
The in	dicated value is sent when the butto	n is released.		

No.	Function	Name of the object group	Data type	Flags
69	Send on long	Single C2: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:			
Percer	-			
A long 69	touch sends the indicated value. Send on long	Single C2: Send degree	1 Byte	СРТ
			DPT 5.003	C, R, T
-	<b>am value:</b> on degrees.			
	touch sends the indicated value.			
69	Send on long	Single C2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	am value:			
8 bit v				
-	touch sends the indicated value.	Circle C2. Constitution and the	2.0.4	
70	Send on release	Single C2: Send temperature	2 Bytes DPT 9.001	C, R, T
	a <b>m value:</b> erature in DPT 9.001 format.			
The in	dicated value is sent when the buttor	n is released.		
70	Send on release	Single C2: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
16 bit	<b>am value:</b> value.			
	dicated value is sent when the buttor			
70	Send on long	Single C2: Send temperature	2 Bytes DPT 9.001	C, R, T
-	<b>am value:</b> erature in DPT 9.001 format.			
A long	touch sends the indicated value.			
70	Send on long	Single C2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr	am value:			
16 bit	value.			
	touch sends the indicated value.		A 1 11	
71	Dimming On/Off	Single C2: dimming On/Off	1 bit DPT 1.001	C, R, T
-	am value:			
0 = Of 1 = On				
It allow	ws control of the switching on and of	f of a dimming control device.		
71	Step/Stop	Single C2: shutters Step/Stop (short touch)	1 bit DPT 1.007	C, R, T
Telegr	am value:	· · · ·		
	pp/step up pp/step down			
It cont	role the stanning stanning up and st	epping down of a shutter control device.		
72	Dimming	Single C2: dimming	4 bit	C, R, T
Tologr	am value:		DPT 3.007	
-	am value: ation status.			
	vs control of the regulation of a dimn	-		
see pa	rameter type 3.007 Dimming control			

No.	Function	Name of the object group	Data type	Flags
72	Up/Down	Single C2: shutters Up/Down	1 bit DPT 1.008	C, R, T
Telegram value:				
0 = Up				
1 = Dov	wn			
It allows the raising/lowering control of a shutter control device.				

## 7.2.4. Button pair D objects

No.	Function	Name of the object group	Data type	Flags
73	Interlock	Pair D: interlock	1 bit DPT 1.003	C, R, W, U
-	am value:		·	
	activate locking			
1 = Ac	tivate locking			
If locki	ng is activated, buttons D1 and D2 ar	e disabled.		
73	Interlock	Single D1: interlock	1 bit	C, R, W, U
			DPT 1.003	
_	am value:			
	activate locking			
I = AC	tivate locking			
lf locki	ng is activated, button D1 is disabled			
74	LED On/Off	Pair D: LED D1 On/Off	1 bit	C, W, U
			DPT 1.001	
	am value:			
0 = Of				
1 = On				
It allow	vs control of the switching on and off	of the LED associated with button D1.		
74	LED On/Off	Pair D: LED On/Off	1 bit	C, W, U
			DPT 1.001	
_	am value:			
0 = Off 1 = On				
1 = On				
It allow	vs control of the switching on and off	of the LED associated with button pair D	).	
		LED for each button, which means the L		wo buttons of
	me group. This object enables their s			1
74	LED On/Off	Single D1: LED On/Off	1 bit	C, W, U
Tologr	am value:		DPT 1.001	
0 = Of				
1 = On				
It allow		of the LED associated with button D1.		
75	LED On/Off	Pair D: LED D2 On/Off	1 bit	C, W, U
Talaan			DPT 1.001	
0 = Off	am value:			
1 = On				
_				
It allow	vs control of the switching on and off	of the LED associated with button D2.		

No.	Function	Name of the object group	Data type	Flags
75	LED On/Off	Single D2: LED On/Off	1 bit DPT 1.001	C, W, U
	am value:			
0 = Off 1 = On				
1 - 01				
It allow		of the LED associated with button D2.	1	
76	Dimming On/Off	Pair D: dimming On/Off	1 bit DPT 1.001	C, R, T
	am value:			
0 = Off				
1 = On				
It allow	vs control of the switching on and off	of a dimming control device.		
76	Step/Stop	Pair D: shutters Step/Stop (short	1 bit	C, R, T
		touch)	DPT 1.007	
	am value:			
	pp/step up pp/step down			
	p, c.cp			
It cont		epping down of a shutter control device.	1	
76	Dimming On/Off	Single D1: dimming On/Off	1 bit	C, R, T
Tologr	am value:		DPT 1.001	
0 = Off				
1 = On				
	vs control of the switching on and off	-		
76	Step/Stop	Single D1: shutters Step/Stop (short touch)	1 bit DPT 1.007	C, R, T
Telegra	am value:		DIT 1.007	
0 = Sto	pp/step up			
1 = Sto	pp/step down			
It cont	rols the stonning stenning up and st	epping down of a shutter control device.		
77	Dimming	Pair D: dimming	4 bit	C, R, T
	5		DPT 3.007	-, ,
-	am value:			
Regula	tion status.			
It allow	vs control of the regulation of a dimn	ning control device.		
	rameter type 3.007 Dimming control			
77	Up/Down	Pair D: shutters Up/Down	1 bit	C, R, T
	_		DPT 1.008	
Telegra 0 = Up	am value:			
1 = Do				
It allow	vs the raising/lowering control of a sl			1
77	Dimming	Single D1: dimming	4 bit	C, R, T
Telegr	am value:		DPT 3.007	
-	ition status.			
0				
	vs control of the regulation of a dimn			
	rameter type 3.007 Dimming control		1 h:+	CDT
77	Up/Down	Single D1: shutters Up/Down	1 bit DPT 1.008	С, R, Т
Telegra	am value:		2 2.000	
0 = Up				
1 = Do	wn			
It allow	vs the raising/lowering control of a sł	nutter control device		
I IC ANOV	vo the raising/lowering control of d SI	ומנוכו נטוונוטו מכעונכ.		

No.	Function	Name of the object group	Data type	Flags	
78	Short switch	Single D1: short switch	1 bit DPT 1.001	C, R, T	
-	am value:				
0 = Off 1 = On					
		f of a compatible device upon detecting a	short touch		
78	Switch on touch	Single D1: Touch	1 bit	C, R, T	
			DPT 1.001	-, ,	
0 = Off 1 = On					
		f of a compatible device upon detecting t		1	
78	Toggle on touch	Single D1: Touch	1 bit DPT 1.001	C, R, T	
Telegr	am value:		0111.001		
0 = Off					
1 = On					
		off of a compatible device upon detec	ting that the button	is touched. It	
79	es the status every time the button is Long switch	Single D1: long switch	1 bit	C, R, T	
			DPT 1.001	0, 11, 1	
-	am value:				
0 = Off					
1 = On					
It allov	vs control of the switching on and of	f of a compatible device upon detecting a	long touch.		
79	Switch on release	Single D1: Release	1 bit	C, R, T	
			DPT 1.001		
0 = Off 1 = On		f of a compatible device upon detecting t	hat the button has be	en released	
80	Send scene	Single D1: Send scene	1 Byte DPT 18.001	C, R, T	
Telegr	am value:		DFT 18.001		
0-63	-> Execute scene				
128-19	91 -> Save scene				
14 - 11					
81	vs scenes to be controlled. Scene LED	Single D1: Scene feedback LED	1 Byte	C, W, U	
01			DPT 18.001	c, w, o	
Telegr	am value:				
Active	scene.				
If it is a	and that the active seens is the same	as the seene configured for this button	the LED is estimated		
	ue other than the configured scene is	e as the scene configured for this button, s received, the LED switches off.	the LLD is activated.		
82	Send on touch	Single D1: Send percent	1 Byte	C, R, T	
		с .	DPT 5.001		
Telegr Percer	<b>am value:</b> Itage.				
The in	dicated value is sent when the buttor	h is touched			
82	Send on touch	Single D1: Send degree	1 Byte	C, R, T	
			DPT 5.003		
-	am value:				
Rotatio	on degrees.				
The in	The indicated value is sent when the button is touched.				

No.	Function	Name of the object group	Data type	Flags
82	Send on touch	Single D1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
	am value:			·
8 bit v				
1 he in 82	dicated value is sent when the buttor Send on short		1 Buto	C, R, T
-		Single D1: Send percent	1 Byte DPT 5.001	С, К, І
	am value:			
Percer	t touch sends the indicated value.			
82	Send on short	Single D1: Send degree	1 Byte DPT 5.003	C, R, T
Telegr	am value:		511 5.000	
-	on degrees.			
	t touch sends the indicated value.			
82	Send on short	Single D1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
<b>Telegr</b> 8 bit v	<b>am value:</b> alue.			
A shor	t touch sends the indicated value.			
83	Send on touch	Single D1: Send temperature	2 Bytes DPT 9.001	C, R, T
Telegr	am value:		DF1 5.001	
-	erature in DPT 9.001 format.			
	dicated value is sent when the buttor			
83	Send on touch	Single D1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr 16 bit	<b>am value:</b> value.			
Tho in	dicated value is sent when the butto	a is touched		
83	Send on short	Single D1: Send temperature	2 Bytes	C, R, T
			DPT 9.001	-,,.
-	am value:			
	erature in DPT 9.001 format.			
	t touch sends the indicated value.			
83	Send on short	Single D1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
•	am value:			
16 bit	value.			
	t touch sends the indicated value.			
84	Send on release	Single D1: Send percent	1 Byte DPT 5.001	C, R, T
Telegr Percer	am value:			
	-			
The in <b>84</b>	dicated value is sent when the buttor Send on release	n is released. Single D1: Send degree	1 Byte	C, R, T
		Single D1. Send degree	DPT 5.003	С, К, Т
-	am value:			
Kotati	on degrees.			
The in	dicated value is sent when the butto	n is released.		

No.	Function	Name of the object group	Data type	Flags
84	Send on release	Single D1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
_	am value:		·	
8 bit v	alue. dicated value is sent when the buttor	is released		
84	Send on long	Single D1: Send percent	1 Byte DPT 5.001	C, R, T
	am value:			
Percer	itage. touch sends the indicated value.			
84	Send on long	Single D1: Send degree	1 Byte DPT 5.003	C, R, T
-	am value:	•		
	on degrees.			
	touch sends the indicated value.			
84	Send on long	Single D1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr 8 bit v	<b>am value:</b> alue.			·
A long	touch sends the indicated value.			
85	Send on release	Single D1: Send temperature	2 Bytes DPT 9.001	C, R, T
-	am value:	·		
Tempe	erature in DPT 9.001 format.			
	dicated value is sent when the buttor			
85	Send on release	Single D1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr 16 bit	am value:			
	dicated value is sent when the buttor		2 Dutos	CDT
85	Send on long	Single D1: Send temperature	2 Bytes DPT 9.001	C, R, T
	am value:			
Tempe	erature in DPT 9.001 format.			
	touch sends the indicated value.	I		
85	Send on long	Single D1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr 16 bit	am value:			
10 010	value.			
	touch sends the indicated value.			
86	Interlock	Single D2: interlock	1 bit DPT 1.003	C, R, W, U
_	am value:			
	activate locking tivate locking			
If look	ng is activated, button D2 is disabled			
87	ng is activated, button D2 is disabled Short switch	Single D2: short switch	1 bit	C, R, T
			DPT 1.001	, ,
Telegr 0 = Of	am value:			
1 = On				
It allow	vs control of the switching on and off	of a compatible device upon detecting	a short touch	
	It allows control of the switching on and off of a compatible device upon detecting a short touch.			

No.	Function	Name of the object group	Data type	Flags
87	Switch on touch	Single D2: Touch	1 bit DPT 1.001	C, R, T
Telegra	am value:			
1 = On				
It allow 87	Toggle on touch	of a compatible device upon detecting the Single D2: Touch	1 bit	ned. C, R, T
			DPT 1.001	0, 11, 1
Telegra	am value:			
1 = On				
				:
	es the status every time the button is	off of a compatible device upon detect touched.	ing that the button	is touched. It
88	Long switch	Single D2: long switch	1 bit	C, R, T
Telegr	am value:		DPT 1.001	
0 = Off				
1 = On				
It allow	vs control of the switching on and off	of a compatible device upon detecting a	long touch.	
88	Switch on release	Single D2: Release	1 bit	C, R, T
Talaan			DPT 1.001	
0 = Off	am value:			
1 = On				
It allow	us control of the switching on and off	of a compatible device upon detecting t	hat the button has be	on released
89	Send scene	Single D2: Send scene	1 Byte	C, R, T
			DPT 18.001	
Telegra	am value: -> Execute scene			
	1 -> Save scene			
It allow	is seened to be controlled			
90	vs scenes to be controlled. Scene LED	Single D2: Scene feedback LED	1 Byte	C, W, U
			DPT 18.001	-, , -
Telegra Active	am value:			
Active	scene.			
		as the scene configured for this button,	the LED is activated.	
If a val 91	ue other than the configured scene is Send on touch	Single D2: Send percent	1 Byte	C, R, T
51		Single D2. Send percent	DPT 5.001	C, N, 1
-	am value:			
Percen	llage.			
	dicated value is sent when the buttor			
91	Send on touch	Single D2: Send degree	1 Byte DPT 5.003	C, R, T
Telegra	am value:		DP1 5.003	
-	on degrees.			
The inc	dicated value is sent when the buttor	h is touched		
91	Send on touch	Single D2: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
Telegra 8 bit va	am value: alue.			
The inc	dicated value is sent when the buttor	n is touched.		
L				

No.	Function	Name of the object group	Data type	Flags
91	Send on short	Single D2: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:	•		
Percer	-			
A shor 91	t touch sends the indicated value. Send on short	Single D2: Sond dograp	1 Duto	СРТ
		Single D2: Send degree	1 Byte DPT 5.003	C, R, T
	am value:			
	on degrees. t touch sends the indicated value.			
91	Send on short	Single D2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	am value:	1	•	I
8 bit v				
	t touch sends the indicated value.			
92	Send on touch	Single D2: Send temperature	2 Bytes DPT 9.001	C, R, T
	a <b>m value:</b> erature in DPT 9.001 format.			
The in	dicated value is sent when the butto	n is touched		
<b>92</b>	Send on touch	Single D2: Send 16 bit value	2 Bytes	C, R, T
<b>T</b> .1			DPT 7.001	
16 bit	<b>am value:</b> value.			
The in	dicated value is sent when the butto	n is touched.		
92	Send on short	Single D2: Send temperature	2 Bytes DPT 9.001	C, R, T
Tempe	<b>am value:</b> erature in DPT 9.001 format.			
	t touch sends the indicated value.	Circle D2 Could Chitagha	2.0.4	
92	Send on short	Single D2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr 16 bit	<b>am value:</b> value.			
A shor	t touch sends the indicated value.			
93	Send on release	Single D2: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:		0110.001	
Percer	ntage.			
-	dicated value is sent when the butto			
93	Send on release	Single D2: Send degree	1 Byte DPT 5.003	C, R, T
-	am value: on degrees.			
The in	dicated value is sent when the butto	n is released		
93	Send on release	Single D2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
-	am value:			
8 bit v				
The in	dicated value is sent when the butto	n is released.		

