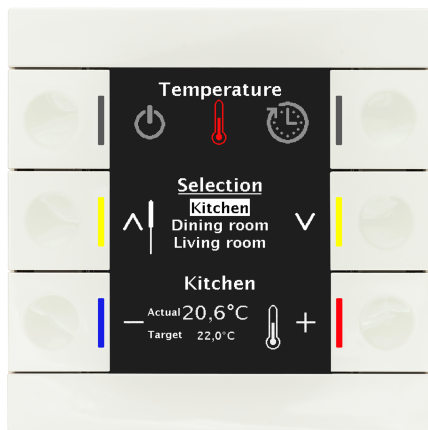


BE-BZS86.01

KNX Central Operation Unit Smart 86 with colour display, Plastic, Pure White glossy finish



Product description:

The Central Operation Unit Smart 86 combines a multitude of functions in one device and represents a central operating device for the Smart Home. By means of 6 mechanical buttons, 4 frequently used direct control functions and up to 20 functions can be realised in a structured menu. Each function can be automatised with the integrated astro timer. With temperature sensor and integrated Room Temperature Controller.

Product functions:

- **Large, active colour display (automatic brightness adjustment)**
- **Four direct operating functions for frequently used functions**
- **20 functions via menu and time switch** (e.g. dimming/ blinds/ switching/ sending values/ scenes/ temperature setpoints)
- **Code lock with 4-6 digits**, to lock and unlock the device or alarm activation
- **Daily-/weekly-/astro switch function** (20 channels each with 6 switching times)
- **Holiday function with time frame activation**
- **Automatic bank holiday calculation**
- **Comfortable room temperature controller with temperature sensor**
- **Ventilation control with manual and automatic operation**
- **Display of inside-/outside temperature, setpoint value and time of day/date**
- **Display of status information (1 Bit) and notification (14 Byte)**
- 6 status LEDs independently controllable
- 6 logic blocks each with 4 inputs
- **No additional power supply required**
- Installation in an installation box using the included installation frame
- Dimensions (H x W): 86 x 86 mm
- Recommended installation height: 1.60 m
- Integrated Bus coupler
- 3 year warranty

Technical data:

Device	Device type	BE Central Operation Unit
	Article Number	BE-BZS86.01
	EAN / GTIN	4251916110147
	Colour	Pure White, glossy finish
	Display	Active colour display
	Dimensions (H x W x D)	86 x 86 x 29 mm
	Weight, gross (incl. packaging)	0.121 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Included carrying ring	Carrying ring B
	Recommended installation height	1.6 m
	Installation position	any
	Clock Accuracy	Deviation < 5 min/year
	Power reserve clock	1 Day
	Timer Channels	20
	Switching times per channel	6
	Weight, net	0.096 kg
Operation	Number of buttons	6
	Number of LEDs	6 x RGBW (status)
Inputs	Measuring range for temperature	0 ... 40 °C
Outputs	Number of integrated temperature controllers	1
	Room temperature control range	18 ... 25 °C
	Temperature range for messages	1 ... 40 °C
	Orientation light function	Yes
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,6 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 5 (latest)
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No

Technical data:

Connections	Temperature sensor	Integrated
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

Wiring diagram:

