



INSTALLER GUIDE | 2022

DEDICATED INSTALLER LINE

01226 323961

About **SALUS**

SALUS Controls is a technology led supplier of energy control solutions focused primarily on the European professional market channel. We work closely with our customers and partners to understand the complexity of each market that we work with to develop innovative and cost-effective products that are intuitive to use, quick to install and simple to maintain.

SALUS Controls is a member of The Computime Group Ltd, Hong Kong, widely regarded for its electronic control technologies, research & design capabilities and manufacturing services. It occupies a unique niche in appliance, heating, air conditioning, smart energy and building automation sectors, serving customers in commercial, industrial and consumer markets throughout Asia, North America and Europe since 1974.

SALUS Controls builds solid partnerships and provides dependable solutions to enable our customers' success. We have a performance culture which seeks to anticipate our customers' requirements with quickness and flexibility. Most importantly, we offer our customers fast service and exceptional professional support.

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Mix and Match Range	26
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Accessories	32
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01

Thermostats

02

Internet
Thermostats

03

Smart Home

04

Mix & Match
Range

05

Programmers

06

Accessories

07

Underfloor
Heating

Key to Wiring Diagrams



Battery powered

L, N

230V AC power supply



Fuse

COM, NO, NC

Voltage-free output

S, S1, S2

Input terminals

SL

230V AC voltage output



Contact normally open NO



Contact normally closed NC



NC/COM/NO switch



Boiler - Boiler connection * - Boiler's contacts for ON/OFF thermostat (according to the boiler's instructions)



Wireless communication



Pump



Valve actuator



Temperature sensor



3-speed 230V AC fan



Light bulb or other load



Thermoelectric actuator



Time programmer



External normally open contact



Transformer (voltage converter)



Momentary switch, normally open NO

New Products For 2021



SQ610 & SQ610RF

Ultra slim Smart thermostat
Page 18-19



WQ610 & WQ610RF

Ultra slim Boiler Plus thermostat
Pages 12 and 08



MS600

Smart Home
Motion Sensor
Page 23



WLS600

Smart Home Water
Leak Sensor
Page 24



RT520TX

Mix and Match
Thermostat
Page 27

RS600

Smart Home
Roller Shutter
Relay
Page 22



PS600

Smart Home
Pipe Sensor
Page 24



SD600

Smart Home
Smoke Detector
Page 23



The 2020 / 2021 season sees SALUS Controls launching several new products. All with the great quality and ease of installation that you come to expect from the SALUS range.

Check them out as you browse through this catalogue.

**NEW
PRODUCTS**

We're here to help

Need information? Got a question? We can help.

Whether you need to register your product, communicate with a SALUS representative, or obtain installation instruction, finding answers and information is easy by visiting the SALUS website. Product information, Installation and user manuals, wiring diagrams, software updates and warranty information are all just a click away.

www.salus-controls.com/uk

Technical Support.

If you need technical support on a product, visit our dedicated support page:

www.salus-tech.com

Email:

techsupport@salus-tech.com

Telephone

01226 323961

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sales@salus-tech.com

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For exclusive product support, giveaways and updates join our installer club.



www.salus-controls.com/uk/salus-connect



Guide to thermostats

Thermostat	Applications		Type of Regulation			ERP Class	Functions	
	Heating	Cooling	SPAN / Hysteresis	Self Learning	OpenTherm		Internet Controlled	Zigbee / 868MHz
SQ610	🌊	❄️		ITLC		V	OPTIONAL	Zigbee
SQ610RF	🌊	❄️		ITLC		V	OPTIONAL	Zigbee
HTR-RF(20)	🌊	❄️	0.5	ITLC		IV	OPTIONAL	Zigbee
HTRS-RF(30)	🌊	❄️	0.25 0.5	ITLC		IV	OPTIONAL	Zigbee
HTRP-RF(50)	🌊	❄️	0.25 0.5	ITLC		IV	OPTIONAL	Zigbee
FC600	🌊	❄️	0.25 0.5	ITLC		IV	OPTIONAL	Zigbee
TS600	🌊	❄️	0.25 0.5	ITLC		IV	YES	Zigbee
RT310i	🌊	❄️	0.25 0.5	ITLC		IV	YES	868MHz
iT500	🌊	❄️	0.25 0.5	ITLC		IV	YES	868MHz
iT500BM	🌊	❄️	0.25 0.5	ITLC		IV	YES	868MHz
RT100	🌊		1			I		
RT200	🌊		1			I		
RT310	🌊		0.25			IV		
RT510+	🌊		0.25	ITLC		IV		
RT520	🌊	❄️	0.25 0.5	ITLC	OT	V		
FT100	🌊							
EP110	🌊							
EP210	🌊							
EP310	🌊							
ERT20RF	🌊	❄️	0.5			I		868MHz
RT310RF	🌊		0.25	ITLC		IV		868MHz
RT510RF+	🌊		0.25	ITLC		IV		868MHz
RT520RF	🌊	❄️	0.25 0.5	ITLC	OT	V		868MHz
WQ610	🌊	❄️	0.25 0.5	ITLC	OT	V		
WQ610RF	🌊	❄️	0.25 0.5	ITLC	OT	V		Zigbee

Functions											
Type of programme			Display		Transmission		Power Supply		Installation		Page
All	5/2	Individual	Digital	Manual	Wired	Wireless	230 V	Battery	Recessed	Wall Mounted	
1	5/2	7	D								08
1	5/2	7	D								09
1	5/2	7		M							10
1	5/2	7	D								10
1	5/2	7	D								10
1	5/2	7	D								11
1	5/2	7	NA								11
1	5/2	7	D								18
1	5/2	7	D								19
1	5/2	7	D								20
				M							22
				M							22
			D								22
1	5/2		D								22
1	5/2	7	D								23
				M							23
			D								24
			D								24
			D								24
				M							24
			D								25
1	5/2		D								25
1	5/2	7	D								25
1	5/2	7	D								19
1	5/2	7	D								22

