Push button BCU 1gang, Flush-mounted (Up) 75141000
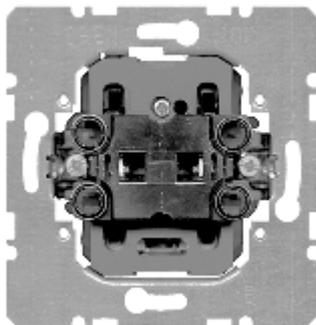
Berker

The push button BCU 1gang is a bus coupling unit combined with a microswitch and a mechanical recording unit for rockers for all Berker standard and area programs in the module system.

Depending on the parameter settings, when the switch is pressed a switching telegram is sent into the system. Along with a static setting of the LED, the value of the communication object can also be displayed.

General technical data:

Terminal EIB	plug-in terminal
Terminal control element	push-on with rocker adapter
Protection mode:	IP 20 (under EN 60529)
Protection class:	III (under IEC 40)
Test mark:	EIB
Ambient temperature:	- 5 °C to + 45 °C
Storage temperature:	-25 °C to +70 °C
Mounting position:	any (not with 230 V appliances or leads in one outlet)
Minimum clearances:	none
Fixing method:	installation in appliance connector boxes ($\varnothing$ 60 mm, 40 mm deep) or in combined wall and joint boxes ($\varnothing$ 60 mm, 60 mm deep)

Supply *instabus* EIB:

Voltage:	24 V DC (+6 V / -4 V)
Terminal:	instabus supply terminal and branch terminal

Behaviour on voltage loss:

Bus voltage only:	No telegrams sent.

Behaviour on reconnection:

Bus voltage only:	No telegrams sent.

Product management
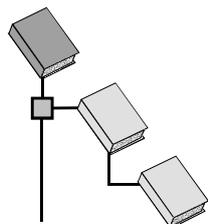
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- ⊠ **Berker**
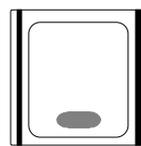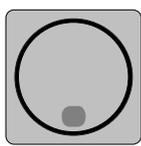- ⊠ **Push button**
- ⊠ **Push button 1gang**
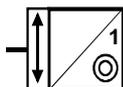
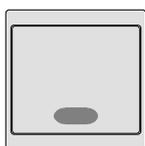Push button BCU 1gang Up

Order no. 75141000

Switching 105501

General information

The push button BCU 1gang Up is equipped with an LED. In combination with the rocker with lens the switch can be used as orientation lighting along with the presentation of the object and switching status.

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Version: 13.07.2001
75141000.doc

Page: 1 / 2
Part 2

Switching 105501

Application characteristics

☑ **Setting push button on ON or OFF or TOGGLE**
☑ **LED as status display, always ON or always OFF**

No. of group addresses (max.):	3
No. of allocations (max.):	3
No. of objects:	1

Communication objects: **Switching**

Application: Switches 105501						
	Obj	*Function*	*Name*	*Type*	*Prio*	*Flag*
⊡⇄	0	Switching	Input	1 bit	Auto	C W R T

Object of function Switching:

- Switching push button: when appropriate rocker is activated sends a switching telegram with the transmitting group address. This and up to 2 additional allocated group addresses can also be received, to alter the object value and in this way to control the LEDs (LED = Object 0) with the appropriate setting.

Parameter description of the function Switching:

Push button N: Parameters of function Switching	
Command at pushing the push button	ON, OFF, **TOGGLE**
Function of the status LED	**always OFF** always ON status indication

⊘ **Command at pushing the push button :** the rocker can be triggered by a switching function. The toggle function inverts with every push the object value, and therefore the information content of the telegram, each time the push button is activated. If the corresponding actuators are controlled by other functions (group adresses, e.g. a central switch), the push button BCU 1gang switch must be "informed" about these functions. These group addresses must be restored to the switch object as a receiving group addresses. Up to 2 additional functions can be allocated.

⊘ **Function of the N status LED:** the status LED enables an individual setting: always ON for orientation lighting (rockers with lenses) or always OFF (rockers without lenses). In accordance with the parameters the status LED can also be allocated directly to the communications object.

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Version: 13.07.2001
75141000.doc

Page: 2 / 2
Part 2