No.	Function	Name of the object group	Data type	Flags
93	Send on long	Single D2: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	ram value:		2 0.001	
Percei	-			
A long	touch sends the indicated value. Send on long	Single D2: Send degree	1 Byte	C, R, T
			DPT 5.003	0, 10, 1
-	r <b>am value:</b> on degrees.			
	touch sends the indicated value.			
93	Send on long	Single D2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	ram value:		DF1 5.010	
8 bit v				
	touch sends the indicated value.	Circle D2. Conditioner anti-		
94	Send on release	Single D2: Send temperature	2 Bytes DPT 9.001	C, R, T
	<b>ram value:</b> erature in DPT 9.001 format.			
	dicated value is sent when the buttor	a is released		
94	Send on release	Single D2: Send 16 bit value	2 Bytes	C, R, T
-			DPT 7.001	-, ,
-	<b>ram value:</b> value.			
The in	dicated value is sent when the buttor		1	
94	Send on long	Single D2: Send temperature	2 Bytes DPT 9.001	C, R, T
-	ram value:	·		
	erature in DPT 9.001 format. g touch sends the indicated value.			
94	Send on long	Single D2: Send 16 bit value	2 Bytes	C, R, T
Telegi	ram value:		DPT 7.001	
-	value.			
A long	touch sends the indicated value.			
95	Dimming On/Off	Single D2: dimming On/Off	1 bit DPT 1.001	C, R, T
-	ram value:	•		
0 = Of 1 = Or				
It allow	ws control of the switching on and of	f of a dimming control device.		
95		Charle D2, shottens Charles (chart	1 bit	C, R, T
	Step/Stop	Single D2: shutters Step/Stop (short touch)		C, N, 1
	ram value:		DPT 1.007	
0 = Sto				
0 = Sto 1 = Sto	r <b>am value:</b> op/step up op/step down	touch)		
0 = Sto 1 = Sto	r <b>am value:</b> op/step up op/step down		DPT 1.007 4 bit	C, R, T
0 = Sto 1 = Sto It cont <b>96</b>	r <b>am value:</b> op/step up op/step down trols the stopping, stepping up and st Dimming	touch) epping down of a shutter control device.	DPT 1.007	
0 = Sto 1 = Sto It cont 96 Telegr	r <b>am value:</b> op/step up op/step down trols the stopping, stepping up and st	touch) epping down of a shutter control device.	DPT 1.007 4 bit	

No.	Function	Name of the object group	Data type	Flags	
96	Up/Down	Single D2: shutters Up/Down	1 bit DPT 1.008	C, R, T	
Telegram value: 0 = Up 1 = Down					
It allows the raising/lowering control of a shutter control device.					

## 7.2.5. Button pair E objects

No.	Function	Name of the object group	Data type	Flags		
97	Interlock	Pair E: interlock	1 bit DPT 1.003	C, R, W, U		
Telegram value: 0 = Deactivate locking 1 = Activate locking						
If locki	ng is activated, buttons E1 and E2 are Interlock	e disabled. Single E1: interlock	1 bit	C, R, W, U		
57	Interioek	Single L1. Interfock	DPT 1.003	C, N, W, O		
0 = Dea 1 = Act	Telegram value:         0 = Deactivate locking         1 = Activate locking         If locking is activated, button E1 is disabled.					
98	LED On/Off	Pair E: LED E1 On/Off	1 bit DPT 1.001	C, W, U		
0 = Off 1 = On	Telegram value: 0 = Off					
98	LED On/Off	Pair E: LED On/Off	1 bit DPT 1.001	C, W, U		
Telegram value:         0 = Off         1 = On         It allows control of the switching on and off of the LED associated with button pair E.         Some touch switch models do not have an LED for each button, which means the LED is shared by the two buttons of the same group. This object enables their switching on and off to be controlled.						
98	LED On/Off	Single E1: LED On/Off	1 bit DPT 1.001	C, W, U		
Telegram value:         0 = Off         1 = On         It allows control of the switching on and off of the LED associated with button E1.						
99	LED On/Off	Pair E: LED E2 On/Off	1 bit DPT 1.001	C, W, U		
Telegram value:         0 = Off         1 = On         It allows control of the switching on and off of the LED associated with button E2.						

No.	Function	Name of the object group	Data type	Flags		
99	LED On/Off	Single E2: LED On/Off	1 bit DPT 1.001	C, W, U		
	am value:					
0 = Off 1 = On						
1 = On						
It allov	vs control of the switching on and off	of the LED associated with button E2.				
100	Dimming On/Off	Pair E: dimming On/Off	1 bit DPT 1.001	C, R, T		
	am value:					
0 = Off						
1 = On						
It allov	vs control of the switching on and off	of a dimming control device.				
100	Step/Stop	Pair E: shutters Step/Stop (short	1 bit	C, R, T		
	•	touch)	DPT 1.007			
	<b>am value:</b> p/step up					
	p/step down					
		epping down of a shutter control device.				
100	Dimming On/Off	Single E1: dimming On/Off	1 bit DPT 1.001	C, R, T		
Telegra	am value:		DF1 1.001			
0 = Off						
1 = On						
It allow	vs control of the switching on and off	of a dimming control dovice				
100	Step/Stop	Single E1: shutters Step/Stop (short	1 bit	C, R, T		
		touch)	DPT 1.007	0,, .		
	am value:					
	p/step up p/step down					
1 - 310	p/step down					
It cont	rols the stopping, stepping up and ste	epping down of a shutter control device.				
101	Dimming	Pair E: dimming	4 bit	C, R, T		
Tologr	am value:		DPT 3.007			
	tion status.					
-0						
	vs control of the regulation of a dimn					
See pa 101	rameter type 3.007 Dimming control Up/Down	Pair E: shutters Up/Down	1 bit	C, R, T		
101			DPT 1.008	C, N, T		
Telegr	am value:		I			
0 = Up						
1 = Do	wn					
It allov	It allows the raising/lowering control of a shutter control device.					
101	Dimming	Single E1: dimming	4 bit	C, R, T		
			DPT 3.007			
Telegram value:						
Regulation status.						
It allows control of the regulation of a dimming control device.						
	rameter type 3.007 Dimming control					
101	Up/Down	Single E1: shutters Up/Down	1 bit DPT 1.008	C, R, T		
Telegra	am value:		DF1 1.000			
	0 = Up					
1 = Do	1 = Down					
It allows the raising /lowering control of a chutter control dovice						
I IL AIIOV	It allows the raising/lowering control of a shutter control device.					

No.	Function	Name of the object group	Data type	Flags	
102	Short switch	Single E1: short switch	1 bit DPT 1.001	C, R, T	
Telegra 0 = Off	Telegram value:				
	1 = On				
It allov	vs control of the switching on and off	of a compatible device upon detecting a	short touch.		
102	Switch on touch	Single E1: Touch	1 bit DPT 1.001	C, R, T	
	am value:		5111.001		
0 = Off 1 = On					
		· · · · · · · · · · · · · · · · · · ·		h a al	
102	Toggle on touch	of a compatible device upon detecting the Single E1: Touch	1 bit	C, R, T	
Talaar			DPT 1.001		
0 = Off	am value:				
1 = On					
		off of a compatible device upon detect	ting that the button	is touched. It	
change 103	es the status every time the button is Long switch	touched. Single E1: long switch	1 bit	C, R, T	
			DPT 1.001	C, N, 1	
Telegra 0 = Off	am value:				
1 = On					
It allov	vs control of the switching on and of	of a compatible device upon detecting a	long touch		
103	Switch on release	Single E1: Release	1 bit	C, R, T	
Talagr			DPT 1.001		
0 = Off	am value:				
1 = On					
It allov	vs control of the switching on and of	of a compatible device upon detecting t	hat the button has be	en released.	
104	Send scene	Single E1: Send scene	1 Byte DPT 18.001	C, R, T	
Telegr	am value:		DF1 18.001		
0-63	-> Execute scene 91 -> Save scene				
120-13	JI -> Save scelle				
It allov	vs scenes to be controlled. Scene LED	Single E1: Scene feedback LED	1 Duto	C 14/ 11	
105	Scene LED	Single E1: Scene leeuback LED	1 Byte DPT 18.001	C, W, U	
0	am value:				
Active scene.					
If it is read that the active scene is the same as the scene configured for this button, the LED is activated. If a value other than the configured scene is received, the LED switches off.					
106	Send on touch	Single E1: Send percent	1 Byte	C, R, T	
<b>T</b> .1			DPT 5.001		
Telegram value: Percentage.					
106	dicated value is sent when the buttor Send on touch	Single E1: Send degree	1 Byte	C, R, T	
			DPT 5.003		
-	<b>am value:</b> on degrees.				
The indicated value is sent when the button is touched.					

NI -	From states a	Normal of the state of success	Data tama	El
No.	Function	Name of the object group	Data type	Flags
106	Send on touch	Single E1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
	am value:			
8 bit va				
106	dicated value is sent when the button Send on short		1 Duto	CDT
		Single E1: Send percent	1 Byte DPT 5.001	C, R, T
-	am value:			
Percen	t touch sends the indicated value.			
106	Send on short	Single E1: Send degree	1 Byte DPT 5.003	C, R, T
Telegra	am value:		DP1 5.005	
	on degrees.			
A shor	t touch sends the indicated value.		1	
106	Send on short	Single E1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
-	am value:			
8 bit va	alue.			
	t touch sends the indicated value.	1		I
107	Send on touch	Single E1: Send temperature	2 Bytes DPT 9.001	C, R, T
-	am value:			
-	erature in DPT 9.001 format.			
The inc <b>107</b>	dicated value is sent when the button Send on touch	n is touched. Single E1: Send 16 bit value	2 Dutos	СРТ
-		Single E1: Send 16 bit Value	2 Bytes DPT 7.001	C, R, T
Telegra 16 bit v	am value:			
	dicated value is sent when the butto	a is touched		
107	Send on short	Single E1: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
	am value:			
	erature in DPT 9.001 format.			
A shor	t touch sends the indicated value. Send on short	Single E1: Send 16 bit value	2 Bytes	СРТ
-		Single E1. Send 16 bit value	DPT 7.001	C, R, T
Telegra 16 bit	am value:			
	t touch sends the indicated value.			
108	Send on release	Single E1: Send percent	1 Byte DPT 5.001	C, R, T
Telegra Percen	am value:			
	-			
The inc <b>108</b>	dicated value is sent when the button Send on release	n is released. Single E1: Send degree	1 Byte	C, R, T
		Single L1. Send degree	DPT 5.003	С, К, Т
-	am value:			
кotatio	on degrees.			
The inc	dicated value is sent when the butto	n is released.		

No.	Function	Name of the object group	Data type	Flags		
108	Send on release	Single E1: Send 8 bit value	1 Byte DPT 5.010	C, R, T		
Telegr	am value:	1				
8 bit v	alue.					
The in	dicated value is sent when the buttor	n is released.				
108	Send on long	Single E1: Send percent	1 Byte	C, R, T		
Talagr			DPT 5.001			
-	Telegram value: Percentage.					
	-					
A long 108	touch sends the indicated value.	Cincle E1. Cond domas	1.0	CDT		
108	Send on long	Single E1: Send degree	1 Byte DPT 5.003	C, R, T		
-	am value:	•				
Rotati	on degrees.					
A long	touch sends the indicated value.					
108	Send on long	Single E1: Send 8 bit value	1 Byte	C, R, T		
			DPT 5.010			
7elegr 8 bit v	am value:					
o sie v						
	touch sends the indicated value.		1			
109	Send on release	Single E1: Send temperature	2 Bytes DPT 9.001	C, R, T		
Telegr	am value:		DF1 5.001			
Tempe	erature in DPT 9.001 format.					
The in	dicated value is sent when the buttor	n is released				
109	Send on release	Single E1: Send 16 bit value	2 Bytes	C, R, T		
			DPT 7.001	-/ /		
Telegr 16 bit	am value:					
10 01	value.					
The in	dicated value is sent when the buttor		1			
109	Send on long	Single E1: Send temperature	2 Bytes DPT 9.001	C, R, T		
Telegr	am value:		DP1 9.001			
	erature in DPT 9.001 format.					
Along	touch conduithe indicated value					
101g	touch sends the indicated value. Send on long	Single E1: Send 16 bit value	2 Bytes	C, R, T		
			DPT 7.001	-,,.		
-	am value:					
16 bit	value.					
A long	touch sends the indicated value.					
110	Interlock	Single E2: interlock	1 bit	C, R, W, U		
Telegr	am value:		DPT 1.003			
-	activate locking					
1 = Act	tivate locking					
If locki	ng is activated, button E2 is disabled					
111	Short switch	Single E2: short switch	1 bit	C, R, T		
			DPT 1.001			
Telegr 0 = Of	am value:					
0 = 0fi 1 = 0n						
It allow	vs control of the switching on and of	f of a compatible device upon detecting a	a short touch.			