WQ610RF

Ultra-slim, Wired, Programmable, Boiler Plus compliant thermostat

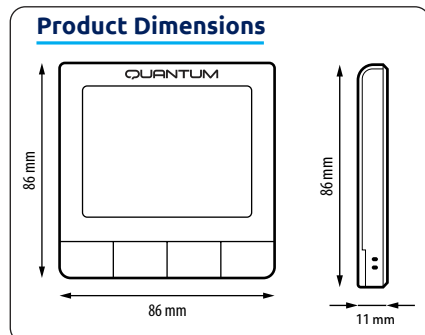


FEATURES

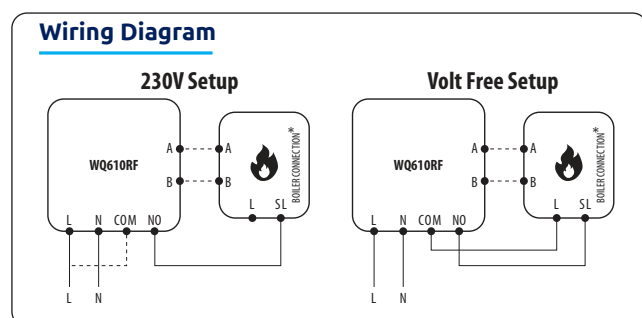
- Powered by LI-ON rechargeable battery
- Large LCD
- Programmable
- OpenTherm
- Hysteresis $\pm 0.5 / \pm 0.25$
- 5 Year Warranty



Product Dimensions



Wiring Diagram



RECHARGEABLE THERMOSTAT!

Up to 2 years usage from a full charge



Power Source:	5 V DC via USB charger
Wireless Protocol:	ZigBee
Operating Temperature:	0 to 50 °C
Dimensions (mm):	L-86 x W-86 x H-11

RT520RF

Programmable Wireless Digital Room Thermostat with large LCD



FEATURES

- Load Compensation (OpenTherm Compatible)
- Optimisation Functions
- New Larger Clear easy to read LCD
- ITLC (Internal Temperature Load Compensation)
- ErP Rating V
- Service Mode
- Landlord PIN
- Battery Operated
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

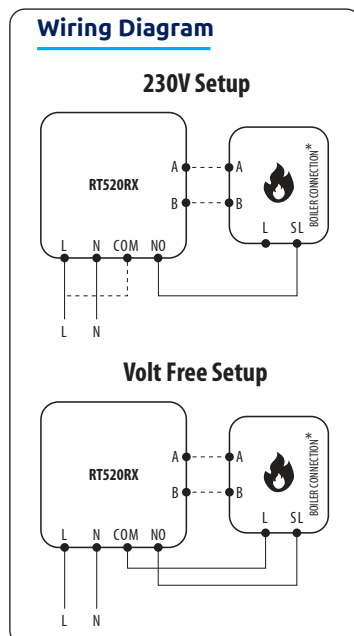


RF Receiver Wiring

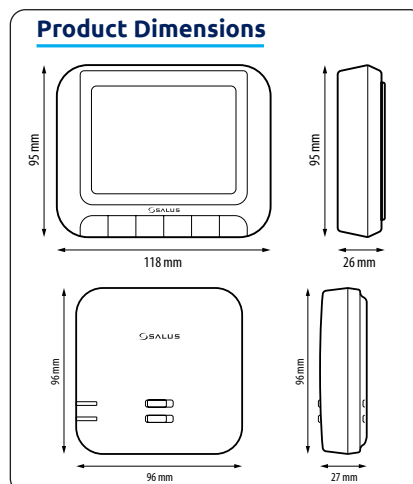
N	Neutral connection
L	Live connection
COM	Input
NO	Switched output
A and B	OpenTherm

Thermostat Supply:	2 x AA Batteries
Receiver (Rx) Supply:	230V AC 50Hz
Rx Rating Max:	16 (5) A SPST
Rx Input/Output:	0 - 230V
Thermostat Scale:	5 to 33.5°C
Thermostat Size(mm):	W-118 H-95 D-26
Receiver Size (mm):	W-96 H-96 D-27

Wiring Diagram



Product Dimensions



RT510RF+

Programmable Wireless Digital Thermostat



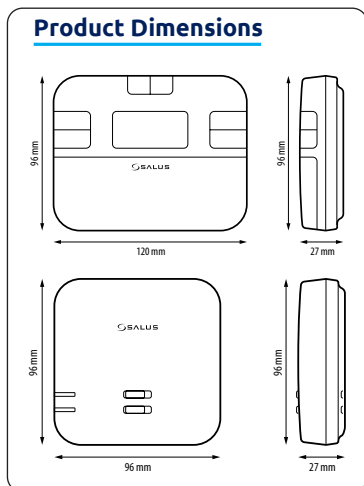
FEATURES

- Switching volt free and 230V
- Sleep Mode
- Programmable
- Frost Protection
- Desk Stand
- Frequency 868 MHz with 30 metre range
- 16 amp relay switching
- Manual mode
- RF Test Function
- Heating Boost Mode
- Holiday Mode
- Receiver manual override switch
- ITLC (Internal Temperature Load Compensation)
- Boiler Plus Compatible
- 5 Year Warranty

