

## Description

### WAREMA climatronic®

### WAREMA climatronic® control panel 3.0



The control panel for the WAREMA climatronic® system processes incoming data from connected sensors, compares them to the individual settings, and transmits commands to the actuators via the climabus.

#### Features

- For versions 3.0 and higher, the WAREMA climatronic® system can also be operated with WAREMA climatronic® WebControl
- One control panel is required for every WAREMA climatronic® system
- three different colour options
- Management of up to 64 channels per WAREMA climatronic® system
- for controlling up to 1,200 actuators (max. 7,200 power consumers)
- Operation of the connected power consumers is possible either individually or in groups
- up to 16 scenes can be set
- integrated temperature and humidity sensor
- connection of two further inside temperature/humidity sensors possible
- sun position-dependent slat tracking for external venetian blinds
- Up to three WAREMA climatronic® weather stations or three WAREMA climatronic® sensor interfaces or combined systems (one WAREMA climatronic® weather station + two WAREMA climatronic® sensor interfaces) can be connected
- History of important events that were e.g. responsible for triggering a move command to the sun shading system as well as of weather data
- Switching and dimming of light
- Automatic functions can be activated or deactivated for each channel
- Important safety functions (e.g. wind) are password-protected

Product	Item no.	Price in EUR
WAREMA climatronic® control panel 3.0 black	2009375	817.00
WAREMA climatronic® control panel 3.0 silver	2009374	817.00
WAREMA climatronic® control panel 3.0 black/silver	2009373	817.00
<b>Scope of delivery includes</b>		
SD memory card with WAREMA climatronic® studio software		
USB cable		

Optional accessories	Item no.	Price in EUR
EWFS hand-held transmitter, see "Technical data incl. control systems purchasing prices", page 29	–	–
Switching power supply 24 V DC, 2.5 A, AP, see "Technical data incl. control systems purchasing prices", page 236	1002648	169.00
Switching power supply 24 V DC, 2.5 A, AP, see "Technical data incl. control systems purchasing prices", page 236	1002647	169.00
UPmounting set (WAREMA climatronic®) (for flush-mounted installation of the switching power supply and a switch actuator in one single flush-mounted installation box. The cover plate of the housing is also used as a base plate for the control panel	1002237	102.00
Switching power supply 24 V DC, 1.3 A REG (for mounting set WAREMA climatronic® UP)	1002239	135.00
WAREMA climatronic® WebControl	2006861	249.00
KNX Gateway REG, see "Technical data incl. control systems purchasing prices", page 143	1002922	258.00

Technical data	
Operating voltage	24 V DC
Control	Climabus
Transmission frequency	433.92 MHz
Degree of protection	IP 30
Protection class	III
Installation	surface mounted
Dimensions	245 x 160 x 30 mm
Control functions	see matrix in "Technical data incl. control systems purchasing prices", page 20
Measuring range	
Inside temperature	0 to +50°C
Humidity	10–85 % rel. humidity