No.	Function	Name of the object group	Data type	Flags
111	Switch on touch	Single E2: Touch	1 bit DPT 1.001	C, R, T
	am value:		·	
0 = Off 1 = On				
It allov 111	vs control of the switching on and off Toggle on touch	of a compatible device upon detecting the Single E2: Touch	hat the button is touc	hed. C, R, T
			DPT 1.001	0, 1, 1
Telegra 0 = Off	am value:			
1 = On				
It allow	ws control of the switching on and	off of a compatible device upon detect	ing that the button	is touched. It
	es the status every time the button is			is touched. It
112	Long switch	Single E2: long switch	1 bit DPT 1.001	C, R, T
-	am value:			1
0 = Off 1 = On				
_				
It allov	vs control of the switching on and off Switch on release	of a compatible device upon detecting a Single E2: Release	long touch. 1 bit	C, R, T
112	Switch of release	Single L2. Nelease	DPT 1.001	С, К, Т
Telegra 0 = Off	am value:			
1 = On				
14 - 11				
113	vs control of the switching on and off	of a compatible device upon detecting the Single E2: Send scene	hat the button has be	C, R, T
		5	DPT 18.001	
Telegra 0-63	am value: -> Execute scene			
	91 -> Save scene			
It allow	vs scenes to be controlled.			
114	Scene LED	Single E2: Scene feedback LED	1 Byte	C, W, U
Tologr	am value:		DPT 18.001	
Active				
If it is a	road that the active seens is the same	as the seens configured for this button	the LED is estimated	
	ue other than the configured scene is	e as the scene configured for this button, s received, the LED switches off.	the LED is activated.	
115	Send on touch	Single E2: Send percent	1 Byte	C, R, T
Telegra	am value:		DPT 5.001	
Percen				
The inc	dicated value is sent when the buttor	h is touched.		
115	Send on touch	Single E2: Send degree	1 Byte	C, R, T
Tologr			DPT 5.003	
-	<b>am value:</b> on degrees.			
	-	interrelated		
115	dicated value is sent when the buttor Send on touch	Single E2: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	-, ,
Telegra 8 bit va	am value: alue.			
The ind	dicated value is sent when the buttor	n is touched.		

No.	Function	Name of the object group	Data type	Flags
115	Send on short	Single E2: Send percent	1 Byte DPT 5.001	C, R, T
_	am value:			
Percer	-			
115	t touch sends the indicated value. Send on short	Single E2: Send degree	1 Byte	C, R, T
		0	DPT 5.003	0, 11, 1
-	am value:			
	on degrees. t touch sends the indicated value.			
115	Send on short	Single E2: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
_	am value:			
8 bit va	alue.			
A shor	t touch sends the indicated value.			
116	Send on touch	Single E2: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
	<b>am value:</b> erature in DPT 9.001 format.			
rempe				
The in	dicated value is sent when the buttor	n is touched.		
116	Send on touch	Single E2: Send 16 bit value	2 Bytes	C, R, T
Telegr			DPT 7.001	
16 bit	am value: value			
10 510	value.			
The in	dicated value is sent when the buttor			1
116	Send on short	Single E2: Send temperature	2 Bytes	С, R, Т
Tologr	am value:		DPT 9.001	
-	erature in DPT 9.001 format.			
	t touch sends the indicated value.			
116	Send on short	Single E2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr	am value:		DF17.001	
16 bit				
	t touch sends the indicated value.	Circle 52. Conducerent	4.0.4	
117	Send on release	Single E2: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:		0110.001	
Percer				
1 he inc 117	dicated value is sent when the buttor Send on release	Single E2: Send degree	1 Byte	C, R, T
117	Selia on release	Single L2. Send degree	DPT 5.003	С, К, Т
Telegr	am value:	1		
Rotatio	on degrees.			
The in	diastad value is contructed the butter	a is released		
117	dicated value is sent when the buttor Send on release	Single E2: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	0,, .
Telegr	am value:	•		·
8 bit va	alue.			
The in	dicated value is sent when the buttor	h is released		
ine illi	aleated value is sent when the Dullo			

No.	Function	Name of the object group	Data type	Flags
117	Send on long	Single E2: Send percent	1 Byte DPT 5.001	C, R, T
-	am value:			
Percer	-			
	touch sends the indicated value.	Cingle F2: Cound dograp	1 Dute	CDT
117	Send on long	Single E2: Send degree	1 Byte DPT 5.003	C, R, T
-	am value:			
	on degrees.			
A long 117	touch sends the indicated value. Send on long	Single E2: Send 8 bit value	1 Byte	C, R, T
117	Schubinong		DPT 5.010	C, N, 1
-	am value:			
8 bit v	alue.			
A long	touch sends the indicated value.			
118	Send on release	Single E2: Send temperature	2 Bytes DPT 9.001	C, R, T
	am value:			
Tempe	erature in DPT 9.001 format.			
The in	dicated value is sent when the buttor	n is released.		
118	Send on release	Single E2: Send 16 bit value	2 Bytes	C, R, T
Telegr	am value:		DPT 7.001	
16 bit				
Tho in	dicated value is sent when the buttor	his released		
118	Send on long	Single E2: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
-	<b>am value:</b> erature in DPT 9.001 format.			
	touch sends the indicated value.	Cincle 52: Cond 1C hitualue	2 Dutos	CDT
118	Send on long	Single E2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
-	am value:	•		4
16 bit	value.			
A long	touch sends the indicated value.			
119	Dimming On/Off	Single E2: dimming On/Off	1 bit DPT 1.001	C, R, T
Telegr	am value:		0111.001	
0 = Off				
1 = On				
It allov	vs control of the switching on and off	of a dimming control device.		
119	Step/Stop	Single E2: shutters Step/Stop (short touch)	1 bit DPT 1.007	C, R, T
Telegr	am value:		DIT 1.007	
	p/step up			
1 = Stc	pp/step down			
lt cont	rols the stopping, stepping up and st	epping down of a shutter control device.		
120	Dimming	Single E2: dimming	4 bit DPT 3.007	C, R, T
Telegr	am value:		DF1 3.007	
-	tion status.			
It allow	vs control of the regulation of a dimn	aing control device		
	rameter type 3.007 Dimming control	-		

120     Up/Down     Single E2: shutters Up/Down     1 bit       Telegram value:     0 = Up     0       1 = Down     0	e Flags				
0 = Up	C, R, T 8				
It allows the raising/lowering control of a shutter control device.	Telegram value: 0 = Up 1 = Down				

## 7.2.6. Button pair F objects

No.	Function	Name of the object group	Data type	Flags	
121	Interlock	Pair F: interlock	1 bit DPT 1.003	C, R, W, U	
	am value:				
	activate locking				
1 = AC1	tivate locking				
lf locki	If locking is activated, buttons F1 and F2 are disabled.				
121	Interlock	Single F1: interlock	1 bit	C, R, W, U	
			DPT 1.003		
-	am value:				
	activate locking				
1 = AC	tivate locking				
lf locki	ng is activated, button F1 is disabled.				
122	LED On/Off	Pair F: LED F1 On/Off	1 bit	C, W, U	
			DPT 1.001		
	am value:				
0 = Off					
1 = On					
It allov	vs control of the switching on and off	of the LED associated with button F1.			
122	LED On/Off	Pair F: LED On/Off	1 bit	C, W, U	
			DPT 1.001		
Telegram value:					
-					
0 = Off	f				
-	f				
0 = Off 1 = On	F	of the LED associated with button pair F			
0 = Off 1 = On It allow	r vs control of the switching on and off	of the LED associated with button pair F LED for each button, which means the L		vo buttons of	
0 = Off 1 = On It allow Some the sam	vs control of the switching on and off touch switch models do not have an me group. This object enables their su	LED for each button, which means the L witching on and off to be controlled.			
0 = Off 1 = On It allow Some	r vs control of the switching on and off touch switch models do not have an	LED for each button, which means the L	ED is shared by the ty	wo buttons of C, W, U	
0 = Off 1 = On It allow Some the sar <b>122</b>	r vs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off	LED for each button, which means the L witching on and off to be controlled.	ED is shared by the t		
0 = Off 1 = On It allow Some the sau 122 Telegr	rs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b>	LED for each button, which means the L witching on and off to be controlled.	ED is shared by the ty		
0 = Off 1 = On It allow Some - the sar <b>122</b> <b>Telegr</b> 0 = Off	rs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off am value:	LED for each button, which means the L witching on and off to be controlled.	ED is shared by the ty		
0 = Off 1 = On It allow Some the sau 122 Telegr	rs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off am value:	LED for each button, which means the L witching on and off to be controlled.	ED is shared by the ty		
0 = Off 1 = On It allov Some the sau 122 Telegr 0 = Off 1 = On	vs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off am value:	LED for each button, which means the L witching on and off to be controlled.	ED is shared by the ty		
0 = Off 1 = On It allov Some the sau 122 Telegr 0 = Off 1 = On	vs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off am value:	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off	ED is shared by the to 1 bit DPT 1.001 1 bit		
0 = Off 1 = On It allov Some - the sar 122 Telegr 0 = Off 1 = On It allov 123	vs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b> vs control of the switching on and off LED On/Off	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off of the LED associated with button F1.	ED is shared by the to 1 bit DPT 1.001	C, W, U	
0 = Off 1 = On It allov Some the sau 122 Telegr 0 = Off 1 = On It allov 123 Telegr	vs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b> vs control of the switching on and off LED On/Off <b>am value:</b>	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off of the LED associated with button F1.	ED is shared by the to 1 bit DPT 1.001 1 bit	C, W, U	
0 = Off 1 = On It allov Some the sar 122 Telegr 0 = Off 1 = On It allov 123 Telegr 0 = Off	vs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b> LED On/Off LED On/Off <b>am value:</b>	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off of the LED associated with button F1.	ED is shared by the to 1 bit DPT 1.001 1 bit	C, W, U	
0 = Off 1 = On It allov Some the sau 122 Telegr 0 = Off 1 = On It allov 123 Telegr	vs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b> LED On/Off LED On/Off <b>am value:</b>	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off of the LED associated with button F1.	ED is shared by the to 1 bit DPT 1.001 1 bit	C, W, U	
0 = Off 1 = On It allov Some - the sai 122 Telegr 0 = Off 1 = On It allov 123 Telegr 0 = Off 1 = On	rs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b> f LED On/Off LED On/Off <b>am value:</b>	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off of the LED associated with button F1.	ED is shared by the to 1 bit DPT 1.001 1 bit	C, W, U	
0 = Off 1 = On It allov Some - the sai 122 Telegr 0 = Off 1 = On It allov 123 Telegr 0 = Off 1 = On	rs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b> f LED On/Off LED On/Off <b>am value:</b>	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off of the LED associated with button F1. Pair F: LED F2 On/Off	ED is shared by the to 1 bit DPT 1.001 1 bit	C, W, U	
0 = Off 1 = On It allov Some - the sai 122 Telegr 0 = Off 1 = On It allov 123 Telegr 0 = Off 1 = On	rs control of the switching on and off touch switch models do not have an me group. This object enables their sy LED On/Off <b>am value:</b> f LED On/Off LED On/Off <b>am value:</b>	LED for each button, which means the L witching on and off to be controlled. Single F1: LED On/Off of the LED associated with button F1. Pair F: LED F2 On/Off	ED is shared by the to 1 bit DPT 1.001 1 bit	C, W, U	

No.	Function	Name of the object group	Data type	Flags		
123	LED On/Off	Single F2: LED On/Off	1 bit DPT 1.001	C, W, U		
-	am value:					
0 = Off						
1 = On						
It allow	vs control of the switching on and off	of the LED associated with button F2.				
124	Dimming On/Off	Pair F: dimming On/Off	1 bit DPT 1.001	C, R, T		
Telegra	Telegram value:					
	0 = Off					
1 = On						
It allow	vs control of the switching on and off	of a dimming control device				
124	Step/Stop	Pair F: shutters Step/Stop (short	1 bit	C, R, T		
		touch)	DPT 1.007	, ,		
	am value:					
	p/step up					
1 = Sto	p/step down					
It cont	rols the stanning stenning up and ste	epping down of a shutter control device.				
124	Dimming On/Off	Single F1: dimming On/Off	1 bit	C, R, T		
			DPT 1.001	0, 11, 1		
Telegra	am value:					
0 = Off						
1 = On						
It allow	us control of the switching on and off	of a dimming control dovice				
124	vs control of the switching on and off Step/Stop	Single F1: shutters Step/Stop (short	1 bit	C, R, T		
124	Step/Stop	touch)	DPT 1.007	С, К, Т		
Telegra	am value:	,		L		
	p/step up					
1 = Sto	p/step down					
It cont	role the stanning stanning up and st	epping down of a shutter control device.				
125	Dimming	Pair F: dimming	4 bit	C, R, T		
125	Dimining		DPT 3.007	C, N, T		
Telegra	am value:					
Regula	tion status.					
	vs control of the regulation of a dimm					
See pa	rameter type 3.007 Dimming control Up/Down	Pair F: shutters Up/Down	1 bit	C, R, T		
125			DPT 1.008	С, К, Т		
Telegra	am value:					
0 = Up						
1 = Do	wn					
It allow	vs the raising/lowering control of a sh	nuttor control dovice				
125	Dimming	Single F1: dimming	4 bit	C, R, T		
125	Dimining	Single 11. uninning	DPT 3.007	С, К, Т		
Telegra	am value:		2 0.007			
-	tion status.					
	vs control of the regulation of a dimm	-				
	rameter type 3.007 Dimming control		1 hit	СРТ		
125	Up/Down	Single F1: shutters Up/Down	1 bit DPT 1.008	С, R, Т		
Telegra	am value:		5.11.000			
0 = Up						
1 = Do						
It allow	It allows the raising/lowering control of a shutter control device.					

No.	Function	Name of the object group	Data type	Flags	
126	Short switch	Single F1: short switch	1 bit DPT 1.001	C, R, T	
Telegr 0 = Off	am value:				
1 = On					
It allow	vs control of the switching on and off	f of a compatible device upon detecting a	short touch.		
126	Switch on touch	Single F1: Touch	1 bit DPT 1.001	C, R, T	
Telegr	am value:				
1 = On					
It allov	vs control of the switching on and of	f of a compatible device upon detecting t	hat the button is touc	hed.	
126	Toggle on touch	Single F1: Touch	1 bit	C, R, T	
Telegr	am value:		DPT 1.001		
0 = Off	-				
1 = On					
		off of a compatible device upon detect	ting that the button	is touched. It	
change 127	es the status every time the button is Long switch	Single F1: long switch	1 bit	C, R, T	
	-		DPT 1.001	-,,.	
Telegr 0 = Off	am value:				
1 = On					
It allow	vs control of the switching on and off	f of a compatible device upon detecting a	long touch		
127	Switch on release	Single F1: Release	1 bit	C, R, T	
Talagr			DPT 1.001		
0 = Off	am value:				
1 = On					
It allow	vs control of the switching on and off	f of a compatible device upon detecting t	hat the button has be	en released.	
128	Send scene	Single F1: Send scene	1 Byte	C, R, T	
Telegr	am value:		DPT 18.001		
0-63	-> Execute scene				
128-19	91 -> Save scene				
	vs scenes to be controlled.			-	
129	Scene LED	Single F1: Scene feedback LED	1 Byte DPT 18.001	C, W, U	
0	am value:				
Active	scene.				
		e as the scene configured for this button,	the LED is activated.		
If a val 130	ue other than the configured scene is Send on touch	s received, the LED switches off. Single F1: Send percent	1 Byte	C, R, T	
		Single 11. Sena percent	DPT 5.001	С, К, Т	
Telegr Percer	am value:				
reicei	itage.				
	dicated value is sent when the buttor		1 Puto	СРТ	
130	Send on touch	Single F1: Send degree	1 Byte DPT 5.003	C, R, T	
-	am value:				
KOTATIO	on degrees.				
The in	The indicated value is sent when the button is touched.				

No.	Function	Name of the object group	Data type	Flags
130	Send on touch	Single F1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
	am value:			
8 bit v				
130	dicated value is sent when the buttor Send on short	Single F1: Send percent	1 Byte	C, R, T
		Single F1. Send percent	DPT 5.001	С, К, Т
	am value:			
Percer	itage. t touch sends the indicated value.			
130	Send on short	Single F1: Send degree	1 Byte DPT 5.003	C, R, T
Telegr	am value:			<b>I</b>
	on degrees.			
	t touch sends the indicated value.	Circle 54, Cond O bit value	4.0.4.	
130	Send on short	Single F1: Send 8 bit value	1 Byte DPT 5.010	C, R, T
<b>Telegr</b> 8 bit v	<b>am value:</b> alue.			
A shor	t touch sends the indicated value.			
131	Send on touch	Single F1: Send temperature	2 Bytes	C, R, T
Talagr			DPT 9.001	
-	<b>am value:</b> erature in DPT 9.001 format.			
The in	dicated value is sent when the buttor	n is touched.		
131	Send on touch	Single F1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr 16 bit	am value: value			
The in 131	dicated value is sent when the buttor Send on short	Single F1: Send temperature	2 Bytes	C, R, T
131		Single F1. Send temperature	DPT 9.001	С, К, Т
-	am value:			
Tempe	erature in DPT 9.001 format.			
A shor	t touch sends the indicated value.			
131	Send on short	Single F1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
-	am value:			
16 bit	value.			
A shor	t touch sends the indicated value.			
132	Send on release	Single F1: Send percent	1 Byte DPT 5.001	C, R, T
-	am value:	•		
Percer	-			
The in 132	dicated value is sent when the buttor Send on release	single F1: Send degree	1 Byte	C, R, T
152	Send on release	Single F1. Send degree	DPT 5.003	С, К, Т
-	am value:			
Rotati	on degrees.			
The in	dicated value is sent when the buttor	n is released.		

No.	Function	Name of the object group	Data type	Flags	
132	Send on release	Single F1: Send 8 bit value	1 Byte DPT 5.010	C, R, T	
<b>Telegr</b> 8 bit v	am value: alue				
	dicated value is sent when the butto	n is released			
132	Send on long	Single F1: Send percent	1 Byte	C, R, T	
Telegr	am value:		DPT 5.001		
Percer					
Along	touch sends the indicated value.				
132	Send on long	Single F1: Send degree	1 Byte	C, R, T	
Telegr	am value:		DPT 5.003		
-	on degrees.				
A long	touch sends the indicated value.				
132	Send on long	Single F1: Send 8 bit value	1 Byte	C, R, T	
Telegr	am value:		DPT 5.010		
8 bit v					
Along	touch sends the indicated value.				
133	Send on release	Single F1: Send temperature	2 Bytes	C, R, T	
Telegr	am value:		DPT 9.001		
-	erature in DPT 9.001 format.				
The in	dicated value is sent when the butto	n is released			
133	Send on release	Single F1: Send 16 bit value	2 Bytes	C, R, T	
Telegr	am value:		DPT 7.001		
16 bit					
The in	dicated value is sent when the butto	n is released			
133	Send on long	Single F1: Send temperature	2 Bytes	C, R, T	
Telegr	am value:		DPT 9.001		
	erature in DPT 9.001 format.				
A long	touch sends the indicated value.				
133	Send on long	Single F1: Send 16 bit value	2 Bytes	C, R, T	
Telegr	am value:		DPT 7.001		
16 bit					
A long	touch sends the indicated value.				
134	Interlock	Single F2: interlock	1 bit	C, R, W, U	
Telegr	am value:		DPT 1.003		
0 = De	activate locking				
1 = Act	tivate locking				
If locki	ng is activated, button F2 is disabled		1	•	
135	Short switch	Single D2: short switch	1 bit DPT 1.001	C, R, T	
-	am value:		5111.001		
0 = Of 1 = On					
It allow	vs control of the switching on and of	of a compatible device upon detecting	a short touch.		
I					

No.	Function	Name of the object group	Data type	Flags
135	Switch on touch	Single F2: Touch	1 bit DPT 1.001	C, R, T
Telegra 0 = Off	am value:			
1 = On				
14 - 11				la a d
11 allov	vs control of the switching on and off Toggle on touch	of a compatible device upon detecting the Single F2: Touch	1 bit	ned. C, R, T
			DPT 1.001	0, 1, 1
Telegra 0 = Off	am value:			
1 = On				
It allow	us control of the switching on and	off of a compatible device upon detect	ing that the button	is touched It
	es the status every time the button is	off of a compatible device upon detect touched.	ing that the button	is touched. It
136	Long switch	Single F2: long switch	1 bit	C, R, T
Telegr	am value:		DPT 1.001	
0 = Off				
1 = On				
It allov	vs control of the switching on and off	of a compatible device upon detecting a	long touch.	
136	Switch on release	Single F2: Release	1 bit	C, R, T
Talagr			DPT 1.001	
0 = Off	am value:			
1 = On				
It allov	vs control of the switching on and off	of a compatible device upon detecting t	hat the button has be	en released
137	Send scene	Single F2: Send scene	1 Byte	C, R, T
			DPT 18.001	
Telegra 0-63	am value: -> Execute scene			
128-19	01 -> Save scene			
It allow	vs scenes to be controlled.			
138	Scene LED	Single F2: Scene feedback LED	1 Byte	C, W, U
		-	DPT 18.001	
Telegra Active	am value: scene			
		e as the scene configured for this button,	the LED is activated.	
139	ue other than the configured scene is Send on touch	Single F2: Send percent	1 Byte	C, R, T
			DPT 5.001	-, ,
-	am value:			
Percen	παξτ.			
	dicated value is sent when the buttor			
139	Send on touch	Single F2: Send degree	1 Byte DPT 5.003	C, R, T
Telegra	am value:		2710.000	
Rotatio	on degrees.			
The indicated value is sent when the button is touched.				
139	Send on touch	Single F2: Send 8 bit value	1 Byte	C, R, T
Talagr			DPT 5.010	
8 bit va	<b>am value:</b> alue.			
The ind	dicated value is sent when the buttor	n is touched.		

139       Send on short       Single F2: Send percent       1 Byte DPT 5.001       C, R, T         Telegram value: Percentage.       A short touch sends the indicated value.       Image: C, R, T       Image: C, R, T         139       Send on short       Single F2: Send degree       1 Byte DPT 5.003       C, R, T         Telegram value: Rotation degrees.       A short touch sends the indicated value.       Image: C, R, T       Image: C, R, T         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value: Rotation degrees.       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value: Rotation degrees       Send on touch       Single F2: Send temperature       2 Bytes       C, R, T         140       Send on touch       Single F2: Send 16 bit value       2 Bytes       C, R, T	d degree 1 Byte C, R, T DPT 5.003 C, R, T DPT 5.003 C, R, T DPT 5.010 C, R, T DPT 5.010 C, R, T
Percentage.         A short touch sends the indicated value.         139       Send on short       Single F2: Send degree       1 Byte DPT 5.003       C, R, T         Telegram value:       Rotation degrees.       A short touch sends the indicated value.       Image: C, R, T       DPT 5.010       C, R, T         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value:       8 bit value.       A short touch sends the indicated value.       Image: C, R, T       DPT 5.010       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         140       Send on touch       Single F2: Send temperature       DPT 9.001       C, R, T         Telegram value:       Telegram value:       Telegram value:       C, R, T       DPT 9.001       C, R, T         140       Send on touch       Single F2: Send temperature       DPT 9.001       C, R, T         The indicated value is sent when the button is touched.       The indicated value is sent when the button is touched.       The indicated value is sent when the button is touched.	d 8 bit value 1 Byte C, R, T DPT 5.010 C, R, T 2 Bytes C, R, T
A short touch sends the indicated value.         139       Send on short       Single F2: Send degree       1 Byte DPT 5.003       C, R, T         Telegram value:       Rotation degrees.       A short touch sends the indicated value.       I Byte DPT 5.010       C, R, T         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value:       8 bit value.       A short touch sends the indicated value.       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       Telegram value.       C, R, T       DPT 9.001         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       Telegram value:       C, R, T       DPT 9.001       C, R, T	d 8 bit value 1 Byte C, R, T DPT 5.010 C, R, T 2 Bytes C, R, T
139       Send on short       Single F2: Send degree       1 Byte DPT 5.003       C, R, T         Telegram value:       Rotation degrees.       A short touch sends the indicated value.       I Byte DPT 5.000       C, R, T         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value:       8 bit value.       A short touch sends the indicated value.       DPT 5.010       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       Telegram value:       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       Telegram value:       T       T         Telegram value:       Telegram value:       T       T       T         Telegram value:       T       T       T       T         Telegram value in DPT 9.001 format.       T       T       T	d 8 bit value 1 Byte C, R, T DPT 5.010 C, R, T 2 Bytes C, R, T
Telegram value:       DPT 5.003         Rotation degrees.       A short touch sends the indicated value.         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value:       8 bit value.       A short touch sends the indicated value.       C, R, T         4 short touch sends the indicated value.       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       Telegram value:       C, R, T       DPT 9.001         Telegram value:       Telegram value:       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         The indicated value is sent when the button is touched.       The indicated value is sent when the button is touched.       C       C	d 8 bit value 1 Byte C, R, T DPT 5.010 C, R, T 2 Bytes C, R, T
Rotation degrees.         A short touch sends the indicated value.         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value:       8 bit value.       A short touch sends the indicated value.       Image: C, R, T       Image: C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       C, R, T       Telegram value:       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       Telegram value:       C, R, T       DPT 9.001       C, R, T         The indicated value is sent when the button is touched.       The indicated value is sent when the button is touched.       E       E	DPT 5.010 d temperature 2 Bytes C, R, T
A short touch sends the indicated value.         139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value:       8 bit value.       DPT 5.010       C, R, T         8 bit value.       A short touch sends the indicated value.       C, R, T         140       Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       C, R, T       DPT 9.001       C, R, T         Telegram value:       Telegram value:       The indicated value is sent when the button is touched.       E       E	DPT 5.010 d temperature 2 Bytes C, R, T
139       Send on short       Single F2: Send 8 bit value       1 Byte DPT 5.010       C, R, T         Telegram value:       8 bit value.       DPT 5.010       C       R, T         A short touch sends the indicated value.       Image: Send on touch       Single F2: Send temperature       2 Bytes DPT 9.001       C, R, T         Telegram value:       Telegram value:       Image: DPT 9.001       C, R, T       DPT 9.001       C, R, T         Telegram value:       Temperature in DPT 9.001 format.       The indicated value is sent when the button is touched.       Image: DPT 9.001       Image: DPT 9.001       Image: DPT 9.001	DPT 5.010 d temperature 2 Bytes C, R, T
8 bit value.         A short touch sends the indicated value.         140       Send on touch       Single F2: Send temperature       2 Bytes       C, R, T         DPT 9.001         Telegram value:         Temperature in DPT 9.001 format.         The indicated value is sent when the button is touched.	
A short touch sends the indicated value.         140       Send on touch       Single F2: Send temperature       2 Bytes       C, R, T         DPT 9.001       DPT 9.001       DPT 9.001       C         Telegram value:       Temperature in DPT 9.001 format.       The indicated value is sent when the button is touched.	
140     Send on touch     Single F2: Send temperature     2 Bytes DPT 9.001     C, R, T       Telegram value: Temperature in DPT 9.001 format.       The indicated value is sent when the button is touched.	
Telegram value:       Temperature in DPT 9.001 format.       The indicated value is sent when the button is touched.	
Temperature in DPT 9.001 format. The indicated value is sent when the button is touched.	
The indicated value is sent when the button is touched.	
140 Send on fouch I Single F7: Send 16 bit value I / Bytes I ( R I	
DPT 7.001	
Telegram value:	
16 bit value.	
The indicated value is sent when the button is touched.	
140         Send on short         Single F2: Send temperature         2 Bytes         C, R, T           DPT 9.001         DPT 9.001         DPT 9.001         DPT 9.001         DPT 9.001	
Telegram value: Temperature in DPT 9.001 format.	
A short touch sends the indicated value.         140       Send on short       Single F2: Send 16 bit value       2 Bytes       C, R, T	1 16 hit value 2 Bytes C. P. T.
DPT 7.001	
Telegram value:	
16 bit value.	
A short touch sends the indicated value.	
141     Send on release     Single F2: Send percent     1 Byte     C, R, T       DPT 5.001     DPT 5.001     DPT 5.001     DPT 5.001	
Telegram value:	· · ·
Percentage.	
The indicated value is sent when the button is released.	
141         Send on release         Single F2: Send degree         1 Byte         C, R, T           DPT 5.003         DPT 5.003         DPT 5.003         DPT 5.003         DPT 5.003	degree 1 Byte C R T
Telegram value:	, , , , , , , , , , , , , , , , , , , ,
Rotation degrees.	DPT 5.003
The indicated value is sent when the button is released.	, , , , , , , , , , , , , , , , , , , ,
141     Send on release     Single F2: Send 8 bit value     1 Byte     C, R, T       DPT 5.010     DPT 5.010	DPT 5.003
Telegram value:	DPT 5.003           1 8 bit value         1 Byte         C, R, T
8 bit value.	DPT 5.003           1 8 bit value         1 Byte         C, R, T
The indicated value is sent when the button is released.	DPT 5.003           1 8 bit value         1 Byte         C, R, T
	DPT 5.003           1 8 bit value         1 Byte         C, R, T
	DPT 5.003           1 8 bit value         1 Byte         C, R, T

