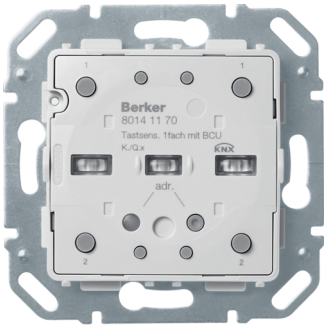

80141170

IP20 °C

Push-button module 1gang, intg temp. sensor, intg bus coupling unit, KNX - K.1

Technical characteristics

Functions

Easy link functions	operating concept "independent push-button" function predefined ; operating concept for "roller shutter/blind" function predefined ; switching of scenes (1..8) possible ; brightness value of the status LED for day/nighttime operation preset, change-over for day/nighttime operation possible ; integrated temperature sensor with output of the measured values ; Colour of status LED uniformly adjustable for complete device ; push-button functions: including switching, dimming, roller shutter/blind, timer, priority, operating mode changeover
Function	Function for manual interruption of automatic functions already triggered
Function	operating surfaces as buttons (single-surface operation) and rockers (two-surface operation) ; the brightness of status LEDs are individually adjustable for button/ rocker function ; brightness value of the status LEDs for day/nighttime operation adjustable via object or manually ; value transmitter for dimming, position, brightness temperature values 1 and 2 byte ; integrated temperature sensor with output of the measured values via object ; parameter defineable lock function ; button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, automatic control deactivation

Controls and indicators

Operation	operating areas configurable as one or two-area operation
Button / push-button	with programming button and red programming LED

Voltage

Operating voltage over bus	21...32 V DC

Electric current

Bus current consumption (data transfer)	max. 10 mA

Dimensions

Insertion depth	31 mm
Height	71 mm

Power

Power consumption, KNX	≈ 108 mW

Materials

RAL colour	RAL 7035 - Light grey
Type of surface treatment	untreated

LED control	
LED - KNX	with one RGB status LED configurable in brightness and colour

Connection	
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal

Settings	
Supported configuration modes	system, easy

Equipment	
Product type:	product type: push-button 1gang
Buzzer/siren	with integrated buzzer for acoustic identification of the device within the system

Use	
Differentiation characteristic 1 - Sales	with RGB LED
Differentiation characteristic 2 - Sales	with integrated temperature sensor
Differentiation characteristic 3 - Sales	with integral bus coupling unit

Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Protection	with dismantling protection

Use conditions	
Operating temperature	-5…45 °C
Storage/transport temperature	-20…70 °C (storage at > 45°C reduces the service life)
Temperature	integrated temperature sensor with output of the measured values via object

Identification	
Application, usage	KNX - operating systems
Product family	product family: push-button
Main design line	KNX - Berker Q.x/K.x
Secondary design line(s)	KNX ; Berker Q.1 ; Berker Q.3 ; Berker Q.7 ; Berker Q.9 ; Berker K.1 ; Berker K.5