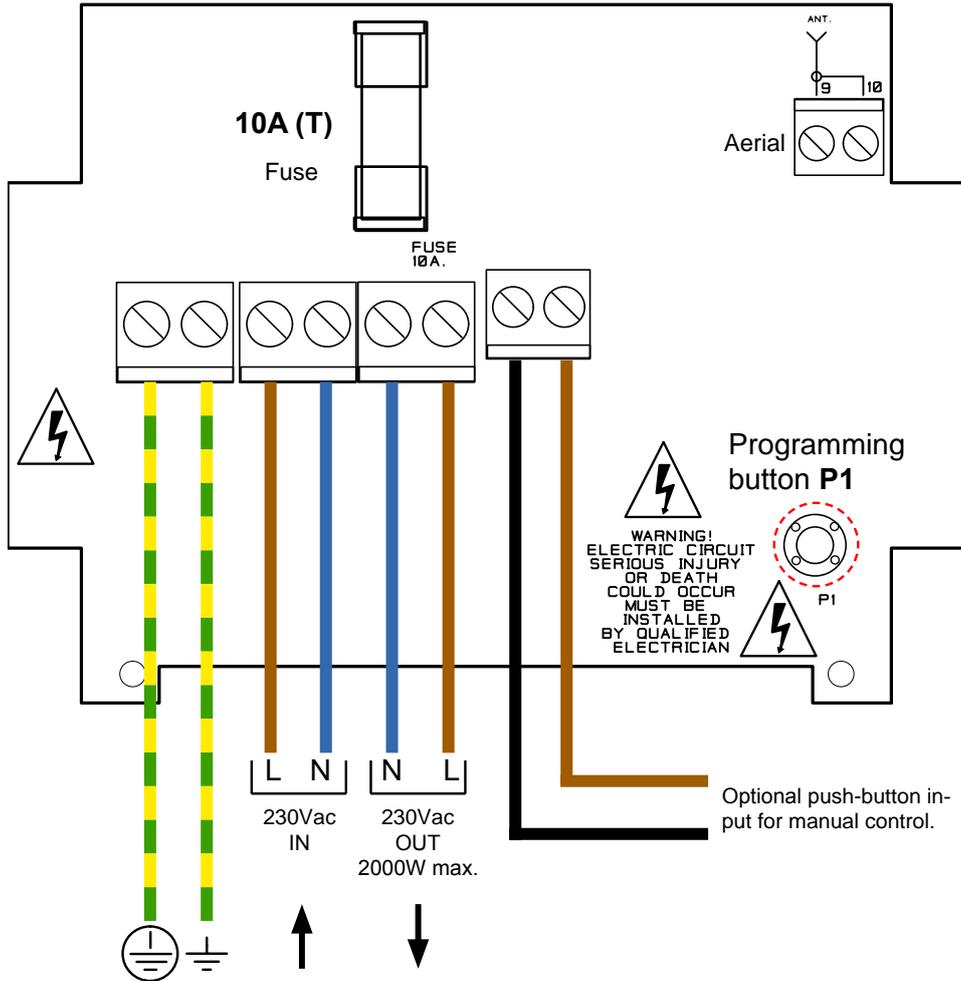


TECHNICAL MANUAL

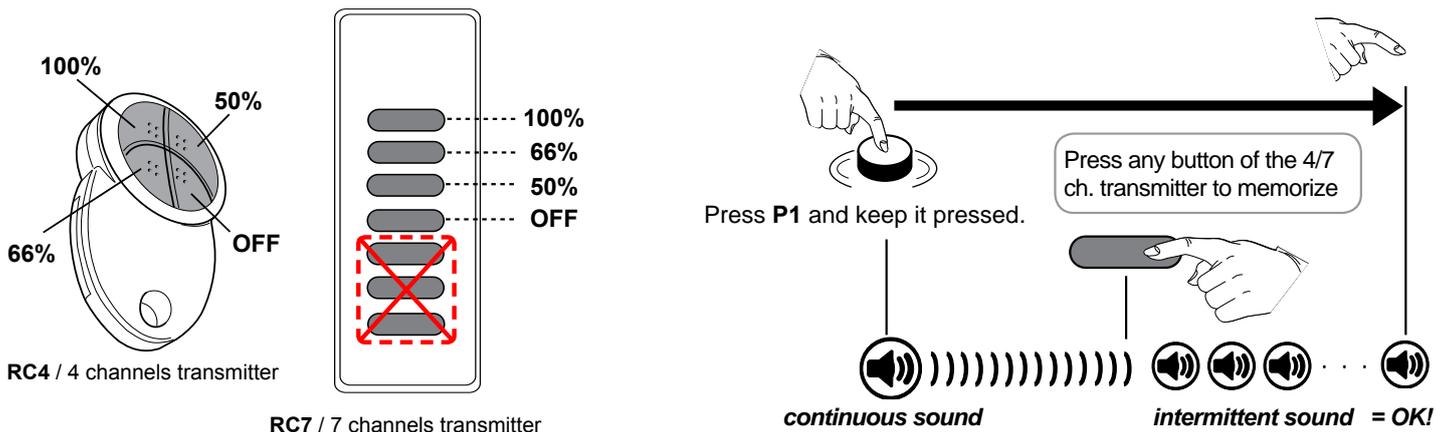
DM20: Wireless receiver with dimmer function for resistive/infrared heaters up to 2000W/230V

Dimming on 4 pre-set levels, 100% - 66% - 50% - OFF, together with a remote control with wireless transmission.

Wiring Diagram



Radio Codes Memorization / Activation



Warnings



IMPORTANT! READ CAREFULLY THIS INSTRUCTIONS BEFORE INSTALLING AND COMMISSIONING THE PRODUCT. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

PRODUCT INSTALLATION

The product at issue must be installed, commissioned and maintained only by licensed and authorised people, respecting the laws concerning the electrical installations. Not conforming installations, wrong adjustments or product alterations may cause fire, electric shock, or personal injuries. The manufacturer is not responsible for any damage due to wrong installation or improper use.

MOUNTING LOCATION AND MODALITY

The product must be mounted applying the following indications carefully: **it must be** fixed on surfaces which cannot be damaged by the high temperature; **it must be** placed in a well ventilated location; it cannot be hermetically closed; **it must be** fixed vertically, with cable glands downward; connection cables **must be** protected against any accidental impacts, using proper pipes; **do not cover** the product; **do not** use or store flammable materials close to the product.

ELECTRICAL CONNECTIONS

All the connections must be rated for a single-phase 230Vac power supply, with the relative Earth connection. For the disconnection from the power line, use an all-pole switch with contacts having a dimension of at least 3,5mm. Arrange **all the necessary safety devices** and use only materials complying with the standard of electrical installations. Signal and power voltage wiring (230Vac) must be separated one from the other. The cable must have a section properly rated according to the load connected and a nominal temperature range (T) up to 90°C. Here following the resistance values and the maximum current of a copper wire, according to its length: **1mm-19.5R/Km-5A ; 1.5mm-13.3R/Km-10A ; 2.5mm-7.98R/Km-16A**

Attention: If any cable is damaged, it must be immediately replaced by a qualified person in order to avoid any hazard.