No.	Function	Name of the object group	Data type	Flags
141	Send on long	Single F2: Send percent	1 Byte DPT 5.001	C, R, T
-	am value:			
Percen	-			
A long 141	touch sends the indicated value. Send on long	Single F2: Send degree	1 Byte	C, R, T
141	Send off long	Single F2. Send degree	DPT 5.003	С, К, Т
	am value:			
	on degrees.			
A long 141	touch sends the indicated value. Send on long	Single F2: Send 8 bit value	1 Byte	C, R, T
141	Send off long	Single F2. Send o bit value	DPT 5.010	С, К, Т
-	am value:			
8 bit va	alue.			
A long	touch sends the indicated value.			-
142	Send on release	Single F2: Send temperature	2 Bytes DPT 9.001	C, R, T
Telegr	am value:		DI 1 3.001	
Tempe	erature in DPT 9.001 format.			
The inc	dicated value is sent when the buttor	n is released.		
142	Send on release	Single F2: Send 16 bit value	2 Bytes	C, R, T
Talaan			DPT 7.001	
16 bit	<b>am value:</b> value.			
The inc 142	dicated value is sent when the buttor Send on long	n is released. Single F2: Send temperature	2 Bytes	C, R, T
142	Send officing	Single rz. sena temperature	DPT 9.001	С, К, І
-	am value:			
Tempe	erature in DPT 9.001 format.			
A long	touch sends the indicated value.		-	
142	Send on long	Single F2: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegra	am value:		DF17.001	
16 bit				
A long	touch sends the indicated value.			
143	Dimming On/Off	Single F2: dimming On/Off	1 bit	C, R, T
			DPT 1.001	
Telegra 0 = Off	am value:			
1 = On				
It allow	vs control of the switching on and off	of a dimming control dovice		
143	Step/Stop	Single F2: shutters Step/Stop (short	1 bit	C, R, T
		touch)	DPT 1.007	
	<b>am value:</b> pp/step up			
	pp/step down			
lt cont	role the stanning stanning up and st	opping down of a shuttor control dovice		
144	Dimming	epping down of a shutter control device. Single F2: dimming	4 bit	C, R, T
	_		DPT 3.007	
	<b>am value:</b> ition status.			
перина	nion status.			
	vs control of the regulation of a dimn rameter type 3.007 Dimming control	-		
JUC Pa	rameter type 5.007 Dimining control	•		

No.	Function	Name of the object group	Data type	Flags		
144	Up/Down	Single F2: shutters Up/Down	1 bit DPT 1.008	C, R, T		
•	Telegram value:					
	0 = Up					
1 = Down It allows the raising/lowering control of a shutter control device.						

## 7.2.7. Single button 1 objects

145	Interlock	Single 1: interlock	1 bit DPT 1.003	C, R, W, U
0 = Dea 1 = Act	<b>am value:</b> activate locking :ivate locking ng is activated, single button 1 is disa	abled		
146	LED On/Off	Single 1: LED On/Off	1 bit DPT 1.001	C, W, U
0 = Off 1 = On		f of the LED associated with single button	1.	
147	Short switch	Single 1: short switch	1 bit DPT 1.001	C, R, T
0 = Off 1 = On		f of a compatible device upon detecting a	short touch.	
147	Switch on touch	Single 1: Touch	1 bit DPT 1.001	C, R, T
0 = Off 1 = On		f of a compatible device upon detecting t	hat the button is touc	hed.
147	Toggle on touch	Single 1: Touch	1 bit DPT 1.001	C, R, T
0 = Off 1 = On It allow		off of a compatible device upon detects touched.	ting that the button	is touched. It
148	Long switch	Single 1: long switch	1 bit DPT 1.001	C, R, T
0 = Off 1 = On		f of a compatible device upon detecting a		
148	Switch on release	Single 1: Release	1 bit DPT 1.001	C, R, T
0 = Off 1 = On		f of a compatible device upon detecting t	hat the button has be	en released.

### e-Bus coupling KNX

149	Send scene	Single 1: Send scene	1 Byte DPT 18.001	C, R, T
	am value:	•		
0-63	-> Execute scene 31 -> Save scene			
120-13	JI -> Save scene			
	vs scenes to be controlled.			
150	Scene LED	Single 1: Scene feedback LED	1 Byte DPT 18.001	C, W, U
Telegr	am value:			
Active	scene.			
If it is	read that the active scene is the sa	me as the scene configured for this bu	tton, the LED is activate	۰d.
	ue other than the configured scen	e is received, the LED switches off.		
151	Send on touch	Single 1: Send percent	1 Byte	C, R, T
Telegr	am value:		DPT 5.001	
Percer				
<b>Tha</b> :				
151	dicated value is sent when the but	Single 1: Send degree	1 Byte	C, R, T
			DPT 5.003	0, 1, 1
-	am value:			
Rotati	on degrees.			
The in	dicated value is sent when the but			
151	Send on touch	Single 1: Send 8 bit value	1 Byte	C, R, T
Telegr	am value:		DPT 5.010	
8 bit v				
<b>Tha</b> :				
151	dicated value is sent when the butt Send on short	Single 1: Send percent	1 Byte	C, R, T
			DPT 5.001	0,, .
	am value:			
Percer	itage.			
A shor	t touch sends the indicated value.			1
151	Send on short	Single 1: Send degree	1 Byte	C, R, T
Telegr	am value:		DPT 5.003	
-	on degrees.			
A chor	t touch sends the indicated value.			
151	Send on short	Single 1: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
Telegr 8 bit v	am value:			
o bit v	alue.			
	t touch sends the indicated value.		I	
152	Send on touch	Single 1: Send temperature	2 Bytes DPT 9.001	C, R, T
Telegr	am value:		DF1 9.001	
Tempe	erature in DPT 9.001 format.			
Tho in	dicated value is sent when the but	ion is touched		
152	Send on touch	Single 1: Send 16 bit value	2 Bytes	C, R, T
		-	DPT 7.001	
Telegr 16 bit	am value:			
	ימועכ.			
The in	dicated value is sent when the but	ton is touched.		

### e-Bus coupling KNX

152	Send on short	Single 1: Send temperature	2 Bytes DPT 9.001	C, R, T
-	am value:			
	erature in DPT 9.001 format. t touch sends the indicated value.			
152	Send on short	Single 1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegr	am value:	1		
16 bit				
A shor 153	t touch sends the indicated value. Send on release	Single 1: Send percent	1 Byte	C, R, T
133	Selid Officiease	Single 1. Send percent	DPT 5.001	С, П, Т
Telegr	am value:	•		•
Percer	ntage.			
The in	dicated value is sent when the buttor	n is released		
153	Send on release	Single 1: Send degree	1 Byte	C, R, T
<b>T</b> .1.			DPT 5.003	
	<b>am value:</b> on degrees.			
The in	dicated value is sent when the buttor	n is released.		
153	Send on release	Single 1: Send 8 bit value	1 Byte	C, R, T
Tologr	am value:		DPT 5.010	
8 bit v				
	dicated value is sent when the button			
153	Send on long	Single 1: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:	1		
Percer	ntage.			
A long	touch sends the indicated value.			
153	Send on long	Single 1: Send degree	1 Byte DPT 5.003	C, R, T
-	am value:			
Rotati	on degrees.			
A long	touch sends the indicated value.			
153	Send on long	Single 1: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
Telegr 8 bit v	am value:			
	aiue.			
A long	touch sends the indicated value.			
154	Send on release	Single 1: Send temperature	2 Bytes DPT 9.001	C, R, T
Telegr	am value:		DP1 9.001	
	erature in DPT 9.001 format.			
The for	- March and a set of the second state of the set of the set			
154	dicated value is sent when the button Send on release	Single 1: Send 16 bit value	2 Bytes	C, R, T
134		Single 1. Send 10 Sit value	DPT 7.001	C, N, T
-	am value:			
16 bit	value.			
The in	dicated value is sent when the buttor	n is released		
. ne m	allowed value is sent when the bullo			

## e-Bus coupling KNX

Manual e-Bus coupling KNX

154	Send on long	Single 1: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
_	am value:			
Tempe	erature in DPT 9.001 format.			
A long	touch sends the indicated value.			
154	Send on long	Single 1: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
Telegra	am value:			
16 bit v	value.			
A long	touch sends the indicated value.			
155	Dimming On/Off	Single 1: dimming On/Off	1 bit	C, R, T
			DPT 1.001	
-	am value:			
0 = Off				
1 = On				
It allow	vs control of the switching on and off	of a dimming control device.		
155	Step/Stop	Single 1: shutters Step/Stop (short	1 bit	C, R, T
		touch)	DPT 1.007	
	am value:			
	p/step up			
1 = Sto	p/step down			
It cont	rols the stopping stepping up and st	epping down of a shutter control device.		
156	Dimming	Single 1: dimming	4 bit	C, R, T
	<u> </u>		DPT 3.007	
Telegra	am value:			
Regula	tion status.			
	vs control of the regulation of a dimn	-		
See pa	rameter type 3.007 Dimming control Up/Down	Single 1: shutters Up/Down	1 bit	C, R, T
150		Single 1. shutters op/Down	DPT 1.008	С, К, Т
Telegra	am value:			
0 = Up				
1 = Dov	wn			
It allow	vs the raising/lowering control of a sh	nutter control device		

# 7.2.8. Single button 2 objects

157	Interlock	Single 2: interlock	1 bit	C, R, W, U		
			DPT 1.003			
Telegr	am value:					
0 = De	activate locking					
1 = Act	1 = Activate locking					
If locki	ng is activated, single button 2 is disa	bled.				
158	LED On/Off	Single 2: LED On/Off	1 bit	C, W, U		
			DPT 1.001			
Telegr	am value:					
0 = Off	:					
1 = On						
It allov	vs control of the switching on and off	of the LED associated with single button	2.			

### e-Bus coupling KNX

159	Short switch	Single 2: short switch	1 bit DPT 1.001	C, R, T
Telegra 0 = Off	am value:		•	
1 = On				
It allow	vs control of the switching on and of	f of a compatible device upon detecting a	short touch.	
159	Switch on touch	Single 2: Touch	1 bit	C, R, T
Telegra	am value:		DPT 1.001	
0 = Off				
1 = On				
It allow	vs control of the switching on and of Toggle on touch	f of a compatible device upon detecting t Single 2: Touch	hat the button is touc	hed. C, R, T
		Single 2. Touch	DPT 1.001	С, К, Т
Telegra 0 = Off	am value:			
1 = On				
It allow	vs control of the switching on and	off of a compatible device upon detect	ting that the button	is touched. It
change	es the status every time the button is	touched.		
160	Long switch	Single 2: long switch	1 bit DPT 1.001	C, R, T
Telegra 0 = Off	am value:			
1 = On				
It allow	us control of the switching on and of	f of a compatible device upon detecting a	long touch	
160	Switch on release	Single 2: Release	1 bit	C, R, T
Telegra	am value:		DPT 1.001	
0 = Off				
1 = On				
It allow	vs control of the switching on and of Send scene	f of a compatible device upon detecting t		
101	Send scene	Single 2: Send scene	1 Byte DPT 18.001	C, R, T
Telegra 0-63	am value: -> Execute scene			
	1 -> Save scene			
It allow	vs scenes to be controlled.			
162	Scene LED	Single 2: Scene feedback LED	1 Byte	C, W, U
Telegra	am value:		DPT 18.001	
Active				
If it is r	ead that the active scene is the same	e as the scene configured for this button,	the LED is activated.	
	ue other than the configured scene i Send on touch	s received, the LED switches off. Single 2: Send percent	1 Duto	СРТ
163	Send on touch	Single 2. Send percent	1 Byte DPT 5.001	C, R, T
Telegra Percen	am value:			
reiten	lage.			
The inc 163	dicated value is sent when the buttor Send on touch	n is touched. Single 2: Send degree	1 Byte	C, R, T
			DPT 5.003	0, 11, 1
-	am value: on degrees.			
	-	- Se de condecid		
The inc	dicated value is sent when the buttor	n is touched.		