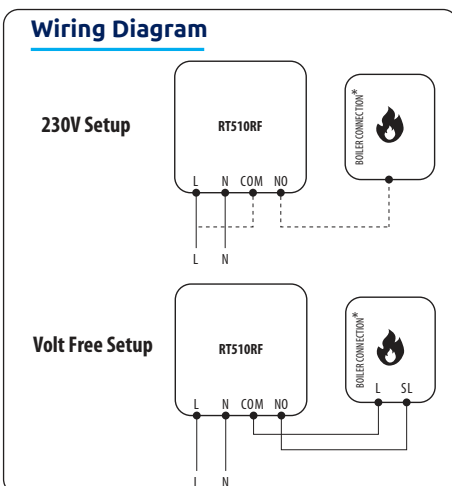


01
Thermostats

Product Dimensions



Wiring Diagram



Thermostat Supply:	2 x AA Batteries
Receiver (RX) Supply:	230V AC 50Hz
RX Rating Max:	16 (5) A SPST
RX Input/Output:	0 - 230V
Thermostat Scale:	5 to 35°C
Thermostat Size (mm):	W-120 H-96 D-27
Receiver Size (mm):	W-96 H-96 D-27

RF Receiver Wiring

N	Neutral connection
L	Live connection
COM	Input
NO	Switched output

RT310RF

Wireless Digital Room Thermostat

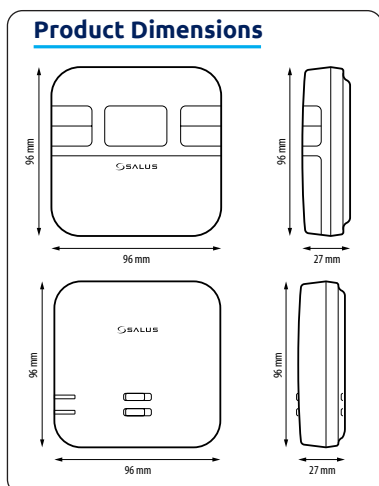


FEATURES

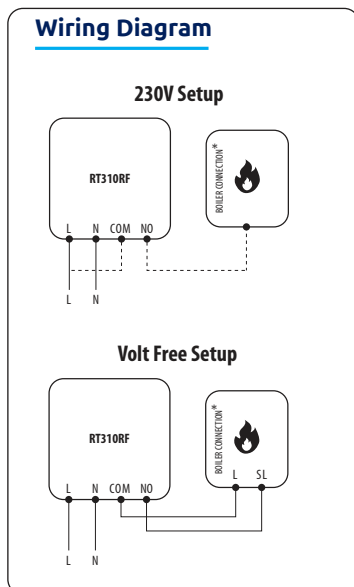
- Switching volt free and 230V
- Sleep Mode
- Frost Protection
- Desk Stand
- 5 Year Warranty
- Frequency 868 MHz with 30 metre range
- Simple Operation
- 16 amp relay switching
- Pre-paired wireless communication, so no more dip switches!
- Contemporary design
- RF Test Function
- Easy Installation
- Receiver manual override switch
- 5 Year Warranty



Product Dimensions



Wiring Diagram



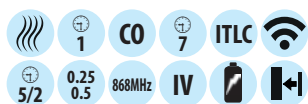
Thermostat Supply:	2 x AA Batteries
Receiver (RX) Supply:	230V AC 50Hz
RX Rating Max:	16 (5) A SPST
RX Input/Output:	0 - 230V
Thermostat Scale:	5 to 35°C
Thermostat Size (mm):	W-96 H-96 D-27
Receiver Size (mm):	W-96 H-96 D-27

RF Receiver Wiring

N	Neutral connection
L	Live connection
COM	Input
NO	Switched output

RT510BC+

Digital Programmable
Thermostat with RF
Boiler Receiver



Thermostat Supply:	2 x AA Batteries
Receiver (RX) Supply:	230V AC 50Hz
RX Rating Max:	5 (1) A SPST
RX Input/Output:	0 - 230V
Thermostat Scale:	5 to 35°C
Thermostat Size (mm):	W-120 H-96 D-27
Receiver Size (mm):	W-58 H-58 D-30

Internal Boiler Connections

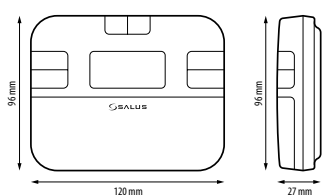
1	Neutral connection
2	Live connection
3	Com input
4	Switched Output

FEATURES

- Sleep Mode
- Programmable
- Frost Protection
- Desk Stand
- 5 Year Warranty
- Simple Operation
- Plug-in boiler receiver
- LED status indicator
- Frequency 868 MHz with 30 metre range
- Manual mode
- Pre-paired wireless communication, no more dip switches!
- Heating Boost Mode
- Holiday Mode
- Contemporary design
- RF Test Function
- Easy Installation
- ITLC (Internal Temperature Load Compensation)
- 5 Year Warranty



Product Dimensions

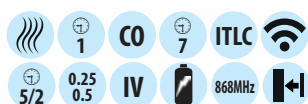


**PLUG & PLAY
MODULE**
No Wiring Needed



RT510LG+5V+

Digital Programmable
Thermostat with RF
Boiler Receiver



Thermostat Supply:	2 x AA Batteries
Receiver Supply:	5V DC
Switching Max:	3 (1) A SPST
Receiver Output:	5V DC
Scale:	5 to 35°C
Thermostat Size (mm):	W-120 H-96 D-27
Receiver Size (mm):	W-129 H-84 D-30

FEATURES

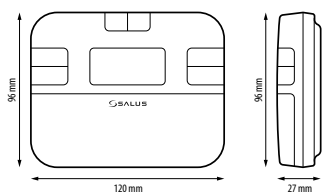
- Sleep Mode
- Programmable time and temperature scheduling
- Frost Protection
- 5 Year Warranty
- Simple Operation
- Manual mode on thermostat to disable schedule
- Heating Boost Mode
- Holiday Mode
- Contemporary design
- Easy Installation
- ITLC (Internal Temperature Load Compensation)



Features of receiver

- Plug in connections
- Volt free contacts
- Manual override control
- LED status indication
- Frequency 868 MHz with 30 metre range

Product Dimensions

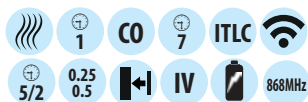


**PLUG & PLAY
MODULE**
No Wiring Needed



RT510WBC+

Digital Programmable
Thermostat with RF
Boiler Receiver



Compatible with Worcester Bosch boilers.

Thermostat Supply:	2 x AA Batteries
Receiver Supply:	24V DC
Switching Max:	3 (1) A SPST
Receiver Output:	24V DC
Scale:	5 to 35°C
Thermostat Size (mm):	W-120 H-96 D-27
Receiver Size (mm):	W-130 H-108 D-25

FEATURES

- Sleep Mode
- Programmable
- Frost Protection
- 5 Year Warranty
- Simple Operation
- Manual mode on thermostat to disable schedule
- Heating Boost Mode
- Holiday Mode
- Contemporary design
- Easy Installation
- ITLC (Internal Temperature Load Compensation)

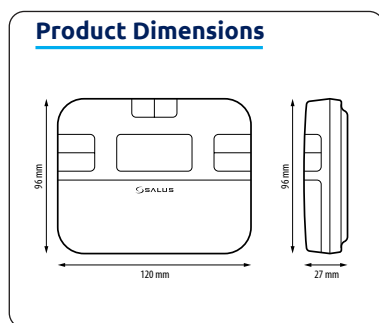


Features of receiver

- Plug in connections
- LED status indication
- Manual override control
- Frequency 868 MHz with 30 metre range

01
Thermostats

Product Dimensions



**PLUG & PLAY
MODULE**
No Wiring Needed



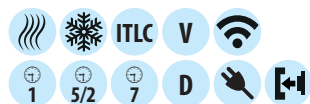
Compatibility Chart

	ALPHA	BAXI	HALSTEAD	POTTERTON	VOKERA	MAIN	IDEAL	SIME	BIASI
RT510BC RXBC605	CB Range	Duo Tec HE	Ace	Performa HE	Linea	25 Eco	i-combi	Ecofort HE	Advance Plus Combi
	CD Range	Platinum HE	Ace High	Promax HE Plus	Linea HE	30 Eco	Pro-combi		
	HE Range	Instant 10SE	Finest Platinum	Gold HE	Mynute HE	System 24 Eco	i-mini		
	Intech C	Maxflow WM	Eden CB	Suprima HE	Mynute EHE	System 28 Eco	Esprit		
	Intech GS	130 HE	Quatro Gold	Heatmax Combi HE	Synergy	30 HEw			
	Eco Combi	133 HE			Hydra	Eco Elite			
	E-Tec Range	EcoBlue + Combi			Maxin				
		EcoBlue Advance Combi			Compact HE				

	WORCESTER BOSCH	LG+5V
RXWBC605 RT510WBC	Greenstar i Range	Logic
	Greenstar CDi Clasic Combi Range	Logic +
	Greenstar CDi Compact Combi Range	Logic Max
	Greenstar Si Compact Range	Vogue
	Greenstar Highflow CDi Combi Range	Vogue Max

WQ610

Ultra-slim, Wired, Programmable, Boiler Plus compliant thermostat

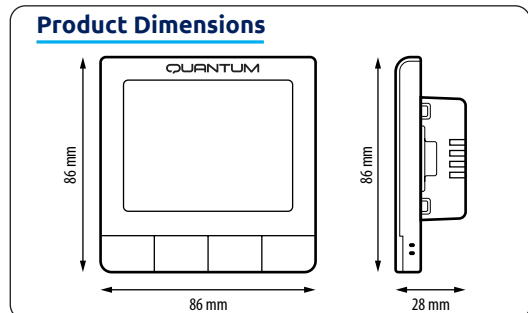


FEATURES

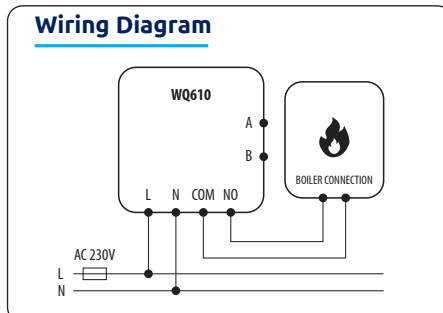
- 230V AC
- Large LCD
- Programmable
- OpenTherm
- ITLC (Internal Temperature Load Compensation)
- Hysteresis $\pm 0.5 / \pm 0.25$
- 5 Year Warranty



Product Dimensions



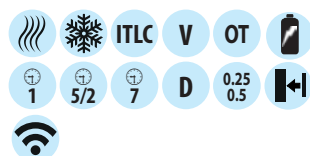
Wiring Diagram



Power Source:	230V AC
Operating Temperature:	0 to 50 °C
Dimensions (mm):	L-86 x W-86 x H-28

RT520

Programmable Wired Digital Room Thermostat with large LCD



FEATURES

- Load Compensation
- Optimisation Functions
- New Larger, clear, easy to read LCD
- ITLC (Internal Temperature Load Compensation)
- ErP Rating V
- Service Mode
- Landlord PIN
- Easy Installation
- Simple Operation
- Battery Operated
- 5 Year Warranty

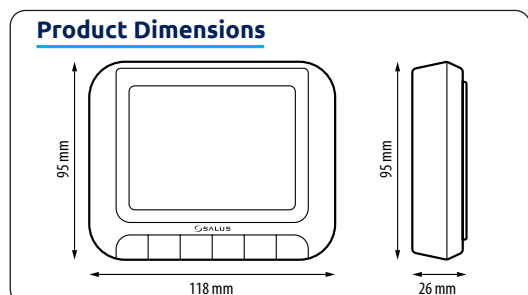


Power Source	2 x AA Batteries
Rating Max:	3 (1) A SPST
Input/Output:	0 - 230V
Scale:	5 to 33.5°C
Dimensions (mm):	W-118 H-95 D-26