SAFETY INFORMATION

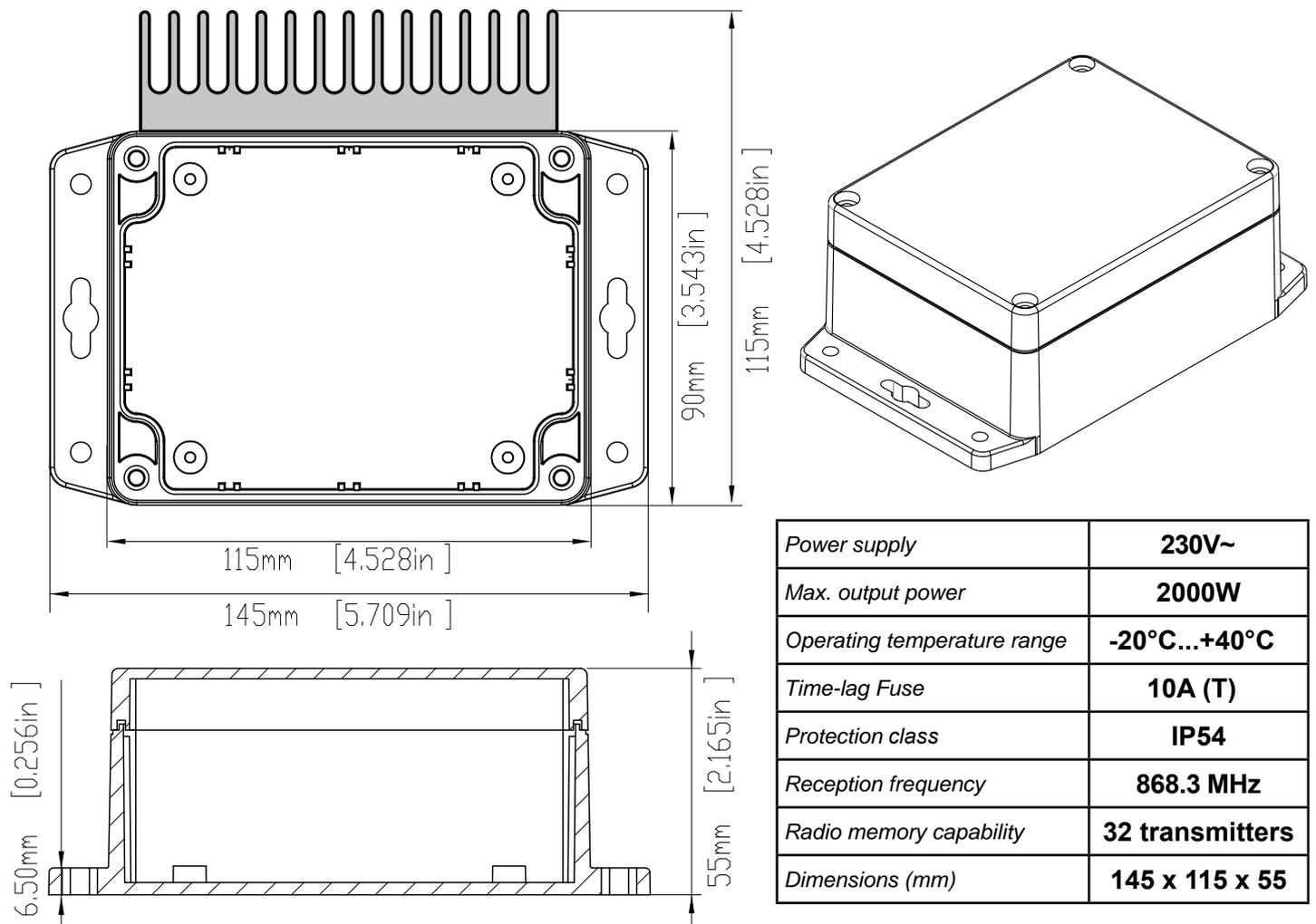
This appliance is not intended for use by people (including children) with reduced physical, sensory or mental capabilities, or not properly informed about the product's characteristics or the possible hazards it can cause. Children should be carefully supervised when they are in the area of the product. Do not touch the electronic board with wet hands, any metallic or flammable objects. Do not operate in the high voltage area of the electronic board, when it is supplied. Do not touch the heatsink, for at least 15 minutes after the switching off of the product. Use the product only in combination with devices which can guarantee a safe extended time functioning. The radio signal reception of the device could be disturbed by the presence of electrical disturbances being transmitted by other appliances working on the same frequency or if the product is somehow shielded by metal parts.

PRODUCT DISPOSAL

At the end of this product's useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment. It is the user's responsibility to dispose of this appliance through the appropriate channels at the end of its useful life. Failure to do so may incur the penalties established by laws governing waste disposal.

The manufacturer declares that the product complies with the essential requirements and other relevant provisions, established by the Directive 1999/5/EC. **The manufacturer reserves the right for changing technical data and features without prior notice.**

Technical Specifications



Power supply	230V~
Max. output power	2000W
Operating temperature range	-20°C...+40°C
Time-lag Fuse	10A (T)
Protection class	IP54
Reception frequency	868.3 MHz
Radio memory capability	32 transmitters
Dimensions (mm)	145 x 115 x 55