

12 S2 On-off-toggle/Dim/Shu/Display 221301

Devices Employing the Program

Product family:	Push Button
Product type:	Push Button, 2-fold
Manufacturer:	Siemens
Name:	Push Button UP 243 2-fold titanium white/DELTA profil
Order-no.:	5WG1 243-2AB11
Name:	Push Button UP 243 2-fold silver/DELTA profil
Order-no.:	5WG1 243-2AB71
Name:	Push Button UP 243 2-fold anthracite/DELTA profil
Order-no.:	5WG1 243-2AB21
Name:	Push Button UP 243 2-fold pearl grey/DELTA profil
Order-no.:	5WG1 243-2AB01
Name:	Push Button UP 244 2-fold titanium white/DELTA profil
Order-no.:	5WG1 244-2AB11
Name:	Push Button UP 244 2-fold silver/DELTA profil
Order-no.:	5WG1 244-2AB71
Name:	Push Button UP 244 2-fold anthracite/DELTA profil
Order-no.:	5WG1 244-2AB21
Name:	Push Button UP 244 2-fold pearl grey/DELTA profil
Order-no.:	5WG1 244-2AB01

Application Description

The application program "12 S2 On-Off-Toggle/Dim/Shu/Display 221301" provides parameters to realizing switching, dimming, blinds control, and status display via LEDs with the push button 2-fold.

The operating modes to the rockers can be selected with the parameter "Function of right rocker" and "Function of left rocker". According to the mode selected, the "Left rocker" and "Right rocker" parameter windows display appropriate parameters in their default setting. Furthermore, the type of the objects corresponding to the rockers changes automatically (left rocker: object [1], right rocker: object [3]) when switching e.g. from switching mode (1 bit) to dimming mode (4 bit).

Rocker

The various modes can be selected individually to each rocker by setting the parameters "Left rocker: Function of right rocker" and "Right rocker: Function of left rocker" accordingly:

Switching: Upon operating the rocker an appropriate telegram is sent (On/Off/Toggle).

Blinds Control: The application program distinguishes between long and short switch operations. On a long operation of the rocker a telegram is sent to raising (up) or lowering (down) the blinds. On a short operation a telegram is sent to adjusting the louvres or halting the blinds if moving up or down.

Dim by stop telegrams: The application program distinguishes between long and short switch operations. A short switch operation sends a switching telegram (e.g. rocker top: "On", rocker bottom: "Off"). When operating the rocker to a longer period of time (threshold can be adjusted in the parameter list), a dimming telegram (rocker top: "Darker", rocker bottom: "Darker") is sent. On releasing the rocker, a stop telegram is sent.

Dim by cyclic sending: The application program distinguishes between long and short switch operations. A short switch operation sends a switching telegram (e.g. rocker top: "On", rocker bottom: "Off"), a long switch operation sends dimming telegrams (rocker top: "Darker", rocker bottom: "Darker") with the frequency specified in the parameter list until the rocker is released.

LED display

The two LEDs situated below the two rockers can be set to display actual object status or to use as orientation lights. The centre LED between the two rockers can be permanently disabled or used as orientation light.

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Communication Objects (Switch)

Phys. Addr. Program				
no.	Function	Object name	Type	
01.01.056	12 S2 On-off-toggle/Dim/Shu/Display 221301			
0	On	Switch left rocker	1 Bit	
1	Off	Switch left rocker	1 Bit	
2	On	Switch right rocker	1 Bit	
3	Off	Switch right rocker	1 Bit	

Note:

The order of the entries may vary from the above due to individual customization of the table.

All objects that correspond with a user operation have to be assigned to a group address.

Obj	Function	Object name	Type	Flags
0	On Off Toggle	Switch left rocker	1-Bit	CUWT
This is the switching object of the rocker top of the left rocker. According to the parameter settings (see parameter: "Upper contact") "On" or "Off" telegrams are sent. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.				
1	On Off Toggle	Switch left rocker	1-Bit	CUWT
This is the switching object the rocker bottom of the left rocker. According to the parameter settings (see parameter: "Lower contact") "On" or "Off" telegrams are sent. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.				
2	On Off Toggle	Switch right rocker	1-Bit	CUWT
This is the switching object of the rocker top of the right rocker. According to the parameter settings (see parameter: "Upper contact") "On" or "Off" telegrams are sent. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.				
3	On Off Toggle	Switch right rocker	1-Bit	CUWT
This is the switching object of the rocker bottom of the right rocker. According to the parameter settings (see parameter: "Lower contact") "On" or "Off" telegrams are sent. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.				