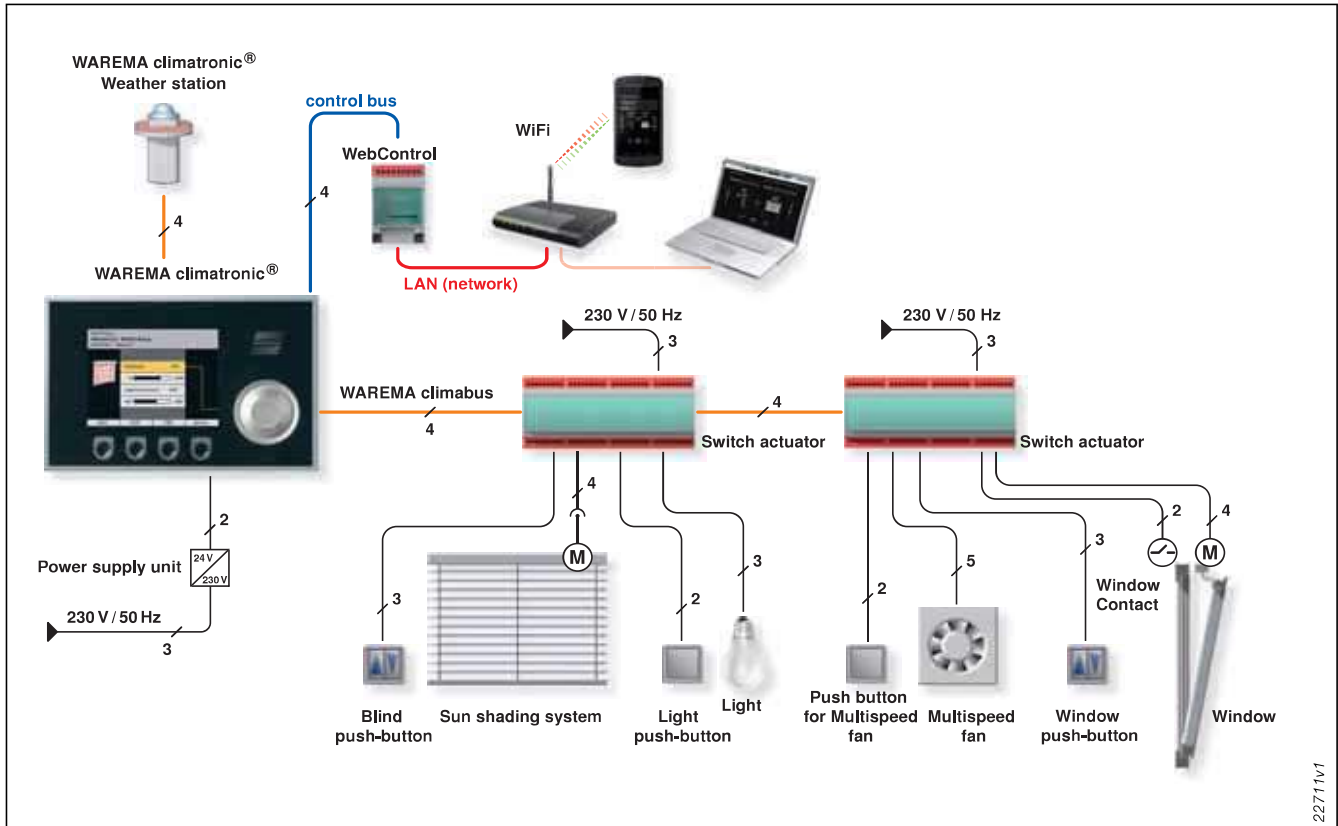
- Four sensor keys, multifunction jog dial and self-explanatory menu navigation in plain text display
- Plain text display for events and weather data on a large graphic 5.7" TFT display with lighting
- Commissioning and settings on the operating panel or with the WAREMA climatronic® studio software
- free assignment of channel, group and scenario names
- USB interface for connection to a PC
- Settings can be saved to an SD card and settings changed on a PC can be transferred back and are available, in the languages English, German, French, Italian, Spanish, Norwegian, Swedish, Japanese and Chinese
- Radio operation via EWFS hand-held or wall-mounted transmitter possible (optionally available)
- this operating device can be used as the WAREMA climatronic® KNX central control via the KNX Gateway
- **Note:** External power supply unit required (one or more power supply units required, depending on the system size)

