

rf00816



Version	Type Designation	Article No.	Units per Package
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**Room Controller Touch complete with frame** NEW

- The Room Controller Touch with temperature and humidity sensor is an excellent choice to monitor and control the climate in a room either stand-alone or together with an intelligent device (e.g. xComfort Smart Home Controller (SHC)). Its touch display with back-light function offers an intuitive interface for the daily use. The user (re-)programmable Week Program Timer and the 4 Operation Modes temperatures, also user (re-)programmable, offer maximum flexibility to meet the specific room climate needs. The Room Controller Touch supports floor temperature control (min and max level) by connecting an external wired floor temperature sensor (PT1000). Its two optional touch-buttons on the display can be used to control other xComfort functions, for example a Switching or Dimming actuator for the lights, a Shutters/Blinds actuator or Scenes in the xComfort SHC. Thanks to the universal 55x55mm design of the Room Controller Touch it can be combined with frames from the switch industry (observe the compatibility list). The device is battery powered and through its flat design NO switch, branch or installation box is required, therefore it can be easily mounted anywhere (screwed and/or stick on) and on each surface. Power is supplied via two AAA batteries, but it is also possible to use, as alternative, the optional external mains power adapter. Adding comfort both for the user (daily operation and monitoring) and professional (full wireless) makes this device a perfect choice.
- Attention: The Room Controller Touch must not be used for safety installation and safety relevant functions like safety (floor) temperature switches.
- Attention: To precisely measure and display the values, please use the reference measuring device to determine the difference and then adjust the "offset" in the MRF
- Batteries and the white frame are included in the scope of delivery

Pure white, gloss	CPAD-00/198	187712	1
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Powering Business Worldwide

# EATON RF SYSTEM - SURFACE-MOUNTED DEVICES

rf00916



Product	Type Designation	Article No.	Packing Unit
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## Room Controller Touch NEW

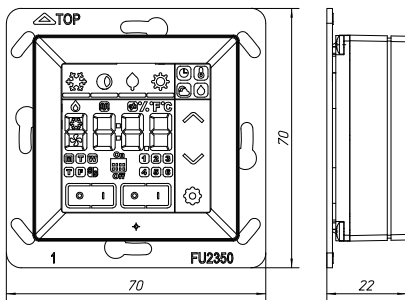
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Pure white, gloss	CRCA-00/08	187708	1
Anthracite, mat	CRCA-00/09	187709	1
Traffic white, gloss	CRCA-00/10	187710	1
Alpine white, gloss	CRCA-00/11	187711	1



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## Room Controller Touch, CRCA-00/08, CRCA-00/09, CRCA-00/10, CRCA-00/11



### Technical Specifications

#### Temperature sensor internal

Temperature range	0-40°C
Accuracy	± 0.5°C, 15 to +40°C
Factory default set-points setting:	
Heating	Frost 10°C, Night 18°C, Economy 19°C, Comfort 21°C
Cooling	OverHeat 32°C, Night 28°C, Economy 26°C, Comfort 24°C
Hysteresis	± 0.5 °C

#### Temperature sensor external

Input	PT1000 (CSEZ-01/01, CSEZ-01/36)
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#### Humidity sensor internal

Relative Humidity range	5-95%
Accuracy with the measuring range	± 5% rF
Factory default set-point setting	relative humidity 50%
Hysteresis	± 5%

#### General

Power supply:	
Batteries	3V via 2x LR03 (AAA)
Mains Adapter	12-24V DC or AC, external power supply unit (CMMZ-00/12, CMMZ-00/13)
Service life of the battery	Typically 2 years depending on the type of battery and manual operation frequency
Frequency	868.300 MHz
Type of transmission	Bi-directional, via coded telegrams
Indoor range	Typically 30 - 50m, 2 walls + 1 ceiling (depending on wall thickness and material !!)
Degree of protection	IP20
Degree of soiling	2
Operating temperature	0 to +40°C
Storage/transportation temp.	-25 to +70°C
Colour of the housing	
CRCA-00/08	Pure white, gloss
CRCA-00/09	Anthracite, mat
CRCA-00/10	Traffic white, gloss
CRCA-00/11	Alpine white, gloss
Dimensions	HxWxD - 55 x 55 x 21mm
Approval	Printed onto the device
<b>All connections</b>	
Stripping length	6mm
Cross section:	
Solid core	0.14-0.5mm <sup>2</sup>
Stranded core	0.2-0.5mm <sup>2</sup>

#### Note

RECOMMENDATIONS for installation:

- fix the RC approx. 1.5m above floor level
- at a distance of 0.2m min. from door frames (draft)
- install the room controller opposite the heat source, if possible
- keep ventilation slots of the room controller clear and clean

DO NOT install the device

- at/next to a window, behind doors or behind curtains/coat racks
- on external walls or on condensing walls
- above/next to heaters, chimneys, air conditioning ...
- above/next to electrical devices (TV, computer...)
- exposed to direct sunlight or exposed to draft (ventilation)

