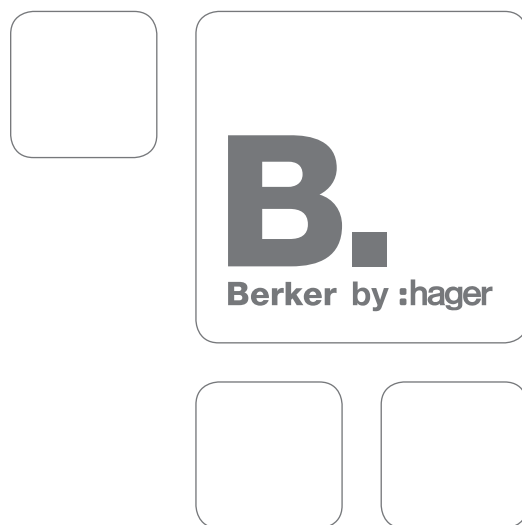# Berker B.IQ

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

B.

Berker by :hager

– 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
Dimensions (W x H)	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 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
Dimensions (W x H)	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 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	-5 ... +45 °C
Dimensions (W x H)	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	-5 ... +45 °C
Dimensions (W x H)	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	-5 ... +45 °C
Dimensions (W x H)	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	-5 ... +45 °C
Dimensions (W x H)	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	-5 ... +45 °C
Dimensions (W x H)	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	-5 ... +45 °C
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

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
Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

– retrieval, adjustment and storage of 8 light scenes
– light scene push-buttons can be cascaded
– second operating level for setting load groups via 3-button actuation
– 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)
- Wth 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=	
Operating temperature	-5 ... +45 °C	
Insertion depth	20 mm	

- for B.IQ push-buttons with thermostat and display or Bluetooth gateways
- with programming button and red programming LED
- 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

14:23			

		Suitable for	Order no.	Page
		Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
		optional		
Operating temperature	-5 ... +45 °C	B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24
Dimensions (W x H)	88.5 x 119.6 mm			

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

`14:23`

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

`14:23`

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

`14:23`

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

`14:23`

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

`14:23`

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 187.8 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 5gang	7590 00 82	24
Hand-held transmitter for B.IQ IR push-button	2779	24

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

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

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.

– 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

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

Design	Order no.	PU
anthracite matt	**2779**	1

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