

Data Sheet

RadonTec AlphaSwitchbox

The **AlphaSwitchbox** is a radon sensor-controlled outlet that supplies power to a connected ventilation unit or similar device when limits are exceeded, actively reducing radon activity concentrations to below the limit.

Technical overview

Type	Single pole electromechanical switch
Operating voltage	230VAC 50Hz
Max. Switching capacity	2000W (approx. 8.5A at 230VAC)
Protection class	IP20, only for dry rooms
Connector system	Protective contact, plug type F
Ambient temperature	0 to +40°C
Storage temperature	-10 to +70°C
Max. Control voltage	10VDC
Switching ranges	0VDC: socket switched off 1VDC to 10VDC: socket switched on
Nominal voltage of 5V power supply	5VDC
max. current of the 5V power supply	65mA
CE marking	Low Voltage Directive EMC Directive