## Description

### WAREMA climatronic®

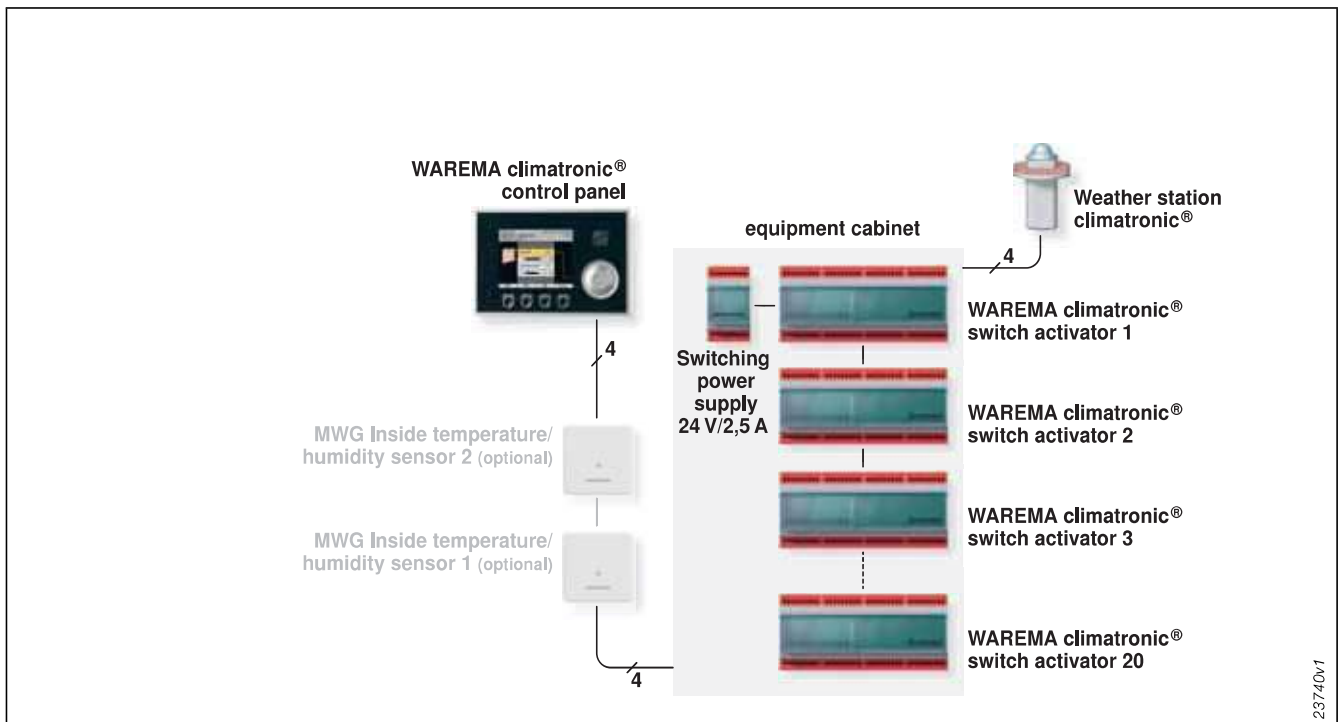
### WAREMA climatronic® operating panel 3.0

#### Operating principle



22711v1

Fig. 3: WAREMA climatronic® with switch actuators



23740v1

Fig. 4: WAREMA climatronic® with switch actuators and Inside temperature/Humidity sensor (in equipment cabinet in diagram)

## Description

# WAREMA climatronic® WAREMA climatronic® WebControl



Hardware for integrating a mobile end device as an additional “hand-held transmitter” in the WAREMA climatronic® system.  
Operated via app or web browser

Product	Item no.	Price in EUR
WAREMA climatronic® WebControl	2006861	249.00
<b>Scope of delivery includes</b>		
LAN cable 1.5 m		

Optional accessories	Item no.	Price in EUR
SD card	2005819	18.00

Technical data	
Operating voltage	24 V DC
Connections	Ethernet using RJ45 plug connector
Protection rating	IP30
Protection class	III
Installation	Rail mounting (REG)
Dimensions	3 units

## Features

- System design:
  - Direct in-house operation using the WiFi network
  - REG device is connected to the control panel via control bus and router
  - Internet connection and log-in data does not need to be passed on externally
- Operation:
  - via iOS or Android app
  - via platform-independent browsers (e.g. for Blackberry, Windows Phone, laptops etc.)
- Other advantages:
  - No monthly or annual charges
  - Free-of-charge apps in the App Store and Play Store
  - Web browser
  - SD cards for saving the configuration & update of the firmware