163 Telegr 8 bit v				
-	Send on touch	Single 2: Send 8 bit value	1 Byte DPT 5.010	C, R, T
8 bit v	am value:			•
	alue.			
The in	dicated value is sent when the butto	on is touched.		
163	Send on short	Single 2: Send percent	1 Byte	C, R, T
			DPT 5.001	
-	am value:			
Percer	ntage.			
A shor	t touch sends the indicated value.			
163	Send on short	Single 2: Send degree	1 Byte	C, R, T
			DPT 5.003	
	am value:			
Rotati	on degrees.			
A shor	t touch sends the indicated value.			
163	Send on short	Single 2: Send 8 bit value	1 Byte	C, R, T
		-	DPT 5.010	
	am value:			
8 bit v	alue.			
A shor	t touch sends the indicated value.			
164	Send on touch	Single 2: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
	am value:			
Tempe	erature in DPT 9.001 format.			
The in	dicated value is sent when the butto	on is touched.		
164	Send on touch	Single 2: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
-	am value:			
16 bit	value.			
The in	dicated value is sent when the butto	on is touched.		
164	Send on short	Single 2: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
	am value:			
Tempe	erature in DPT 9.001 format.			
A shor	t touch sends the indicated value.			
164	Send on short	Single 2: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
	am value:			
-	value.			
<b>Telegr</b> 16 bit				
16 bit	t touch sends the indicated value.			
16 bit	t touch sends the indicated value. Send on release	Single 2: Send percent	1 Byte	C, R, T
16 bit A shor <b>165</b>	Send on release	Single 2: Send percent	1 Byte DPT 5.001	C, R, T
16 bit A shor 165 Telegr	Send on release am value:	Single 2: Send percent		C, R, T
16 bit A shor <b>165</b>	Send on release am value:	Single 2: Send percent		C, R, T
16 bit A shor 165 Telegr Percer	Send on release am value:			C, R, T
16 bit A shor 165 Telegr Percer	Send on release am value: ntage.			C, R, T C, R, T
16 bit A shor 165 Telegr Percer The in 165	Send on release <b>am value:</b> htage. dicated value is sent when the butto Send on release	on is released.	DPT 5.001	
16 bit A shor 165 Telegr Percer The in 165 Telegr	Send on release <b>am value:</b> htage. dicated value is sent when the butto Send on release <b>am value:</b>	on is released.	DPT 5.001	
16 bit A shor 165 Telegr Percer The in 165 Telegr	Send on release <b>am value:</b> htage. dicated value is sent when the butto Send on release	on is released.	DPT 5.001	
16 bit A shor 165 Telegr Percer The in 165 Telegr Rotati	Send on release <b>am value:</b> htage. dicated value is sent when the butto Send on release <b>am value:</b>	on is released. Single 2: Send degree	DPT 5.001	
16 bit A shor 165 Telegr Percer The in 165 Telegr Rotati	Send on release am value: htage. dicated value is sent when the butto Send on release am value: on degrees.	on is released. Single 2: Send degree	DPT 5.001	
16 bit A shor 165 Telegr Percer The in 165 Telegr Rotati	Send on release am value: htage. dicated value is sent when the butto Send on release am value: on degrees.	on is released. Single 2: Send degree	DPT 5.001	
16 bit A shor 165 Telegr Percer The in 165 Telegr Rotati	Send on release am value: htage. dicated value is sent when the butto Send on release am value: on degrees.	on is released. Single 2: Send degree	DPT 5.001	

### e-Bus coupling KNX

165	Send on release	Single 2: Send 8 bit value	1 Byte DPT 5.010	C, R, T	
_	am value:		0113.010		
8 bit va	alue.				
	dicated value is sent when the buttor				
165	Send on long	Single 2: Send percent	1 Byte DPT 5.001	C, R, T	
Telegra Percen	am value:				
	-				
A long 165	touch sends the indicated value. Send on long	Single 2: Send degree	1 Byte	C, R, T	
			DPT 5.003	0, 1, 1	
	am value:				
Rotation degrees.					
	touch sends the indicated value.				
165	Send on long	Single 2: Send 8 bit value	1 Byte DPT 5.010	C, R, T	
	am value:				
8 bit va	alue.				
A long	touch sends the indicated value.				
166	Send on release	Single 2: Send temperature	2 Bytes DPT 9.001	C, R, T	
Telegra	am value:		DFT 9.001		
Tempe	erature in DPT 9.001 format.				
The in	dicated value is sent when the buttor	n is released			
166	Send on release	Single 2: Send 16 bit value	2 Bytes	C, R, T	
			DPT 7.001		
16 bit	<b>am value:</b> value.				
The inc <b>166</b>	dicated value is sent when the buttor Send on long	n is released. Single 2: Send temperature	2 Bytes	СРТ	
100	Send on long	Single 2. Send temperature	DPT 9.001	C, R, T	
	am value:				
Tempe	erature in DPT 9.001 format.				
A long	touch sends the indicated value.				
166	Send on long	Single 2: Send 16 bit value	2 Bytes	C, R, T	
Telegra	am value:		DPT 7.001		
16 bit					
Along	touch sends the indicated value.				
167	Dimming On/Off	Single 2: dimming On/Off	1 bit	C, R, T	
			DPT 1.001		
Telegra 0 = Off	am value:				
1 = On					
It allov 167	vs control of the switching on and off Step/Stop	Single 2: shutters Step/Stop (short	1 bit	C, R, T	
107	51667 5106	touch)	DPT 1.007	С, К, Т	
	am value:				
	pp/step up pp/step down				
1 = 510	P, 500 40111				
It cont	rols the stopping, stepping up and st	epping down of a shutter control device.			

168	Dimming	Single 2: dimming	4 bit DPT 3.007	C, R, T		
Telegr	Telegram value:					
Regula	Regulation status.					
	It allows control of the regulation of a dimming control device. See parameter type 3.007 Dimming control.					
168	Up/Down	Single 2: shutters Up/Down	1 bit DPT 1.008	C, R, T		
Telegr	am value:					
0 = Up	0 = Up					
1 = Do	1 = Down					
It allov	vs the raising/lowering control of a sh	utter control device.				

## 7.2.9. Single button 3 objects

169	Interlock	Single 3: interlock	1 bit DPT 1.003	C, R, W, U	
	am value:				
	activate locking				
1 = Act	1 = Activate locking				
If locki	ng is activated, single button 3 is disa	bled.			
170	LED On/Off	Single 3: LED On/Off	1 bit DPT 1.001	C, W, U	
-	am value:				
0 = Off					
1 = On					
It allow	vs control of the switching on and off	of the LED associated with single button	3.		
171	Short switch	Single 3: short switch	1 bit	C, R, T	
			DPT 1.001		
-	am value:				
0 = Off					
1 = On					
It allow	vs control of the switching on and off	of a compatible device upon detecting a	short touch.		
171	Switch on touch	Single 3: Touch	1 bit	C, R, T	
			DPT 1.001		
-	am value:				
0 = Off					
1 = On					
				L1	
171	Toggle on touch	of a compatible device upon detecting the Single 3: Touch	1 bit		
1/1	Toggie on touch	Single 3: Touch	DPT 1.001	C, R, T	
Telegr	am value:		DP1 1.001		
0 = Off					
1 = On					
1 011					
It allow	ws control of the switching on and	off of a compatible device upon detect	ing that the button	is touched. It	
	es the status every time the button is				
172	Long switch	Single 3: long switch	1 bit	C, R, T	
	-		DPT 1.001		
Telegra	am value:				
0 = Off					
1 = On	1 = On				
It allow	vs control of the switching on and off	of a compatible device upon detecting a	long touch.		

172	Switch on release	Single 3: Release	1 bit DPT 1.001	C, R, T	
Telegr	am value:		5111.001		
0 = Off 1 = On					
1 - 011					
	vs control of the switching on and off Send scene	f of a compatible device upon detecting t			
173	Send scene	Single 3: Send scene	1 Byte DPT 18.001	C, R, T	
-	am value:	•			
0-63 128-19	-> Execute scene 91 -> Save scene				
It allov	vs scenes to be controlled. Scene LED	Single 3: Scene feedback LED	1 Byte	C, W, U	
1/4		Single S. Scene recuback LED	DPT 18.001	C, W, U	
-	am value:				
Active	scene.				
		e as the scene configured for this button,	the LED is activated.		
If a val 175	ue other than the configured scene is Send on touch	s received, the LED switches off. Single 3: Send percent	1 Byte	C, R, T	
1/5		Single S. Send percent	DPT 5.001	С, К, Т	
-	am value:		•		
Percen	itage.				
The inc	dicated value is sent when the buttor	n is touched.			
175	Send on touch	Single 3: Send degree	1 Byte	C, R, T	
Telegra	am value:		DPT 5.003		
-	on degrees.				
The in	dicated value is sent when the buttor	a is touched			
175	Send on touch	Single 3: Send 8 bit value	1 Byte	C, R, T	
			DPT 5.010		
Telegra 8 bit va	am value: alue.				
	dicated value is sent when the buttor		1 Duto	СРТ	
1/5	Send on short	Single 3: Send percent	1 Byte DPT 5.001	C, R, T	
-	am value:	•			
Percen	itage.				
A shor	t touch sends the indicated value.				
175	Send on short	Single 3: Send degree	1 Byte	C, R, T	
Telegra	am value:		DPT 5.003		
	on degrees.				
A shor	t touch sends the indicated value.				
175	Send on short	Single 3: Send 8 bit value	1 Byte	C, R, T	
			DPT 5.010		
-	am value:				
8 bit value.					
	t touch sends the indicated value.		2.0.+	C D T	
176	Send on touch	Single 3: Send temperature	2 Bytes DPT 9.001	C, R, T	
-	am value:	l			
Tempe	erature in DPT 9.001 format.				
The ind	dicated value is sent when the buttor	n is touched.			
1					

176	Send on touch	Single 3: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
-	am value:			
16 bit	value.			
The in	dicated value is sent when the butto	n is touched.	-	
176	Send on short	Single 3: Send temperature	2 Bytes DPT 9.001	C, R, T
-	am value:			
Tempe	erature in DPT 9.001 format.			
	t touch sends the indicated value.			
176	Send on short	Single 3: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
-	am value:			
16 bit	value.			
A shor	t touch sends the indicated value.			
177	Send on release	Single 3: Send percent	1 Byte DPT 5.001	C, R, T
Telegr	am value:		511 5.001	
Percer	itage.			
The in	dicated value is sent when the butto	n is released		
177	Send on release	Single 3: Send degree	1 Byte	C, R, T
			DPT 5.003	
	<b>am value:</b> on degrees.			
Notati				
	dicated value is sent when the butto			
177	Send on release	Single 3: Send 8 bit value	1 Byte DPT 5.010	C, R, T
Telegr	am value:			
8 bit v	alue.			
The in	dicated value is sent when the butto	n is released.		
177	Send on long	Single 3: Send percent	1 Byte	C, R, T
<b>T</b> . I			DPT 5.001	
Percer	am value: Itage.			
-	touch sends the indicated value.		4.5.1	
177	Send on long	Single 3: Send degree	1 Byte DPT 5.003	C, R, T
	am value:	I		
Rotati	on degrees.			
A long	touch sends the indicated value.			
177	Send on long	Single 3: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
Telegr 8 bit v	<b>am value:</b> alue.			
o sit t				
-	touch sends the indicated value.			
178	Send on release	Single 3: Send temperature	2 Bytes	C, R, T
Telegr	am value:		DPT 9.001	
-	erature in DPT 9.001 format.			
<b></b> 1 ·				
i ne in	dicated value is sent when the butto	n is released.		

Manual e-Bus coupling KNX

-						
178	Send on release	Single 3: Send 16 bit value	2 Bytes	C, R, T		
Tologr	am value:		DPT 7.001			
	Telegram value: 16 bit value.					
10 510	value.					
The in	dicated value is sent when the buttor	is released.				
178	Send on long	Single 3: Send temperature	2 Bytes	C, R, T		
			DPT 9.001			
_	am value:					
Tempe	erature in DPT 9.001 format.					
Along	touch sends the indicated value.					
178	Send on long	Single 3: Send 16 bit value	2 Bytes	C, R, T		
			DPT 7.001	0, 11, 1		
Telegr	am value:					
16 bit	value.					
	touch sends the indicated value. Dimming On/Off	Single 3: dimming On/Off	1 bit	CDT		
179	Dimming On/On	Single 3. dimining On/On	DPT 1.001	C, R, T		
Telegr	am value:		DF1 1.001			
0 = Of						
1 = On						
	vs control of the switching on and off					
179	Step/Stop	Single 3: shutters Step/Stop (short touch)	1 bit DPT 1.007	С, R, Т		
Telegr	am value:					
0 = Sto	pp/step up					
1 = Sto	pp/step down					
		and the state of t				
180	Dimming	epping down of a shutter control device. Single 3: dimming	4 bit	C, R, T		
100	Diriting	Single S. uninning	DPT 3.007	С, К, Т		
Telegr	am value:		5.1.0.007			
-	ition status.					
It allows control of the regulation of a dimming control device.						
	See parameter type 3.007 Dimming control.					
180	Up/Down	Single 3: shutters Up/Down	1 bit	C, R, T		
Telegr	am value:		DPT 1.008			
0 = Up						
1 = Do						
It allow	It allows the raising/lowering control of a shutter control device.					