Maximum number of group addresses: 13

Maximum number of assignments: 13

Parameters

General:

General	Left rocker	Right rocker
Long switch operation min. (for dimming or shutter control)	0.5 seconds	
Interval for cyclical sending (for dimming with cyclical sending)	0.5 seconds	
LED display	left normal, right inverted	
Orientation light (LED)	On	

Parameters	Settings
Long switch operation min. (for dimming or shutter control)	0,3; 0,4; 0,5 ; 0,6; 0,8; 1,0; 1,2; 1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 7,0 seconds
This parameter defines the operating period to generate long and short switch operations. Operating the rocker longer than the selected period produces a long switch operation.	
Interval for cyclical sending (for dimming with cyclical sending)	0,3; 0,4; 0,5 ; 0,6; 0,8; 1,0; 1,2; 1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 7,0 seconds
This parameter governs the frequency to cyclic sending on a long switch operation. Consider busload when setting the cyclic send frequency.	
LED display	left: normal, right: normal left: inverted, right: inverted left: normal, right: inverted left: inverted, right: normal
This parameter defines how the two LEDs (left and right below the rockers) will display object status.	
Orientation light (LED)	enabled disabled
This parameter governs whether the central LED (below the main rocker) is disabled or used as an orientation light.	

Parameters (Switch)

Left rocker:

General	Left rocker	Right rocker
Function of left rocker	Switch	
Upper contact	On	
Lower contact	Off	
Function of left LED	Off	

Parameters	Settings
Function of left rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
This parameter governs the operating mode to the left rocker. According to the mode selected, the "Left rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [1] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below: Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)	

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Parameters	Settings
Upper contact	On Off Toggle
This parameter governs whether an "On" or "Off" telegram is sent via object [0] on operating the rocker top of the left rocker. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.	
Lower contact	On Off Toggle
This parameter governs whether an "On" or "Off" telegram is sent via object [0] on operating the rocker bottom of the left rocker. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.	
Function of left LED	Off On Status of left rocker object [0] Status of left rocker object [1] Status of right rocker obj. [2]
The LED below the left rocker can be set to display the status of an object (either object [0], object [1], or object [2]) or to use as an orientation light.	

Right rocker:

General	Left rocker	Right rocker
Function of right rocker: Switch		
Upper contact: On		
Lower contact: Off		
Function of centre LED: Off		

Parameters	Settings
Function of right rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
This parameter governs the operating mode to the right rocker. According to the mode selected, the "Right rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [3] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below: Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)	
Upper contact	On Off Toggle
This parameter governs whether an "On" or "Off" telegram is sent via object [0] on operating the rocker top of the right rocker. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.	

Parameters	Settings
Lower contact	On Off Toggle
This parameter governs whether an "On" or "Off" telegram is sent via object [0] on operating the rocker bottom of the right rocker. When set to "Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.	
Function of centre LED	Off On Status of right rocker obj. [2] Status of right rocker obj. [3] Status of left rocker object [0]
The LED below the right rocker can be set to display the status of an object (either object [2], object [3], or object [0]) or to use as an orientation light.	

Communication Objects (Shutter)

Phys. Addr.	Program	no.	Function	Object name	Type
01.01.056	12 S2 On-off-toggle/Dim/Shu/Display 221301	0	Open / Closed	Louvres left rocker	1 Bit
		1	Up / Down	Shutter left rocker	1 Bit
		2	Open / Closed	Louvres right rocker	1 Bit
		3	Up / Down	Shutter right rocker	1 Bit

Note:

The order of the entries may vary from the above due to individual customization of the table.
All objects that correspond with a user operation have to be assigned to a group address.

Obj	Function	Object name	Type	Flags
0	Open/Close	Louvres left rocker	1-Bit	CUWT
This is the switching object to adjusting louvres on a short switch operation: When using the default setting (see parameter window "Left rocker: Upper/Lower contact"), a operation of the rocker top opens the louvres by one step with an "Off" telegram and a operation of the rocker bottom closes the louvres by one step with an "On" telegram				
1	Up/Down	Shutter left rocker	1- Bit	CUWT
This is the switching object to raising (up) and lowering (down) the blinds on a long switch operation: When using the default setting (see parameter window "Left rocker: Upper/Lower contact"), a operation of the rocker top raises (up) the blinds with an "Off" telegram and a operation of the rocker bottom lowers (down) the blinds with an "On" telegram. A short switch operation halts a moving blind.				
2	Open/Close	Louvres right rocker	1- Bit	CUWT
This is the switching object to adjusting louvres on a short switch operation: When using the default setting (see parameter window "Right rocker: Upper/Lower contact"), a operation of the rocker top opens the louvres by one step with an "Off" telegram and a operation of the rocker bottom closes the louvres by one step with an "On" telegram				