## Operating principle

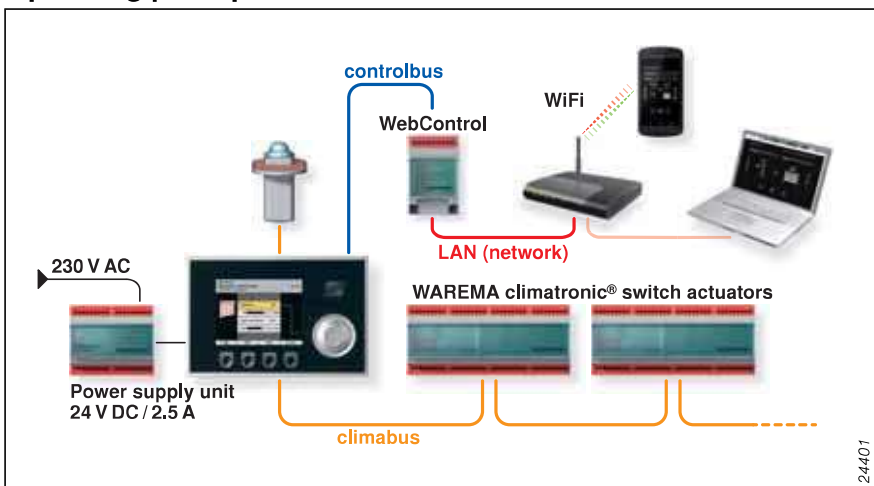


Fig. 5: WAREMA climatronic® WebControl operating principle

## Wiring diagram

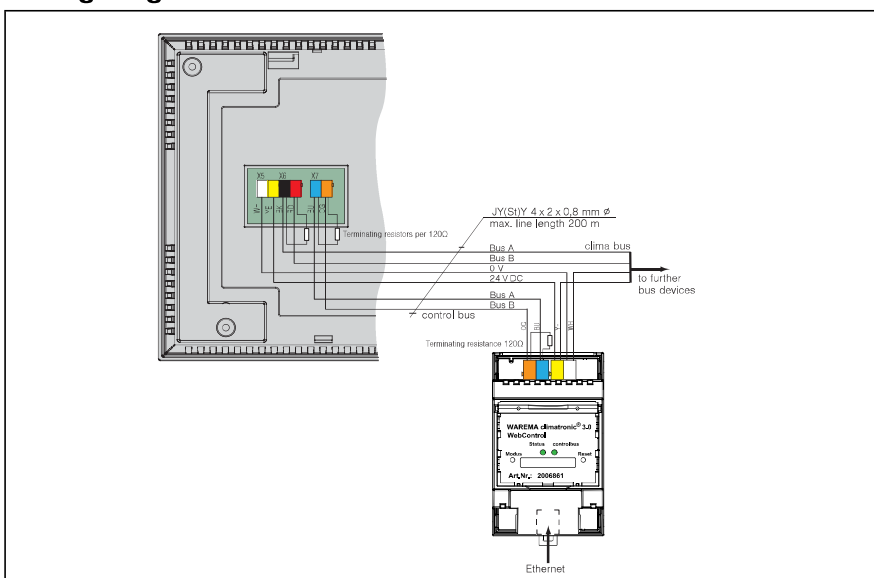


Fig. 6: WAREMA climatronic® WebControl connection diagram

## Description

### KNX

## WAREMA climatronic® 3.0 KNX weather central control unit



Central weather station for KNX bus systems for operating and parametrising the comfort and safety functions without ETS

### Features

- For version 3.0 and higher, the WAREMA climatronic® KNX system can also be operated with WAREMA climatronic® WebControl
- Sends information from up to 3 WAREMA climatronic® weather stations to KNX devices
  - 12x brightness
  - 12x wind speed
  - wind direction
  - global radiation
  - precipitation
  - outside temperature
  - time, date
- Integrated temperature and humidity sensor
- sun position-dependent slat tracking for external venetian blinds
- changes without ETS are possible
- multi-language user interface (English, German, Italian, French, Norwegian)
- Project data backed up to SD card
- Sends commands to 16 groups
  - curtain length
  - slat angle
  - up/Down
  - safety telegram for wind/ice/rain
  - position clearance
  - comfort function
  - automatic status
- Expansion to 64 groups possible
- Sends:
  - dimming commands and On/Off
  - status for absence/holiday/automatic
  - scenes

Product	Item no.	Price in EUR
WAREMA climatronic® 3.0 KNX weather centre, black	2009378	1075.00
WAREMA climatronic® 3.0 KNX weather centre, silver	2009377	1075.00
WAREMA climatronic® 3.0 KNX weather centre, black/silver	2009376	1075.00
<b>Scope of delivery includes</b>		
WAREMA climatronic® control panel		
KNX Gateway REG		

Optional accessories	Item no.	Price in EUR
KNX Gateway	1002922	258.00
WAREMA climatronic® control panel black	2009375	817.00
WAREMA climatronic® control panel silver	2009374	817.00
WAREMA climatronic® control panel black/silver	2009373	817.00
WAREMA climatronic® weather station, see "Technical data incl. control systems purchasing prices", page 121	1002662	710.00
WAREMA climatronic® Sensor Interface AP, see "Technical data incl. control systems purchasing prices", page 137	1002235	412.00
WAREMA climatronic® sensor interface REG, see "Technical data incl. control systems purchasing prices", page 137	1002234	412.00
Switching power supply 24 V DC, 2.5 A, AP, see "Technical data incl. control systems purchasing prices", page 236	1002648	169.00
Switching power supply 24 V DC, 2.5 A, REG, see "Technical data incl. control systems purchasing prices", page 236	1002647	169.00
Power supply unit 24 V DC, 1.3 A, REG (for mounting set WAREMA climatronic® UP)	1002239	135.00

Technical data for KNX Gateway	
Operating voltage	24 V DC
Protection rating	IP 30
Protection class	III
Type of installation	Rail mounting (REG)
Dimensions	3 units
<b>KNX interface</b>	
For dimensional drawing see	see "Technical data incl. control systems purchasing prices", page 259
Transformer	TP 1
Voltage	29 V DC
Connection type	Plug-in terminals

- Receives telegrams for:
  - automatic On/Off
  - absence, holiday
  - BCS
- WAREMA climatronic® weather station required for processing of
  - brightness
  - dawn/dusk
  - wind speed
  - wind direction
  - precipitation
  - DCF77
- temperature outside
- conventional sensor via Sensor Interface can be connected

# Description

## KNX

### WAREMA climatronic® 3.0 KNX weather central control unit



#### Operating principle

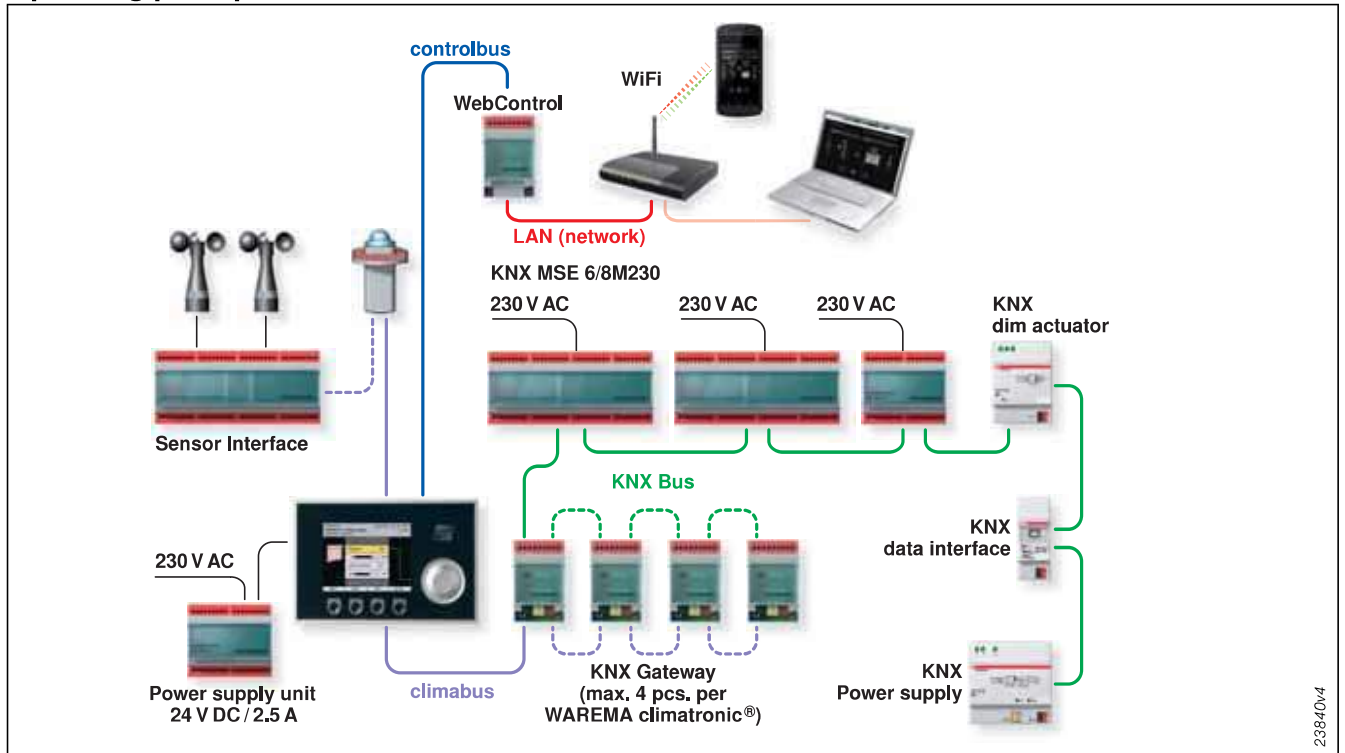


Fig. 7: Operating principle of the WAREMA climatronic® KNX weather central control unit

#### Wiring diagram

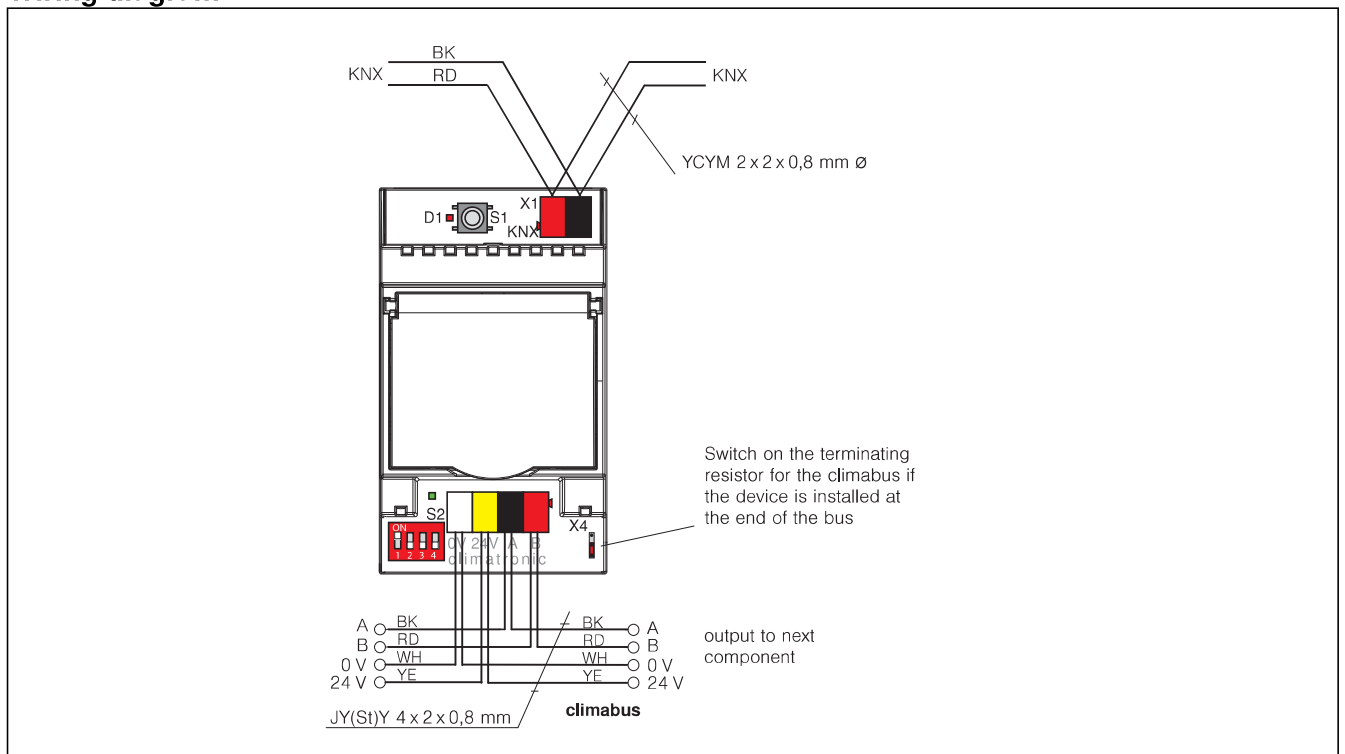


Fig. 8: KNX Gateway