# 7.2.10. Single button 4 objects

181	Interlock	Single 4: interlock	1 bit DPT 1.003	C, R, W, U		
Telegram value:						
0 = Dea	activate locking					
1 = Act	ivate locking					
If locki	ng is activated, single button 4 is disa	bled.				
182	LED On/Off	Single 4: LED On/Off	1 bit	C, W, U		
			DPT 1.001			
Telegra	am value:					
0 = Off	:					
1 = On	1 = On					
It allow	vs control of the switching on and off	of the LED associated with single button	4.			

183	Short switch	Single 4: short switch	1 bit DPT 1.001	C, R, T
Telegra 0 = Off	am value:			
1 = On				
It allow		of a compatible device upon detecting a	short touch.	
183	Switch on touch	Single 4: Touch	1 bit DPT 1.001	C, R, T
Telegra 0 = Off	am value:			
1 = On				
It allow	vs control of the switching on and off	f of a compatible device upon detecting t	hat the button is touc	hed.
183	Toggle on touch	Single 4: Touch	1 bit DPT 1.001	C, R, T
Telegra 0 = Off	am value:			1
1 = On				
It allow	vs control of the switching on and	off of a compatible device upon detect	ing that the button	is touched. It
change 184	es the status every time the button is Long switch	touched. Single 4: long switch	1 bit	СРТ
		Single 4. long Switch	DPT 1.001	С, R, Т
Telegra 0 = Off	am value:			
1 = On				
It allow	vs control of the switching on and of	of a compatible device upon detecting a	long touch.	
184	Switch on release	Single 4: Release	1 bit DPT 1.001	C, R, T
Telegra 0 = Off	am value:			I
0 = 01 1 = 0n				
It allow	vs control of the switching on and of	f of a compatible device upon detecting the	hat the button has be	en released.
185	Send scene	Single 4: Send scene	1 Byte DPT 18.001	C, R, T
Telegra 0-63	am value: -> Execute scene			
	1 -> Save scene			
It allow	vs scenes to be controlled.			
186	Scene LED	Single 4: Scene feedback LED	1 Byte DPT 18.001	C, W, U
-	am value:		01110.001	
Active	scene.			
	ead that the active scene is the same ue other than the configured scene is	e as the scene configured for this button, s received, the LED switches off.	the LED is activated.	
187	Send on touch	Single 4: Send percent	1 Byte DPT 5.001	C, R, T
Telegra	am value:		DP1 5.001	
Percen	tage.			
	dicated value is sent when the buttor		1	
187	Send on touch	Single 4: Send degree	1 Byte DPT 5.003	C, R, T
-	am value:			
Rotatio	on degrees.			
The inc	dicated value is sent when the buttor	n is touched.		

187				
107	Send on touch	Single 4: Send 8 bit value	1 Byte DPT 5.010	C, R, T
-	am value:			
8 bit v	alue.			
The in	dicated value is sent when the butto	on is touched.		
187	Send on short	Single 4: Send percent	1 Byte	C, R, T
			DPT 5.001	
_	am value:			
Percer	ntage.			
A shor	t touch sends the indicated value.			
187	Send on short	Single 4: Send degree	1 Byte	C, R, T
			DPT 5.003	
-	am value:			
Rotati	on degrees.			
A shor	t touch sends the indicated value.			
187	Send on short	Single 4: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
	am value:			
8 bit v	alue.			
Δ shor	t touch sends the indicated value.			
188	Send on touch	Single 4: Send temperature	2 Bytes	C, R, T
			DPT 9.001	, ,
	am value:			
Tempe	erature in DPT 9.001 format.			
The in	dicated value is sent when the butto	on is touched		
188	Send on touch	Single 4: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
-	am value:			
16 bit	value.			
The in	dicated value is sent when the butto	on is touched.		
188	Send on short	Single 4: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
-	am value:			
Tempe	erature in DPT 9.001 format.			
A shor	t touch sends the indicated value.			
188	Send on short	Single 4: Send 16 bit value	2 Bytes	C, R, T
			DPT 7.001	
Telegr 16 bit	am value:			
זומ סד	value.			
	t touch sends the indicated value.			
A shor				
A shor 189	Send on release	Single 4: Send percent	1 Byte	C, R, T
189	Send on release	Single 4: Send percent	1 Byte DPT 5.001	C, R, T
189 Telegr	Send on release am value:	Single 4: Send percent		C, R, T
189	Send on release am value:	Single 4: Send percent		C, R, T
189 Telegr Percer	Send on release am value:			C, R, T
189 Telegr Percer	Send on release am value: ntage.		DPT 5.001	C, R, T C, R, T
189 Telegr Percer The in 189	Send on release <b>am value:</b> htage. dicated value is sent when the buttor Send on release	on is released.	DPT 5.001	
189 Telegr Percer The in 189 Telegr	Send on release <b>am value:</b> htage. dicated value is sent when the buttor Send on release <b>am value:</b>	on is released.	DPT 5.001	
189 Telegr Percer The in 189 Telegr	Send on release <b>am value:</b> htage. dicated value is sent when the buttor Send on release	on is released.	DPT 5.001	
189 Telegr Percer The in 189 Telegr Rotati	Send on release <b>am value:</b> htage. dicated value is sent when the buttor Send on release <b>am value:</b>	on is released. Single 4: Send degree	DPT 5.001	
189 Telegr Percer The in 189 Telegr Rotati	Send on release am value: htage. dicated value is sent when the buttor Send on release am value: on degrees.	on is released. Single 4: Send degree	DPT 5.001	
189 Telegr Percer The in 189 Telegr Rotati	Send on release am value: htage. dicated value is sent when the buttor Send on release am value: on degrees.	on is released. Single 4: Send degree	DPT 5.001	
189 Telegr Percer The in 189 Telegr Rotati	Send on release am value: htage. dicated value is sent when the buttor Send on release am value: on degrees.	on is released. Single 4: Send degree	DPT 5.001	

189	Send on release	Single 4: Send 8 bit value	1 Byte DPT 5.010	C, R, T		
-	am value:		DPT 5.010			
8 bit value.						
The in	dicated value is sent when the butto		<b>1</b>			
189	Send on long	Single 4: Send percent	1 Byte DPT 5.001	C, R, T		
Telegr Percer	<b>am value:</b> itage.					
Along	A long touch sends the indicated value.					
189	Send on long	Single 4: Send degree	1 Byte DPT 5.003	C, R, T		
	am value:		0110.000			
Rotati	on degrees.					
A long	touch sends the indicated value.					
189	Send on long	Single 4: Send 8 bit value	1 Byte DPT 5.010	C, R, T		
Telegr 8 bit v	am value:					
O DIL V	alue.					
_	touch sends the indicated value. Send on release	Single 4. Sand temperature	2 Dutos	СРТ		
190	Send on release	Single 4: Send temperature	2 Bytes DPT 9.001	C, R, T		
	am value:					
Tempe	erature in DPT 9.001 format.					
	dicated value is sent when the buttor		1			
190	Send on release	Single 4: Send 16 bit value	2 Bytes DPT 7.001	C, R, T		
Telegr 16 bit	am value:					
10 510	vulue.					
	dicated value is sent when the button		2.0.4	C D T		
190	Send on long	Single 4: Send temperature	2 Bytes DPT 9.001	C, R, T		
	<b>am value:</b> erature in DPT 9.001 format.					
rempe						
	touch sends the indicated value.					
190	Send on long	Single 4: Send 16 bit value	2 Bytes DPT 7.001	C, R, T		
_	am value:	•				
16 bit	value.					
A long	touch sends the indicated value.		-			
191	Dimming On/Off	Single 4: dimming On/Off	1 bit DPT 1.001	C, R, T		
Telegr	am value:		0111.001			
0 = Of 1 = On						
1 - 01						
	vs control of the switching on and of			0.D.T		
191	Step/Stop	Single 4: shutters Step/Stop (short touch)	1 bit DPT 1.007	C, R, T		
	am value:	•				
	pp/step up pp/step down					
It cont	rols the stopping, stepping up and st	epping down of a shutter control device.				

Manual e-Bus coupling KNX

192	Dimming	Single 4: dimming	4 bit DPT 3.007	C, R, T		
Telegra	am value:		5113.007			
Regula	tion status.					
	It allows control of the regulation of a dimming control device. See parameter type 3.007 Dimming control.					
192	Up/Down	Single 4: shutters Up/Down	1 bit DPT 1.008	C, R, T		
Telegr	Telegram value:					
0 = Up	0 = Up					
1 = Do	1 = Down					
It allov	It allows the raising/lowering control of a shutter control device.					

## 7.2.11. Single button 5 objects

193	Interlock	Single 5: interlock	1 bit DPT 1.003	C, R, W, U	
Telegram value:					
0 = Deactivate locking					
1 = Activate locking					
If locki	If locking is activated, single button 5 is disabled.				
194	LED On/Off	Single 5: LED On/Off	1 bit	C, W, U	
Telegr	am value:		DPT 1.001		
0 = Off					
1 = On					
- 011					
It allow	vs control of the switching on and off	of the LED associated with single button	5.		
195	Short switch	Single 5: short switch	1 bit	C, R, T	
			DPT 1.001		
	am value:				
0 = Off					
1 = On					
lt allau			ala ant ta cala		
195	Switch on touch	of a compatible device upon detecting a Single 5: Touch	1 bit	C, R, T	
195	Switch on touch		DPT 1.001	С, К, Т	
			DI 1 1.001		
Telegra	am value:				
Telegra 0 = Off	am value:				
_					
0 = Off 1 = On					
0 = Off 1 = On It allow	vs control of the switching on and off	of a compatible device upon detecting t			
0 = Off 1 = On		of a compatible device upon detecting t Single 5: Touch	1 bit	hed. C, R, T	
0 = Off 1 = On It allow <b>195</b>	vs control of the switching on and off Toggle on touch				
0 = Off 1 = On It allow 195 Telegra	vs control of the switching on and off Toggle on touch am value:		1 bit		
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off	vs control of the switching on and off Toggle on touch am value:		1 bit		
0 = Off 1 = On It allow 195 Telegra	vs control of the switching on and off Toggle on touch am value:		1 bit		
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On	vs control of the switching on and off Toggle on touch am value:	Single 5: Touch	1 bit DPT 1.001	C, R, T	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and	Single 5: Touch	1 bit DPT 1.001	C, R, T	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is	Single 5: Touch	1 bit DPT 1.001	C, R, T is touched. It	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and	Single 5: Touch off of a compatible device upon detect touched.	1 bit DPT 1.001	C, R, T	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change <b>196</b>	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is	Single 5: Touch off of a compatible device upon detect touched.	1 bit DPT 1.001 ting that the button 1 bit	C, R, T is touched. It	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change <b>196</b> <b>Telegra</b> 0 = Off <b>196</b>	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is Long switch am value:	Single 5: Touch off of a compatible device upon detect touched.	1 bit DPT 1.001 ting that the button 1 bit	C, R, T is touched. It	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change <b>196</b> <b>Telegra</b>	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is Long switch am value:	Single 5: Touch off of a compatible device upon detect touched.	1 bit DPT 1.001 ting that the button 1 bit	C, R, T is touched. It	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change <b>196</b> <b>Telegra</b> 0 = Off 1 = On	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is Long switch am value:	Single 5: Touch off of a compatible device upon detect touched. Single 5: long switch	1 bit DPT 1.001 ting that the button 1 bit DPT 1.001	C, R, T is touched. It	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change <b>196</b> <b>Telegra</b> 0 = Off 1 = On	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is Long switch am value:	Single 5: Touch off of a compatible device upon detect touched.	1 bit DPT 1.001 ting that the button 1 bit DPT 1.001	C, R, T is touched. It	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change <b>196</b> <b>Telegra</b> 0 = Off 1 = On	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is Long switch am value:	Single 5: Touch off of a compatible device upon detect touched. Single 5: long switch	1 bit DPT 1.001 ting that the button 1 bit DPT 1.001	C, R, T is touched. It	
0 = Off 1 = On It allow <b>195</b> <b>Telegra</b> 0 = Off 1 = On It allow change <b>196</b> <b>Telegra</b> 0 = Off 1 = On	vs control of the switching on and off Toggle on touch am value: vs control of the switching on and es the status every time the button is Long switch am value:	Single 5: Touch off of a compatible device upon detect touched. Single 5: long switch	1 bit DPT 1.001 ting that the button 1 bit DPT 1.001	C, R, T is touched. It	

196	Switch on release	Single 5: Release	1 bit DPT 1.001	C, R, T	
Telegra	am value:			I	
0 = Off					
1 = On					
It allov	vs control of the switching on and off	of a compatible device upon detecting t	hat the button has be	en released.	
197	Send scene	Single 5: Send scene	1 Byte	C, R, T	
			DPT 18.001		
Telegr	am value:				
0-63	-> Execute scene				
128-19	91 -> Save scene				
	vs scenes to be controlled.				
198	Scene LED	Single 5: Scene feedback LED	1 Byte	C, W, U	
			DPT 18.001		
	am value:				
Active	scene.				
		e as the scene configured for this button,	the LED is activated.		
	ue other than the configured scene is				
199	Send on touch	Single 5: Send percent	1 Byte	C, R, T	
	-		DPT 5.001		
-	am value:				
Percen	itage.				
	dicated value is sent when the buttor				
199	Send on touch	Single 5: Send degree	1 Byte	С, R, Т	
	-		DPT 5.003		
-	am value:				
Rotatio	on degrees.				
<b>T</b> 1	diana al color in a color de se also la casa	. Se de conde e el			
	dicated value is sent when the buttor		4.5.1	0 D T	
199	Send on touch	Single 5: Send 8 bit value	1 Byte	C, R, T	
Tologr	am value:		DPT 5.010		
8 bit va					
O DIL VO	aiue.				
The in	dicated value is sent when the buttor	a is touched			
	Send on short	Single 5: Send percent	1 Byte	C, R, T	
155		Single 5. Send percent	DPT 5.001	C, N, 1	
Telegr	am value:		DI 1 3.001		
Percen					
i creci	inde:				
A shor	t touch sends the indicated value.				
199	Send on short	Single 5: Send degree	1 Byte	C, R, T	
			DPT 5.003	-,,.	
Telegr	am value:				
	on degrees.				
A shor	t touch sends the indicated value.				
199	Send on short	Single 5: Send 8 bit value	1 Byte	C, R, T	
			DPT 5.010	-, ,	
Telegr	am value:				
8 bit va					
A shor	t touch sends the indicated value.				
200	Send on touch	Single 5: Send temperature	2 Bytes	C, R, T	
			DPT 9.001		
Telegr	am value:				
-	erature in DPT 9.001 format.				
The inc	dicated value is sent when the buttor	n is touched.			