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Obj	Function	Object name	Type	Flags
3	Up/Down	Shutter right rocker	1- Bit	CUWT

This is the switching object to raising (up) and lowering (down) the blinds on a long switch operation: When using the default setting (see parameter window "Right rocker: Upper/Lower contact"), a operation of the rocker top raises (up) the blinds with an "Off" telegram and a operation of the rocker bottom lowers (down) the blinds with an "On" telegram. A short switch operation halts a moving blind.

Maximum number of group addresses: 13

Maximum number of assignments: 13

Parameters (Shutter)

Left rocker:

General	Left rocker	Right rocker
Function of left rocker		
		Shutter
Upper / lower contact		
		Shutter, up / down
Function of left LED		
		Off

Parameters	Settings
Function of left rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
This parameter governs the operating mode to the left rocker. According to the mode selected, the "Left rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [1] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below: Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)	
Upper / Lower contact	Shutter, Up/Down Shutter, Down/Up
This parameter defines the operating mode to the rocker top and the rocker bottom of the left rocker. When using the default setting, a short operation of the rocker top opens the louvres by one step with an "Off" telegram and a short operation of the rocker bottom closes the louvres by one step with an "On" telegram. A long operation of the rocker top raises (up) the blinds with an "Off" telegram and a long operation of the rocker bottom lowers (down) the blinds with an "On" telegram.	
Function of left LED	Off On Status of left rocker object [0] Status of left rocker object [1] Status of right rocker obj. [2]
The LED below the left rocker can be set to display the status of an object (either object [0], object [1], or object [2]) or to use as an orientation light.	

Right rocker:

General	Left rocker	Right rocker
Function of right rocker		
		Shutter
Upper / lower contact		
		Shutter, up / down
Function of centre LED		
		Off

Parameters	Settings
Function of right rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
This parameter governs the operating mode to the right rocker. According to the mode selected, the "Right rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [3] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below: Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)	
Upper / Lower contact	Shutter, Up/Down Shutter, Down/Up
This parameter defines the operating mode to the rocker top and the rocker bottom of the right rocker. When using the default setting, a short operation of the rocker top opens the louvres by one step with an "Off" telegram and a short operation of the rocker bottom closes the louvres by one step with an "On" telegram. A long operation of the rocker top raises (up) the blinds with an "Off" telegram and a long operation of the rocker bottom lowers (down) the blinds with an "On" telegram.	
Function of centre LED	Off On Status of right rocker obj. [2] Status of right rocker obj. [3] Status of left rocker object [0]
The LED below the right rocker can be set to display the status of an object (either object [2], object [3], or object [0]) or to use as an orientation light.	

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Communication Objects (Dimming with stop telegram)

Phys. Addr.	Program	no.	Function	Object name	Type
01.01.056	12 S2 On-off-toggle/Dim/Shu/Display 221301				
		0	On / Off	Dimming On / Off left rocker	1 Bit
		1	Brighter / Darker	Dimming left rocker	4 Bit
		2	On / Off	Dimming On / Off right rocker	1 Bit
		3	Brighter / Darker	Dimming right rocker	4 Bit

Note:

The order of the entries may vary from the above due to individual customization of the table.
All objects that correspond with a user operation have to be assigned to a group address.

Obj	Function	Object name	Type	Flags
0	On/Off	Dimming On/Off left rocker	1-Bit	CUWT
This is the switching object of the left rocker to short switch operations: When using the default setting (see parameter window "Left rocker Upper/Lower contact"), a operation of the rocker top sends an "On" telegram and a operation of the rocker bottom sends an "Off" telegram. When set to "Toggle/ Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.				
1	Brighter/darker	Dimming left rocker	4-Bit	CUWT
This is the switching object of the left rocker switch to sending a dimming telegram on a long switch operation: a operation of the rocker top sends a "Darker" telegram and a operation of the rocker bottom sends a "Darker" telegram. On releasing the rocker the "stop" telegram is sent.				
2	On/Off	Dimming On/Off right rocker	1-Bit	CUWT
This is the switching object of the right rocker to short switch operations: When using the default setting (see parameter window "Left rocker Upper/Lower contact"), a operation of the rocker top sends an "On" telegram and a operation of the rocker bottom sends an "Off" telegram. When set to "Toggle/ Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.				
3	Brighter / Darker	Dimming right rocker	4-Bit	CUWT
This is the switching object of the right rocker switch to sending a dimming telegram on a long switch operation: a operation of the rocker top sends a "Darker" telegram and a operation of the rocker bottom sends a "Darker" telegram. On releasing the rocker the "Stop" telegram is sent.				