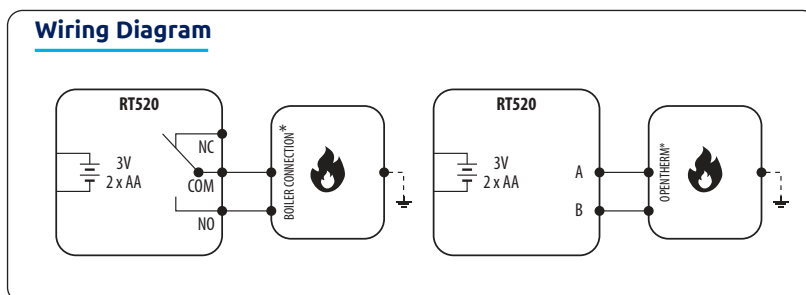
Wiring

A and B	OpenTherm
NC	Switched Live OFF
NO	Switched Live ON
COM	Common Terminal

Product Dimensions



Wiring Diagram



RT510+

Programmable Wired Digital Room Thermostat



Wiring

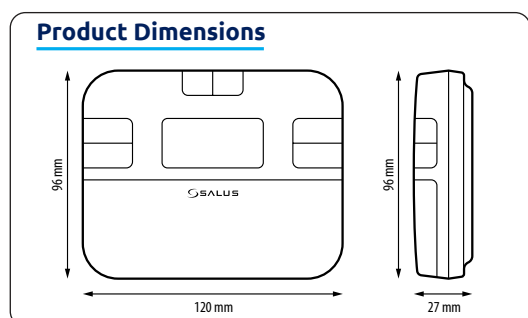
COM	Common Terminal
NC	Switched Live OFF
NO	Switched Live ON

FEATURES

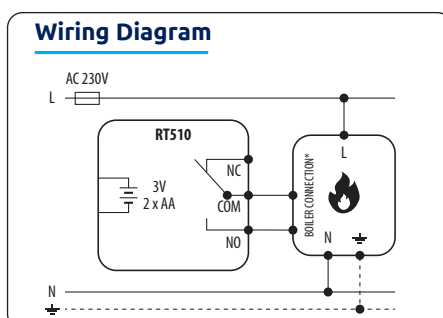
- Switching volt free and 230V
- Sleep Mode
- Programmable time and temperature scheduling
- Frost Protection
- Simple Operation
- Manual mode on thermostat to disable schedule
- Heating Boost Mode
- Holiday Mode
- Contemporary design
- Easy Installation
- ITLC (Internal Temperature Load Compensation)
- Boiler Plus Compatible
- 5 Year Warranty



Product Dimensions



Wiring Diagram



Power Source	2 x AA Batteries
Switching Max:	3 (1) A SPST
Input/Output:	0 - 230V
Scale:	5 to 35°C
Dimensions (mm):	W-120 H-96 D-27

RT310

Wired Digital Room Thermostat



FEATURES

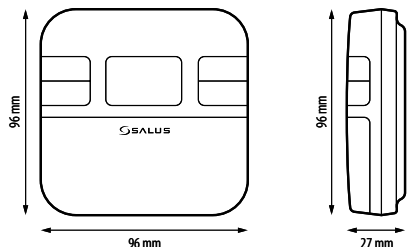
- Switching volt free and 230V
- Sleep Mode
- Frost Protection
- 5 Year Warranty
- Simple Operation
- Contemporary design
- Easy Installation
- 5 Year Warranty

Power Source	2 x AA Batteries
Switching Max:	3 (1) A SPST
Input/Output:	0 - 230V
Scale:	5 to 35°C
Dimensions (mm):	W-96 H-96 D-27

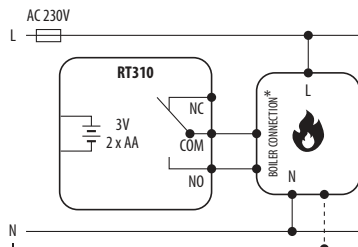


01
Thermostats

Product Dimensions



Wiring Diagram

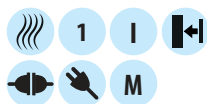


Wiring

COM	Common Terminal
NC	Switched Live OFF
NO	Switched Live ON

RT100

Mechanical Room Thermostat



FEATURES

- Switching volt free and 230V
- Suitable for replacement market
- Simple control
- 2 wire installation
- 5 Year Warranty

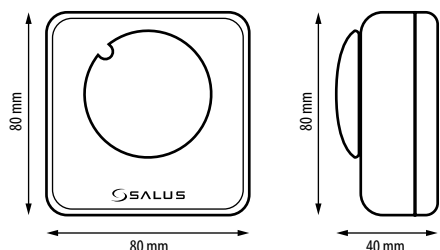
Power Source	0 - 230V
Rating Max:	1 A SPDT
Scale:	10 to 30°C
Dimensions (mm):	W-73 H-73 D-38



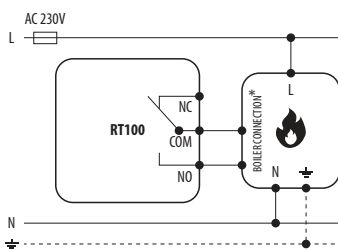
Wiring

NC	Switched output
COM	Live input
NO	Switched output

Product Dimensions

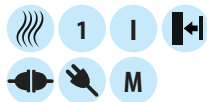


Wiring Diagram



RT200

Electronic Room Thermostat



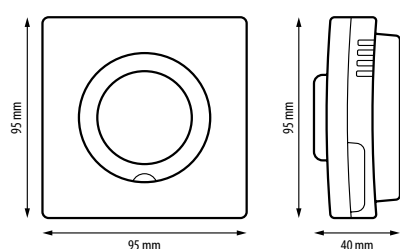
FEATURES

- LED indication for heating demand
- Industry standard back plate for ease of installation
- Can only be used for 230V applications.
- Stylish appearance
- Simple operation
- 5 Year Warranty