200	Send on touch	Single 5: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
-	am value:			
16 bit	value.			
	dicated value is sent when the butto			
200	Send on short	Single 5: Send temperature	2 Bytes DPT 9.001	C, R, T
-	am value:			
Tempe	erature in DPT 9.001 format.			
	t touch sends the indicated value.			
200	Send on short	Single 5: Send 16 bit value	2 Bytes DPT 7.001	C, R, T
-	am value:			
16 bit	value.			
A shor	t touch sends the indicated value.			
201	Send on release	Single 5: Send percent	1 Byte	C, R, T
			DPT 5.001	
-	am value:			
Percer	ntage.			
The in	dicated value is sent when the butto	n is released.		
201	Send on release	Single 5: Send degree	1 Byte	C, R, T
			DPT 5.003	
	am value:			
Rotatio	on degrees.			
The in	dicated value is sent when the butto	n is released.		
201	Send on release	Single 5: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
	am value:			
8 bit v	alue.			
The in	dicated value is sent when the butto	n is released.		
201	Send on long	Single 5: Send percent	1 Byte	C, R, T
			DPT 5.001	
	am value:			
Percer	itage.			
A long	touch sends the indicated value.			
201	Send on long	Single 5: Send degree	1 Byte	C, R, T
			DPT 5.003	
-	am value:			
NUIdtl	on degrees.			
A long	touch sends the indicated value.			
201	Send on long	Single 5: Send 8 bit value	1 Byte	C, R, T
			DPT 5.010	
Telegr 8 bit va	am value:			
o dit Vi	aiue.			
A long	touch sends the indicated value.			
202	Send on release	Single 5: Send temperature	2 Bytes	C, R, T
			DPT 9.001	
-	am value:			
Tempe	erature in DPT 9.001 format.			
The in	dicated value is sent when the butto	n is released.		

Manual e-Bus coupling KNX

-					
202	Send on release	Single 5: Send 16 bit value	2 Bytes DPT 7.001	C, R, T	
Telegr	am value:				
16 bit					
The in	dicated value is sent when the buttor	n is released.			
202	Send on long	Single 5: Send temperature	2 Bytes	C, R, T	
			DPT 9.001		
Telegr	am value:				
Tempe	erature in DPT 9.001 format.				
A long	touch sends the indicated value.			-	
202	Send on long	Single 5: Send 16 bit value	2 Bytes	C, R, T	
			DPT 7.001		
-	am value:				
16 bit	value.				
	touch sends the indicated value.				
203	Dimming On/Off	Single 5: dimming On/Off	1 bit	C, R, T	
			DPT 1.001		
-	am value:				
0 = Of					
1 = On					
14 - 11 - 1					
	vs control of the switching on and off		4 1-14	CDT	
203	Step/Stop	Single 5: shutters Step/Stop (short touch)	1 bit DPT 1.007	С, R, Т	
Telegr	am value:		22.007		
	pp/step up				
	pp/step down				
	[·/ ]				
It cont	rols the stopping, stepping up and ste	epping down of a shutter control device.			
204	Dimming	Single 5: dimming	4 bit	C, R, T	
	-		DPT 3.007		
Telegr	am value:				
Regula	tion status.				
It allow	vs control of the regulation of a dimn	ning control device.			
See parameter type 3.007 Dimming control.					
204	Up/Down	Single 5: shutters Up/Down	1 bit	C, R, T	
			DPT 1.008		
Telegr	am value:				
	0 = Up				
1 = Down					
It allows the raising/lowering control of a shutter control device.					

# 7.2.12. Single button 6 objects

205	Interlock	Single 6: interlock	1 bit DPT 1.003	C, R, W, U				
Telegram value:								
0 = Dea	activate locking							
1 = Act	ivate locking							
1								
If locki	ng is activated, single button 6 is disa	bled.						
206	LED On/Off	Single 6: LED On/Off	1 bit	C, W, U				
			DPT 1.001					
Telegra	am value:							
0 = Off								
1 = On								
1								
It allow	vs control of the switching on and off	of the LED associated with single button	6.					

207	Short switch	Single 6: short switch	1 bit DPT 1.001	C, R, T	
Telegra 0 = Off	am value:				
1 = On					
It allow	vs control of the switching on and of	f of a compatible device upon detecting a	short touch.		
207	Switch on touch	Single 6: Touch	1 bit DPT 1.001	C, R, T	
-	am value:		DPT 1.001		
0 = Off 1 = On					
lt elle				h a d	
207	Toggle on touch	f of a compatible device upon detecting the Single 6: Touch	1 bit	C, R, T	
Telegra	am value:		DPT 1.001		
0 = Off					
1 = On					
	vs control of the switching on and as the status every time the button is	off of a compatible device upon detect	ing that the button	is touched. It	
208	Long switch	Single 6: long switch	1 bit	C, R, T	
Telegra	am value:		DPT 1.001		
0 = Off					
1 = On					
It allow	vs control of the switching on and off Switch on release	f of a compatible device upon detecting a Single 6: Release	long touch. 1 bit	C, R, T	
		Single 0. Nelease	DPT 1.001	С, К, Т	
Telegra 0 = Off	am value:				
1 = On					
It allow		of a compatible device upon detecting t	hat the button has be		
209	Send scene	Single 6: Send scene	1 Byte DPT 18.001	C, R, T	
Telegra 0-63	am value:				
	-> Execute scene 1 -> Save scene				
It allow	vs scenes to be controlled.				
210	Scene LED	Single 6: Scene feedback LED	1 Byte	C, W, U	
Telegra	am value:		DPT 18.001		
Active	scene.				
		e as the scene configured for this button,	the LED is activated.		
If a val 211	ue other than the configured scene is Send on touch	s received, the LED switches off.	1 Byte	C, R, T	
			DPT 5.001	-, , .	
Telegra Percen	<b>am value:</b> tage.				
Tho in	dicated value is sent when the buttor	a is touched			
211	Send on touch	Single 6: Send degree	1 Byte	C, R, T	
Telegra	am value:		DPT 5.003		
-	Telegram value: Rotation degrees.				
The indicated value is sent when the button is touched.					

211	Send on touch	Single 6: Send 8 bit value	1 Byte DPT 5.010	C, R, T	
-	am value:				
8 bit va					
211	dicated value is sent when the buttor Send on short	Single 6: Send percent	1 Byte	C, R, T	
211	Send on short	Single 0. Send percent	DPT 5.001	С, ћ, 1	
-	am value:				
Percen	-				
	t touch sends the indicated value.				
211	Send on short	Single 6: Send degree	1 Byte DPT 5.003	C, R, T	
Telegr	am value:		511 5.000		
Rotatio	on degrees.				
Achor	t touch sends the indicated value.				
211	Send on short	Single 1: Send 8 bit value	1 Byte	C, R, T	
			DPT 5.010	0, 11, 1	
	am value:				
8 bit va	alue.				
A shor	t touch sends the indicated value.				
212	Send on touch	Single 6: Send temperature	2 Bytes	C, R, T	
			DPT 9.001		
	am value:				
Tempe	erature in DPT 9.001 format.				
The inc	dicated value is sent when the buttor	n is touched.			
212	Send on touch	Single 6: Send 16 bit value	2 Bytes	C, R, T	
			DPT 7.001		
Telegra 16 bit	am value:				
10 510	value.				
The inc	dicated value is sent when the buttor	is touched.		-	
212	Send on short	Single 6: Send temperature	2 Bytes DPT 9.001	С, R, Т	
Telegr	am value:				
Tempe	erature in DPT 9.001 format.				
A shor	t touch sends the indicated value.				
212	Send on short	Single 6: Send 16 bit value	2 Bytes	C, R, T	
			DPT 7.001	-, ,	
-	am value:				
16 bit v	value.				
A shor	t touch sends the indicated value.				
213	Send on release	Single 6: Send percent	1 Byte	C, R, T	
			DPT 5.001		
-	am value:				
Percen	itage.				
The inc	dicated value is sent when the buttor	n is released.			
213	Send on release	Single 6: Send degree	1 Byte	C, R, T	
			DPT 5.003		
-	<b>am value:</b> on degrees.				
NOLALIC	on degrees.				
The indicated value is sent when the button is released.					

213	Send on release	Single 6: Send 8 bit value	1 Byte DPT 5.010	C, R, T				
_	am value:		DF1 5.010					
8 bit va	8 bit value.							
	The indicated value is sent when the button is released.							
213	Send on long	Single 6: Send percent	1 Byte DPT 5.001	C, R, T				
Telegra Percen	am value: Itage.							
	-							
A long	touch sends the indicated value. Send on long	Single 6: Send degree	1 Byte	C, R, T				
			DPT 5.003	0,, .				
	am value: on degrees.							
KUlalit	Jil degrees.							
	touch sends the indicated value.	1						
213	Send on long	Single 6: Send 8 bit value	1 Byte DPT 5.010	C, R, T				
	am value:							
8 bit va	alue.							
A long	touch sends the indicated value.							
214	Send on release	Single 6: Send temperature	2 Bytes DPT 9.001	C, R, T				
Telegra	am value:		DP1 9.001					
	erature in DPT 9.001 format.							
The in	diastad value is contruben the buttor	a is released						
214	dicated value is sent when the buttor Send on release	Single 6: Send 16 bit value	2 Bytes	C, R, T				
			DPT 7.001	0, 1, 1				
_	am value:							
16 bit v	value.							
The inc	dicated value is sent when the buttor	is released.						
214	Send on long	Single 6: Send temperature	2 Bytes DPT 9.001	C, R, T				
	Telegram value:							
Tempe	erature in DPT 9.001 format.							
A long	touch sends the indicated value.							
214	Send on long	Single 6: Send 16 bit value	2 Bytes	C, R, T				
Telegr	am value:		DPT 7.001					
16 bit v								
A long	touch sends the indicated value. Dimming On/Off	Single 6: dimming On/Off	1 bit	C, R, T				
215			DPT 1.001	0, 11, 1				
	am value:							
0 = Off 1 = On								
1 - 011								
	vs control of the switching on and of							
215	Step/Stop	Single 6: shutters Step/Stop (short touch)	1 bit DPT 1.007	C, R, T				
Telegra	am value:							
0 = Stop/step up								
1 = Stop/step down								
It controls the stopping, stepping up and stepping down of a shutter control device.								

216	Dimming	Single 6: dimming	4 bit DPT 3.007	C, R, T			
Telegr	am value:			•			
Regula	tion status.						
	It allows control of the regulation of a dimming control device. See parameter type 3.007 Dimming control.						
216	Up/Down	Single 6: shutters Up/Down	1 bit	C, R, T			
			DPT 1.008				
Telegr	am value:						
0 = Up	0 = Up						
1 = Down							
It allov	vs the raising/lowering control of a sh	nutter control device.					

## 7.2.13. Sensor objects

217	Humidity	Sensors: Humidity	1 byte	C, R, T		
			DPT 5.001			
Telegra	am value:					
Value o	of humidity as a percentage, from 0%	to 100%.				
	, , , , , , , , , , , ,					
Value o	of humidity read by the internal humi	dity sensor.				
218	Temperature	Sensors: Temperature	2 bytes	C, R, T		
			DPT 9.001			
Telegra	am value:					
Temperature in DPT 9.001 format.						
-						
Value of temperature read by the internal temperature sensor.						

# 8. Consumption values of the e-Bus Coupling KNX

These values are taken with a bus voltage of 30 V DC.

The consumption values correspond to the consumption of the e-Touch touch switch + the e-Bus Coupling.

The value indicated as a % corresponds to the brightness level configured for the LED.

TOUCH SWITCH MODEL		ALL LEDS ON			ALL LEDS	ONE LED
	100%	53%	33%	7%	OFF	100%
e-Touch Panel 6R-18P 6H	18 mA	13 mA	10.5 mA	7 mA	6.8 mA	7 mA
e-Touch Panel 6R-12P 6H	15 mA	11 mA	9 mA	6.9 mA	6.8 mA	7 mA
e-Touch Flexi 3R-9P 3H	12.5 mA	9.5 mA	8 mA	6.5 mA	6 mA	6.5 mA
e-Touch Flexi 2RH-6P 2H	11.5 mA	8.5 mA	7.5 mA	6 mA	5.5 mA	6.5 mA
e-Touch Flexi 2R-4P	9 mA	7.5 mA	6.5 mA	5.6 mA	5.5 mA	6.5 mA
e-Touch Flexi 2RV-6P 2V	7.5 mA	6.6 mA	6.2 mA	5.6 mA	5.5 mA	6.5 mA
e-Touch Flexi 1R-5P	6.5 mA	6 mA	5.6 mA	5.4 mA	5.4 mA	6.5 mA

# 9. Related documentation

Ref. Doc.	Document name	Description	Ver.	Rev.

# **10. Revision log**

Date	Author	Description	Ver.	Rev.
20/01/2021	DGM	Creation	0	0
30/03/2021	DGM	Revision	0	1