Maximum number of group addresses: 13
Maximum number of assignments: 13

Parameters (Dimming with stop telegram)

Left rocker:

General	Left rocker	Right rocker
Function of left rocker		
		Dimming with stop telegram
Upper / lower contact		
		On / off
Function of left LED		
		Off

Parameters	Settings
Function of left rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
This parameter governs the operating mode of the left rocker. According to the mode selected, the "Left rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [1] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below: Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)	
Upper / Lower contact	Toggle/Toggle On/Off
This parameter defines the operating mode to the rocker top and the rocker bottom of the left rocker. When using the default setting a short operation of the rocker top sends an "On" telegram and a short operation of the rocker bottom sends an "Off" telegram. A long operation (see parameter "Long switch operation min.") of the rocker top sends a "Darker" telegram and a long operation of the rocker bottom sends a "Darker" telegram. On releasing the rocker the "Stop" telegram is sent. When set to "Toggle/Toggle", a telegram is sent ("On" or "Off") on a short switch operation appropriate to change the actual signal status. Like the "On/Off" mode, this does not affect any dimming operations.	
Function of left LED	Off On Status of left rocker object [0] Status of right rocker obj. [2]
The two LEDs (left and right below the rocker) can be set to display the status of an object (object [0] or object [2]) or to use as orientation lights.	

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Right rocker:

General	Left rocker	Right rocker
Function of right rocker		Dimming with stop telegram
Upper / lower contact		On / off
Function of centre LED		Off

Parameters	Settings
Function of right rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
<p>This parameter governs the operating mode of the right rocker. According to the mode selected, the "Right rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [3] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below:</p> <p>Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)</p>	
Upper / lower contact	Toggle/Toggle On/Off
<p>This parameter defines the operating mode to the rocker top and the rocker bottom of the right rocker. When using the default setting a short operation of the rocker top sends an "On" telegram and a short operation of the rocker bottom sends an "Off" telegram.</p> <p>A long operation (see parameter "Long switch operation min.") of the rocker top sends a "Darker" telegram and a long operation of the rocker bottom sends a "Darker" telegram. On releasing the rocker the "Stop" telegram is sent</p> <p>When set to "Toggle/Toggle", a telegram is sent ("On" or "Off") on a short switch operation appropriate to change the actual signal status. Like the "On/Off" mode, this does not affect any dimming operations.</p>	
Function of centre LED	Off On Status of right rocker obj. [2] Status of left rocker object [0]
<p>The two LEDs (left and right below the rocker) can be set to display the status of an object (object [0] or object [2]) or to use as orientation lights.</p>	

Communication Objects (Dim. with cyclical sending)

Phys. Addr.	Program	no.	Function	Object name	Type
		01.01.056	12 S2 On-off-toggle/Dim/Shu/Display 221301		
		0	On / Off	Dimming On / Off left rocker	1 Bit
		1	Brighter / Darker	Dimming left rocker	4 Bit
		2	On / Off	Dimming On / Off right rocker	1 Bit
		3	Brighter / Darker	Dimming right rocker	4 Bit

Note:

The order of the entries may vary from the above due to individual customization of the table.
All objects that correspond with a user operation have to be assigned to a group address.

Obj	Function	Object name	Type	Flags
0	On/Off	Dimming On/Off left rocker	1-Bit	CUWT
<p>This is the switching object of the left rocker to short switch operations: When using the default setting (see parameter window "Left rocker Upper/Lower contact"), a operation of the rocker top sends an "On" telegram and a operation of the rocker bottom sends an "Off" telegram. When set to "Toggle/Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.</p>				
1	Brighter/Darker	Dimming left rocker	4-Bit	CUWT
<p>This is the switching object of the left rocker to sending a dimming telegram on a long switch operation: a operation of the rocker top repeatedly sends a "Darker" telegram and a operation of the rocker bottom sends a "Darker" telegram with the frequency specified in the parameter "Interval for cyclical sending".</p>				
2	On/Off	Dimming On/Off right rocker	1-Bit	CUWT
<p>This is the switching object of the right rocker to short switch operations: When using the default setting (see parameter window "Right rocker Upper/Lower contact"), a operation of the rocker top sends an "On" telegram and a operation of the rocker bottom sends an "Off" telegram. When set to "Toggle/Toggle", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.</p>				
3	Brighter /Darker	Dimming right rocker	4-Bit	CUWT
<p>This is the switching object of the right rocker to sending a dimming telegram on a long switch operation: a operation of the rocker top repeatedly sends a "Darker" telegram and a operation of the rocker bottom sends a "Darker" telegram with the frequency specified in the parameter "Interval for cyclical sending".</p>				