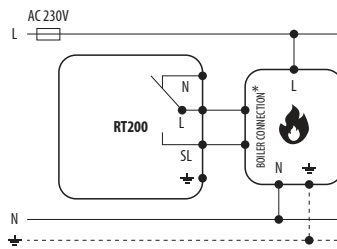
Power Source	230V AC 50Hz
Rating Max:	3 (1) A SPST
Output:	230V AC 50Hz
Scale:	5 to 35°C
Dimensions (mm):	W-95 H-95 D-40



Product Dimensions



Wiring Diagram



Wiring

N	Neutral connection
L	Live connection
SL	Switch live output
⏏	Earth

FT100

Frost Thermostat



FEATURES

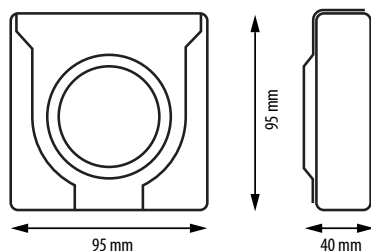
- Can only be used for 230V applications.
- LED indicator for heating demand
- Large dial
- Simple operation
- Tamper proof cover
- 5 Year Warranty

Wiring

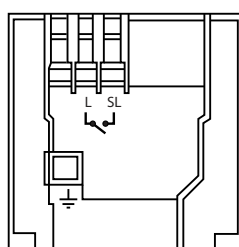
N	Neutral connection
L	Live connection
SL	Switch live output
	Earth



Product Dimensions



Wiring Diagram



Power Source	230V AC 50Hz
Rating Max:	3 (1) A SPST
Output:	230V AC 50Hz
Scale:	-10 to 20°C
Dimensions (mm):	W-95 H-95 D-40

Join the SALUS club!

Would you like to be a member of the SALUS installer club? As a member of this elite club we will put you in contact with other members via a closed Facebook group, you will receive exclusive offers on selected products, you will get fast technical support and free training on SALUS products. You can also collect points for products purchased to claim against a range of great gifts.

We want you to feel special so we will send you on a monthly basis a special offer giving you a discount on SALUS products or a product that is due to be launched to try before anyone else.

We want you to feel part of the team!

Contact your local SALUS sales representative for more details!



RT310i

Single Zone Smartphone Controlled Thermostat



FEATURES

- Switching volt free and 230V
- Optional control via Smartphone, Tablet or PC
- Easy to use App
- Pre-paired wireless communication, so no more dip switches!
- Wall or desk mounted thermostat
- Choose to use schedule or control manually
- Adjustable frost protection when the thermostat is off
- Wireless communication test function
- Suitable for heating or cooling applications
- Holiday function
- 16 amp relay switching
- Manual override
- 5 Year Warranty



Walk through tutorials on how to use the App.



Easy to use heating or cooling control.



Simple to modify heating schedules. Choose from ALL, 5/2 or INDIVIDUAL days.

02
Internet
Thermostats

Thermostat iT500

Power Source	2 x AA Batteries
Scale:	5 to 35 °C
Dimensions (mm):	L -96 H-96 D-27 mm

Gateway

Power Source	5 V (adaptor included)
Dimensions (mm):	L -91 H-39 D-25 mm

Ethernet cable included

Receiver

Power Source	230 V AC 50 Hz
Switch Rating	16(5) amp
Output	0 – 230 V
Dimensions (mm):	L -96 H-96 D-27 mm

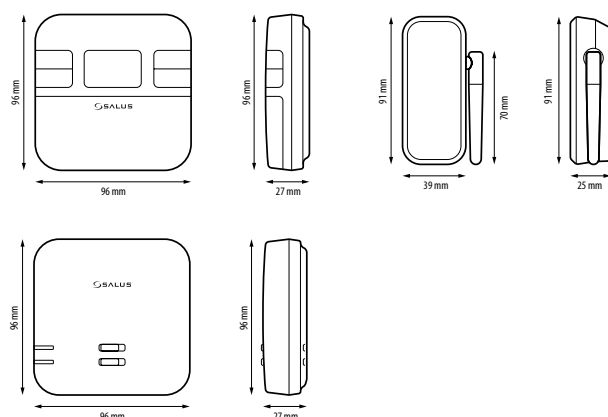


1x

One central heating zone only.

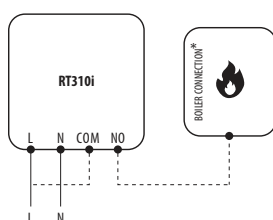


Product Dimensions

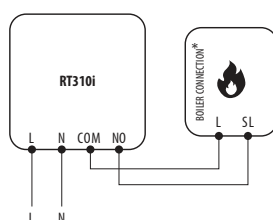


Wiring Diagram

230V Setup



Volt Free Setup



iT500

2 Zone Smartphone Controlled Thermostat



FEATURES

- Access and control your heating and hot water via the Internet
- Compatible with your Smartphone, Tablet or PC
- Your Smartphone, Tablet or PC connects to the system using your existing broadband connection
- The internal system uses 868 MHz for robust communication
- System is secure and energy efficient
- The system is wireless so it's easy to install
- 3 possible system configurations
- Switching 230V
- 2 x Volt Free Outputs
- Internet control via Smartphone, Tablet or PC
- Local control
- Wall or desk mounted thermostat
- Touch controls on thermostat
- Frequency 868 MHz
- Suitable for heating or cooling applications
- 5 Year Warranty



Thermostat iT500

Power Source	2 x AA Batteries
Scale:	5 to 35 °C
Dimensions (mm):	L-128 H-95 D-30 mm

Gateway iTG500

Power Source	5 V (adaptor included)
Dimensions (mm):	L-91 H-39 D-25 mm

Ethernet cable included

Receiver iT500RX

Power Source	230 V AC 50 Hz
Switch Rating	16(5) amp
AUX (CH2/HW)	5 (2) amp
Output	0 – 230 V
Dimensions (mm):	L-145 H-100 D-35 mm

Sensor iT300 (optional)

Power Source	2 x AAA Batteries
Dimensions (mm):	L-? H-? D-? mm

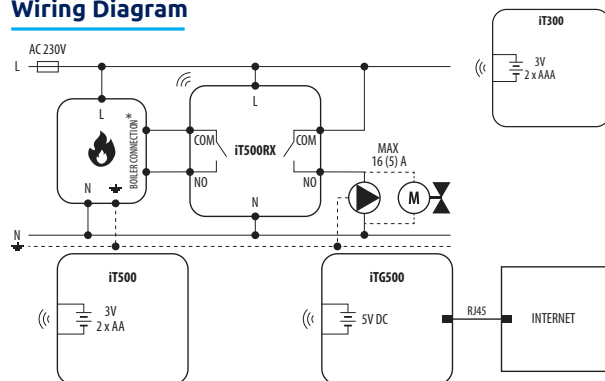
iT300 Sensor* for use with two zone central heating. See example 2.



Sensor iT300*

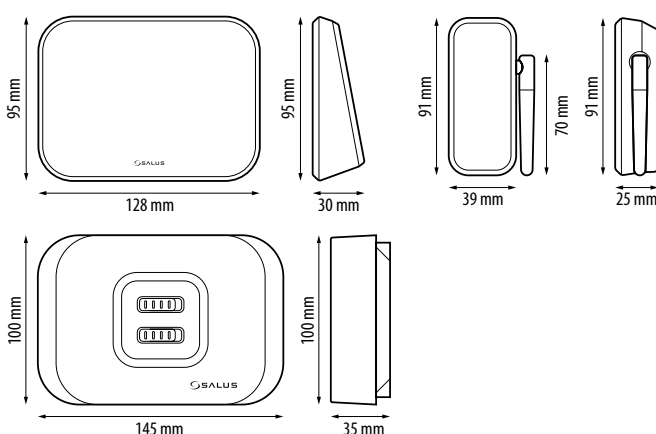


Wiring Diagram



NOTE: When using two zones, volt-free control for the boiler can only be done using additional relays.

Product Dimensions



iT500BM



For combination boilers and single heating zones only

The iT500BM can be used with any of the receivers shown below. Giving you more choice and freedom to control your heating from anywhere.



02

Internet Thermostats

Can be used with any of these receivers...

RXBC605

Plug-in Receiver



FEATURES

- Plug in connections
- Manual override control
- LED status indication
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Power Source	5V DC
Rating Max:	5 (1) A SPST
Output:	0 - 230V
Dimensions (mm):	W-58 H-58 D-30

Internal boiler connections

1	Neutral connection
2	Live connection
3	Live in
4	Switched output

Optional Boiler Plate BBP1

For BAXI 100, 200, 300 & 400 Range



RXBC5V

Plug-in Receiver



FEATURES

- No additional wiring or power supply
- Plug and play format 2-minute installation
- Control your boiler using a Smartphone, Tablet or PC via the app (iT500)
- 5 Year Warranty

Power Source	5V DC
Output:	5V DC
Dimensions (mm):	W-58 H-58 D-30

Terminal	Identifier	Description
1	DC+	5V DC+
2	DC-	5V DC-
3	COM	Common input
4	NO	Normal open
5	NC	Normal closed

LG+5V

Plug-in Receiver with bezel and wiring loom

Compatible with Ideal Logic Gen 2, Vogue and Zanussi Boilers



FEATURES

- Plug in connections
- Manual override control
- LED status indication
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Power Source	5V DC
Output:	5V DC
Dimensions (mm):	W-129 H-84 D-30

Terminal	Identifier	Description
1	DC+	5V DC+
2	DC-	5V DC-
3	COM	Common input
4	NO	Normal open
5	NC	Normal closed

RXWBC605

Plug-in Receiver

Compatible with Worcester Bosch boilers



FEATURES

- Plug in connections
- LED status indication
- Manual override control
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Power Source	24V DC
Output:	24V DC
Dimensions (mm):	W-130 H-108 D-25

See compatibility chart page 11

UG600

Universal Gateway

FEATURES

- LED Indication
- Connects all SALUS Smart Home products to the Smart Home app
- Cable and WiFi connection *cable connection is needed to set up WiFi connection
- Table or wall mounted
- Wireless ZigBee communication
- 5 Year Warranty

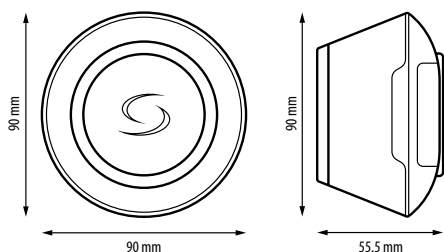
Power Supply:	5V DC over USB
Wireless Standard:	2.4 GHz ZigBee
Operating Temp:	0 to 50 °C
Dimensions (mm):	L-90 x W-90 x H-55.5



