

FEATURES

- Climate control for up to 14 rooms.
- DIN rail unit assembly (EN 50022), with snap fit clamp.
- Size 90 x 60 x 35 mm (2 DIN units).
- KNX BCU integrated.
- Total data saving on KNX bus power failure.
- CE directives compliant.

1. Programming button	2. Programming LED	3. Slave status LED	4. Master status LED
5. No slave notification LED	6. Configuration error LED	7. KNX Connector	

Programming button: short button press to set the programming mode. If this button is held while plugging the device into the KNX bus, it goes into safe mode.

Programming LED: programming mode indicator (red). When the device goes into safe mode, it blinks (red) every half second.

Master status LED: in green if the device is configured as master.

Slave status LED: in green if the device is configured as slave.

No slave notification LED: in orange if there is not slave in the installation.

Configuration error LED: blinking in red if there is an error in the parameterization.

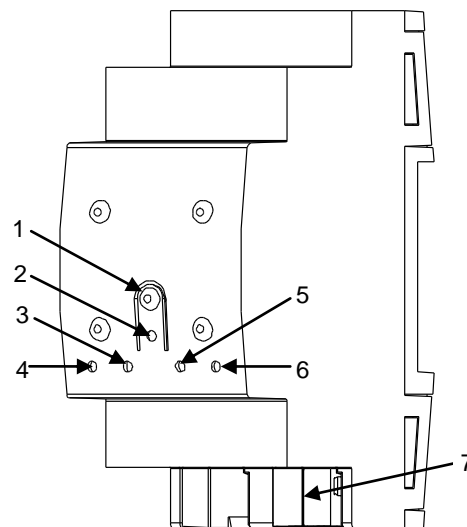


Figure 1: Multiroom Climate Controller

GENERAL SYSTEM SPECIFICATIONS

Concept			Description	
Type of device			Electric operation control device	
KNX Supply	Voltage (typical)		29V DC SELV	
	Voltage range		21...31V DC	
	Max consumption	Voltage	mA	mW
		29VDC (typical)	5.7	165
		24VDC ⁽¹⁾	10	240
Bus connection		Typical bus connector TP1, 0.50 mm² section		
Working temperature			from 0°C to +55°C	
Storage temperature			from -20°C to +70°C	
Ambient humidity (relative)			5% to 95% RH (no condensation)	
Storage humidity (relative)			5% to 95% RH (no condensation)	
Complementary characteristics			Class B	
Safety class			III	
Operation type			Continuous operation	
Device action type			Type 1	
Electrical solicitations period			Long	
Type of protection			IP20, clean environment	
Assembly			Independent control assembly device to be mounted inside of electrical panels with DIN rail (EN 50022)	
KNX bus failure response			Data saving	
Response when restarting KNX bus			Data recovering and sending according to parameterization when recovering	
Operation indication			Programming LED indicates programming mode (red) or safe mode (blinking red). Slave or master LED indicate if the device acts as slave or master in the installation. If there is not a slave in the installation the no slave notification LED will light in orange. Configuration error LED blinks every second in red if there is any error in the parameterization.	
Weight			63g	
PCB CTI index			175 V	
Enclosure			PC FR V0 halogen free	

⁽¹⁾ Maximum consumption in the worst case scenario (KNX Fan-In model)



SAFETY INSTRUCTIONS

- Do not connect Mains Voltage (230 V) or any other external voltages to any point of the bus. Connecting an external voltage might put the entire KNX system at risk.
- Make sure during the installation that there is always sufficient insulation between the mains voltage 230V and the bus or the extension inputs.
- The WEEE logo means that this device contains electronic parts and it must be discarded properly following the instructions of <http://zennio.com/weee-regulation>.