Maximum number of group addresses: 13
Maximum number of assignments: 13

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Parameters (Dim. with cyclical sending)

Left rocker:

General	Left rocker	Right rocker
Function of left rocker		
		Dimming with cyclical sending
Upper / lower contact		
		On / off
Long switch operation		
		adjust by 1/8
Function of left LED		
		Off

Parameters	Settings
Function of left rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
This parameter governs the operating mode of the left rocker. According to the mode selected, the "Left rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [1] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below: Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)	
Upper / lower contact	Toggle/Toggle On/Off
This parameter defines the operating mode to the rocker top and the rocker bottom of the left rocker. When using the default setting, a short operation of the rocker top sends an "On" telegram and a short operation of the rocker bottom sends an "Off" telegram. A long operation (see parameter "Long switch operation min.") of the rocker top repeatedly sends a "Darker" telegram and a long operation of the rocker bottom repeatedly sends a "Darker" telegram with the frequency specified in the parameter list (see parameter "Interval for cyclical sending") until the rocker is released. When set to "Toggle/Toggle", a telegram is sent ("On" or "Off") on a short switch operation appropriate to change the actual signal status. Like the "On/Off" mode, this does not affect any dimming operations.	
Long switch operation	adjust by 100% adjust by 1/2 adjust by 1/4 adjust by 1/8 adjust by 1/16 adjust by 1/32 adjust by 1/64
This parameter defines the change in light intensity a dimming telegram is to establish on a long switch operation. When set to e.g. "adjust by 1/8", 8 dimming telegrams are required to change the light intensity from 0% to 100%.	
Function of left LED	Off On Status of left rocker object [0] Status of right rocker obj. [2]
The two LEDs (left and right below the rocker) can be set to display the status of an object (object [0] or object [2]) or to use as orientation lights.	

Right rocker:

General	Left rocker	Right rocker
Function of right rocker		
		Dimming with cyclical sending
Upper / lower contact		
		On / off
Long switch operation		
		adjust by 1/8
Function of centre LED		
		Off

Parameters	Settings
Function of right rocker	Switch Shutter Dim. with stop telegram Dim. with cyclical sending
This parameter governs the operating mode of the right rocker. According to the mode selected, the "Right rocker" parameter window displays the appropriate parameters in their default setting. Furthermore, the type of object [1] changes automatically (e.g. from 1 bit to switching to 4 bit to dimming) as given below: Switching (object type: 1 bit) Shutter (object type: 1 bit) Dimming by stop telegram (object type: 4 bit) Dimming by cyclic sending (object type: 4 bit)	
Upper / lower contact	Toggle/Toggle On/Off
This parameter defines the operating mode to the rocker top and the rocker bottom of the right rocker switch. When using the default setting, a short operation of the rocker top sends an "On" telegram and a short operation of the rocker bottom sends an "Off" telegram. A long operation (see parameter "Long switch operation min.") of the rocker top repeatedly sends a "Darker" telegram and a long operation of the rocker bottom repeatedly sends a "Darker" telegram with the frequency specified in the parameter list (see parameter "Interval for cyclical sending") until the rocker is released. When set to "Toggle/Toggle", a telegram is sent ("On" or "Off") on a short switch operation appropriate to change the actual signal status. Like the "On/Off" mode, this does not affect any dimming operations.	
Long switch operation	adjust by 100% adjust by 1/2 adjust by 1/4 adjust by 1/8 adjust by 1/16 adjust by 1/32 adjust by 1/64
This parameter defines the change in light intensity a dimming telegram is to establish on a long switch operation. When set to e.g. "adjust by 1/8", 8 dimming telegrams are required to change the light intensity from 0% to 100%.	
Function of centre LED	Off On Status of right rocker obj. [2] Status of left rocker object [0]
The two LEDs (left and right below the rocker) can be set to display the status of an object (object [0] or object [2]) or to use as orientation lights.	

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Notes: