

12 S1 On-off-toggle/Display 210F01

Devices Employing the Program

Product family: Push Button
 Product type: Push Button, single
 Manufacturer: Siemens

Name: DELTA BCU, single
 (push button type)
 Order-no.: 5WG1 116-2AB21

Application Description

The application program "12 S1 On-off-toggle/ Display 210F01" provides parameters to switching tasks (on/off/over) with the push button single, DELTA BCU (push button type).

The parameter "Rocker mode" holds the operating mode to the rocker. Upon changing modes the telegrams sent by object [0] automatically change accordingly (e.g. from "Toggle" to "On" or "Off").

Push button

The various modes can be selected to the rocker by setting the parameter "Push button" accordingly:

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

LED display

The two LEDs situated above the rocker can be set (together only) to display the status of object [0] or to use as an orientation light.

Communication Objects

Phys. Addr.		Program	
no.	Function	Object name	Type
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0	Toggle	Switch	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	1-Bit	CWTU

This parameter governs the operating mode to the rocker. According to the parameter settings (see parameter: "Push button ") "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: 3
 Maximum number of assignments: 3

Parameters

Rocker:

Push button

Function of push button:

Function of LED:

Parameters	Settings
Function of push button	On Off Toggle

This parameter governs whether "On" or "Off" telegrams are sent via object [0] on operating the rocker. When set to "over", telegrams are sent ("On" or "Off") appropriate to change the actual signal status.

Function of LED	On Off status of push button-object [0]
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The two LEDs can be set to display the status of object [0]. Alternatively, it can be disabled ("off") or used as orientation light ("on").

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Notes: