

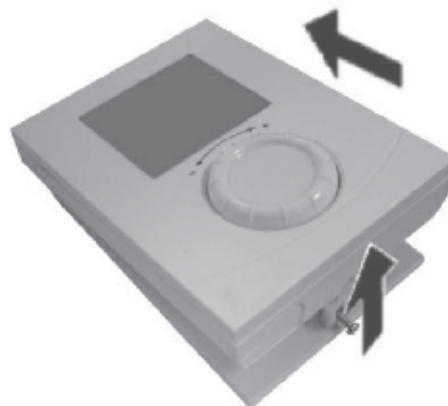
Mounting & wiring Instructions for the BOSS BRTRF
Digital Room Thermostat



1



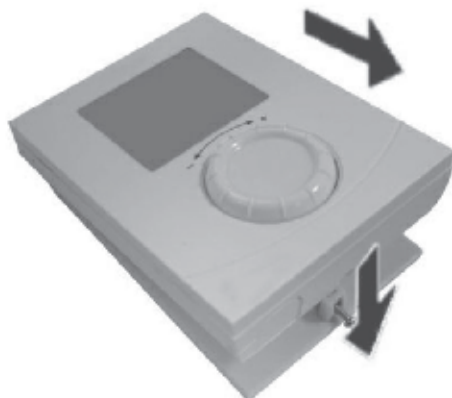
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Technical Details

RF receiver

Power supply:	AC 230V~
Switching voltage	24...250V~
Current rating	8 (3) A
Frequency	433 MHz

RF transmitter

Power supply	2 x 1.5V AA batteries
Temperature setting range	5°C to 30°C

Technical Helpline: 0870 850 0184

Mounting and Siting Notes for BRTRF and BR1

1. Siting the Units

1.1 BRTRF controller/transmitter and BR1 receiver

The units should be sited such that transmitted and received signals will be disturbed as little as possible. For this reason, the following points should be observed with both the BRTRF and BR1

- Do not mount the units on metal surfaces
- Do not mount the units near electrical wires or electronic equipment such as PCs, television sets, microwave equipment, etc.
- Do not mount the units in the vicinity of large metal structures or other construction elements with fine metal meshes like special glass or special concrete

The distance between controller/transmitter and receiver should not exceed 20m or two floors.

1.2 BRTRF controller/transmitter

The controller/transmitter can either be wall mounted or free standing (using the stand provided).

The BRTRF should be located such that it can acquire the room temperature as accurately as possible, without being affected by direct solar radiation or other heat or refrigeration sources.

Mounting Instructions

The controller/transmitter can be wall mounted or table mounted with the clip on stand provided.

1.3 BR1 receiver

Make certain that the mounting location is dry and protected from splash water.

The unit can be fitted to most commercially available recessed conduit boxes or directly on the wall

2. Check wiring

All electrical connections must comply with current regulations.

Conformity Declaration

Hereby Siemens declares that this Room Thermostat is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Standards according to EN 60730

Automatic action	Type 1.B
Degree of pollution	2
Rated impulse voltage	4000 V



BRTRF
controller/transmitter



BR1
receiver