

Berker B.IQ

A wide array of alternative materials and colours have been added to the convenient variety of KNX functionality of the Berker B.IQ.

- Frameless KNX push-button with full-material rockers (glass, stainless steel and aluminium)
 - High scope of functions in the KNX applications through to devices with integrated thermostats
 - The attractive appearance is rounded off using white status LEDs and a blue operation LED
 - Suitable variants for all materials and colours of sockets in the Berker B.7 switch range
- Available materials: plastic and glass in polar white, black and aluminium. Metal variants in aluminium and stainless steel

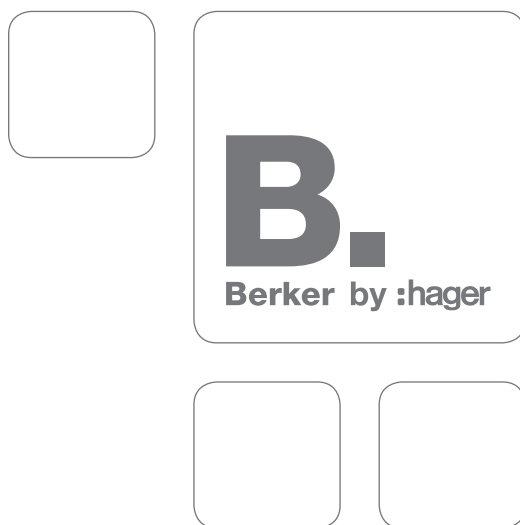


Push-buttons 18

Light scenes push-buttons 21

Push-buttons with thermostat 22

Labelling fields 24



- For suitable frames in the same "style" for additional applications, see the Design line B.7
- For additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x

Push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- For installation in single standard wall boxes
- With dismantling protection



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=	- with programming button and red programming LED
Power consumption, KNX	≈ 100 mW	- as interface between KNX user module and bus line
Operating temperature	-5 ... +45 °C	- bus connection via connecting terminal
Insertion depth	23 mm	- without spreader claws

Design	Order no.	PU
Bus coupling unit flush-mounted	7504 00 01	1



B.IQ push-button 1gang comfort

Operating temperature	-5 ... +45 °C	- single and two push-button operation parameterisable
Dimensions (W x H)	88.5 x 88.5 mm	- one push-button operation for switching, pushing, shutters and dimming
		- activation of second user level via object
		- with blue operation LED and 2 white status LEDs (labelling field lighting)
		- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
		- cyclic transmission can also be started via switching object
		- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	7516 15 99	1
Aluminium, aluminium anodised	7516 15 94	1
Stainless steel, metal brushed	7516 15 93	1
glass polar white	7516 15 90	1
glass black	7516 15 92	1



B.IQ push-button 2gang comfort

Operating temperature	-5 ... +45 °C	- single and two push-button operation parameterisable
Dimensions (W x H)	88.5 x 88.5 mm	- one push-button operation for switching, pushing, shutters and dimming
		- activation of second user level via object
		- with blue operation LED and 4 white status LEDs (labelling field lighting)
		- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
		- cyclic transmission can also be started via switching object
		- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	7516 25 99	1
Aluminium, aluminium anodised	7516 25 94	1
Stainless steel, metal brushed	7516 25 93	1
glass polar white	7516 25 90	1
glass black	7516 25 92	1



B.IQ push-button 3gang comfort

Operating temperature
Dimensions (W x H)

-5 ... +45 °C
88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 6 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	7516 35 99	1
Aluminium, aluminium anodised	7516 35 94	1
Stainless steel, metal brushed	7516 35 93	1
glass polar white	7516 35 90	1
glass black	7516 35 92	1



B.IQ push-button 4gang comfort

Operating temperature
Dimensions (W x H)

-5 ... +45 °C
88.5 x 118.1 mm

- single and two push-button operation parameterisable
- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	7516 45 99	1
Aluminium, aluminium anodised	7516 45 94	1
Stainless steel, metal brushed	7516 45 93	1
glass polar white	7516 45 90	1
glass black	7516 45 92	1



B.IQ push-button 1gang

Operating temperature
Dimensions (W x H)

-5 ... +45 °C
88.5 x 88.5 mm

- with blue operation LED and 2 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	7516 10 99	1
Aluminium, aluminium anodised	7516 10 94	1
Stainless steel, metal brushed	7516 10 93	1
glass polar white	7516 10 90	1
glass black	7516 10 92	1



B.IQ push-button 2gang

Operating temperature
Dimensions (W x H)

-5 ... +45 °C
88.5 x 88.5 mm

- with blue operation LED and 4 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	7516 20 99	1
Aluminium, aluminium anodised	7516 20 94	1
Stainless steel, metal brushed	7516 20 93	1
glass polar white	7516 20 90	1
glass black	7516 20 92	1



B.IQ push-button 3gang

Operating temperature
Dimensions (W x H)

-5 ... +45 °C
88.5 x 88.5 mm

- with blue operation LED and 6 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	7516 30 99	1
Aluminium, aluminium anodised	7516 30 94	1
Stainless steel, metal brushed	7516 30 93	1
glass polar white	7516 30 90	1
glass black	7516 30 92	1



B.IQ push-button 4gang

Operating temperature
Dimensions (W x H)

-5 ... +45 °C
88.5 x 118.1 mm

- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	7516 40 99	1
Aluminium, aluminium anodised	7516 40 94	1
Stainless steel, metal brushed	7516 40 93	1
glass polar white	7516 40 90	1
glass black	7516 40 92	1

Light scenes push-buttons



B.IQ push-button 4gang for light scenes

Number of load groups (increase on cascading)	8	- retrieval, adjustment and storage of 8 light scenes
Light scenes	max. 8	- light scene push-buttons can be cascaded
Operating temperature	-5 ... +45 °C	- second operating level for setting load groups via 3-button actuation
Dimensions (W x H)	88.5 x 118.1 mm	- with blue operation LED and 8 white status LEDs (labelling field lighting)
		- dimming / position value transmitter 1 byte
		- for installation in single standard wall boxes
		- with anti-dismantling protection

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	7516 86 99	1
Aluminium, aluminium anodised	7516 86 94	1
Stainless steel, metal brushed	7516 86 93	1
glass polar white	7516 86 90	1
glass black	7516 86 92	1

Push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- With blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- With room temperature timer and 2-week timer functions
- Button help function can be activated
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- Text display (ASCII-format)
- LC display with symbols and illumination switchable via object
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit, 1 or 2 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



Flush-mounted bus coupling unit for B.IQ with thermostat

Operating voltage over bus	21 ... 32 V=	- for B.IQ push-buttons with thermostat and display or Bluetooth gateways
Operating temperature	-5 ... +45 °C	- with programming button and red programming LED
Insertion depth	20 mm	- bus connection via connecting terminal
		- without spreader claws

Design	Order no.	PU
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	1



B.IQ push-button 3gang with thermostat

- Display			
Operating temperature	-5 ... +45 °C	Suitable for Flush-mounted bus coupling unit for B.IQ with thermostat	Order no. 7504 00 03
Dimensions (W x H)	88.5 x 119.6 mm	optional B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80

Design	Order no.	PU
polar white matt	7566 35 99	1
Aluminium, aluminium anodised	7566 35 94	1
Stainless steel, metal brushed	7566 35 93	1
glass polar white	7566 35 90	1
glass black	7566 35 92	1



B.IQ push-button 4gang with thermostat

- Display



Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 149.2 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	7566 45 99	1
Aluminium, aluminium anodised	7566 45 94	1
Stainless steel, metal brushed	7566 45 93	1
glass polar white	7566 45 90	1
glass black	7566 45 92	1



B.IQ push-button 5gang with thermostat

- Display



Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 178.8 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional B.IQ labelling field for push-buttons 5gang	7590 00 82	24

Design	Order no.	PU
polar white matt	7566 55 99	1
Aluminium, aluminium anodised	7566 55 94	1
Stainless steel, metal brushed	7566 55 93	1
glass polar white	7566 55 90	1
glass black	7566 55 92	1



B.IQ IR push-button 3gang with thermostat

- Display



Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 128.6 mm

- IR telegram with RC5 coding parameterisable per push-button

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24
Hand-held transmitter for B.IQ IR push-button 2779		24

Design	Order no.	PU
polar white matt	7566 36 99	1
Aluminium, aluminium anodised	7566 36 94	1
Stainless steel, metal brushed	7566 36 93	1
glass polar white	7566 36 90	1
glass black	7566 36 92	1



B.IQ IR push-button 4gang with thermostat

- Display



Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 158.2 mm

- IR telegram with RC5 coding parameterisable per push-button

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional B.IQ labelling field for push-buttons 4gang	7590 00 81	24
Hand-held transmitter for B.IQ IR push-button 2779		24

Design	Order no.	PU
polar white matt	7566 46 99	1
Aluminium, aluminium anodised	7566 46 94	1
Stainless steel, metal brushed	7566 46 93	1
glass polar white	7566 46 90	1
glass black	7566 46 92	1



B.IQ IR push-button 5gang with thermostat

- Display



Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 187.8 mm

- IR telegram with RC5 coding parameterisable per push-button

Design	Order no.	PU
polar white matt	7566 56 99	1
Aluminium, aluminium anodised	7566 56 94	1
Stainless steel, metal brushed	7566 56 93	1
glass polar white	7566 56 90	1
glass black	7566 56 92	1

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	24
Hand-held transmitter for B.IQ IR push-button	2779	24



Hand-held transmitter for B.IQ IR push-button

Operating voltage 6 V=
IR range ≈ 10 m
Number of IR channels 24
Dimensions (L x W x H) 192 x 53 x 23 mm
Battery service life [years] ≈ 3

- RC5 code
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; dimmer)
- with child lock

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.
For battery-operated IR remote control of all assigned IR receivers.

Design	Order no.	PU
anthracite matt	2779	1

Suitable for	Order no.	Page
B.IQ IR push-button 3g. w. thermostat	7566 36 9 ..	23
B.IQ IR push-button 4g. w. thermostat	7566 46 9 ..	23
B.IQ IR push-button 5g. w. thermostat	7566 56 9 ..	24

Labelling fields



B.IQ labelling field for push-buttons 1 to 3gang

Dimensions (W x H x D) 151.6 x 85 x 5.7 mm - can be illuminated by status LED

Design	Order no.	PU
clear, transparent	7590 00 80	1



B.IQ labelling field for push-buttons 4gang

Dimensions (W x H x D) 151.6 x 114.6 x 5.7 mm - can be illuminated by status LED

Design	Order no.	PU
clear, transparent	7590 00 81	1



B.IQ labelling field for push-buttons 5gang

Dimensions (W x H x D) 151.6 x 144.2 x 5.7 mm - can be illuminated by status LED

Design	Order no.	PU
clear, transparent	7590 00 82	1