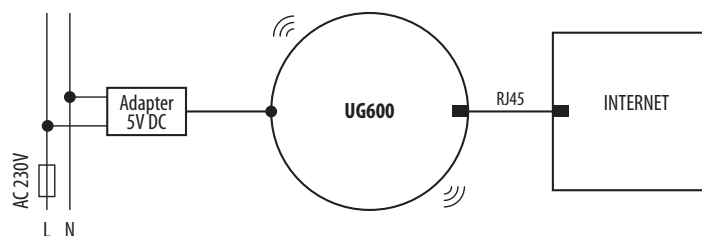
SALUS
Smart Home



Product Dimensions

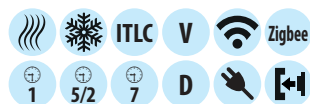


Wiring Diagram



SQ610

SALUS Quantum, Ultra Slim, Wired, Smart Thermostat



**NEW
PRODUCT**



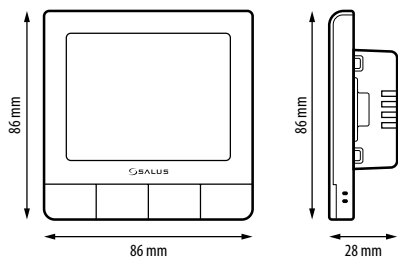
Power Supply:	230V (CA) 50 Hz
Wireless Standard:	2.4 GHz ZigBee
Operating Temp:	0 to 50 °C
Dimensions (mm):	L-88 x W-88 x H-55

FEATURES

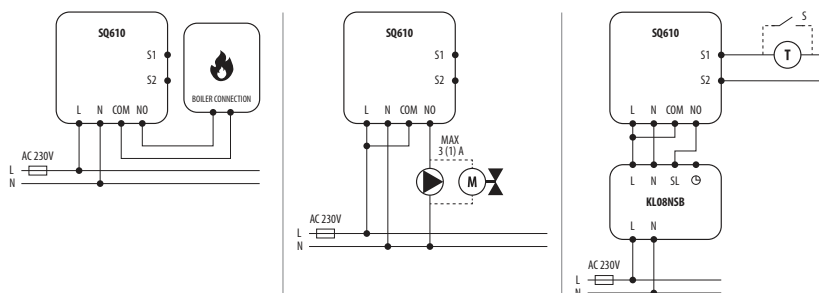
- ZigBee protocol
- Thickness outside the wall 10mm
- 230V power supply
- Large LCD screen
- Humidity sensor
- Programmable - daily, weekly or 5/2
- Hysteresis ± 0.5 and 0.25
- Class IV ERP
- Dry contact or 230V contact outputs
- ITLC (Internal Temperature Load Compensation)
- 2 contacts for presence sensor or external sensor / floor sensor
- Internal relay - Breaking capacity: 3 (1) A
- Control from the Smart Home app
- Heating / Cooling mode
- Operates with UG600 Gateway or independently
- 5 Year Warranty



Product Dimensions

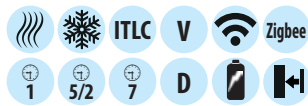


Wiring Diagram



SQ610RF

SALUS Quantum, Ultra Slim, Wireless, Smart Thermostat



Power Supply:	5 V DC interface USB
Wireless Standard:	2.4 GHz ZigBee
Operating Temp:	0 to 50 °C
Dimensions (mm):	L-88 x W-88 x H-55

FEATURES

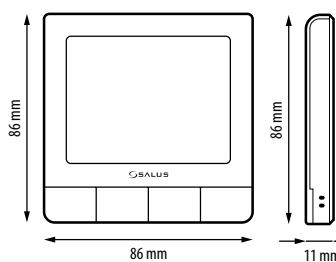
- ZigBee protocol
- Just 11mm deep
- Re-chargeable Lithium Ion battery
- Large LCD screen
- Humidity sensor
- Programmable - daily, weekly or 5/2
- Hysteresis ± 0.5 and 0.25
- Class IV ERP
- ITLC (Internal Temperature Load Compensation)
- 2 contacts for presence sensor or external sensor / floor sensor
- Control from the Smart Home app
- Heating / Cooling mode
- Operates only with UG600 Gateway
- 5 Year Warranty



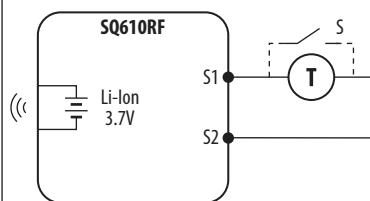
RECHARGEABLE THERMOSTAT!

Up to 2 years usage from a full charge

Product Dimensions



Wiring Diagram



CDUK

Quantum Charging Dock

FEATURES

- Surface Stand
- Portable Charging Station
- Mains Powered via USB



03

Smart Home

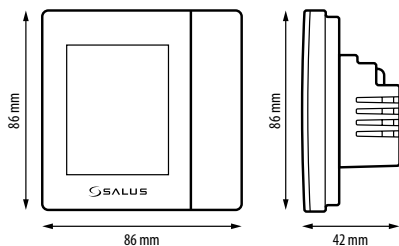
FC600

Fan Coil Thermostat

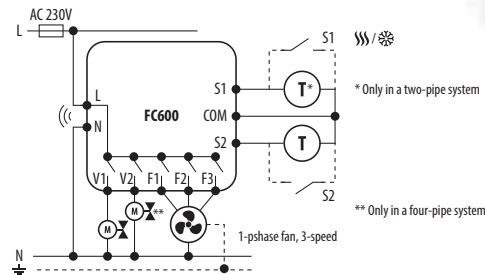


Power Supply:	230V AC
Control outputs: - Fan speed control (I, II, III gear) - Valve actuator (cooling/ heating)	230 V c.a.
Wireless Standard:	ZigBee 2.4 GHz
Temperature Range:	5 to 40 °C
Dimensions (mm):	86 x 86 x 42

Product Dimensions



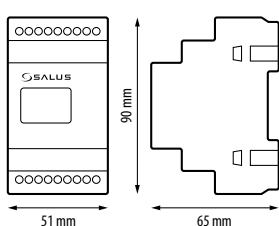
Wiring Diagram



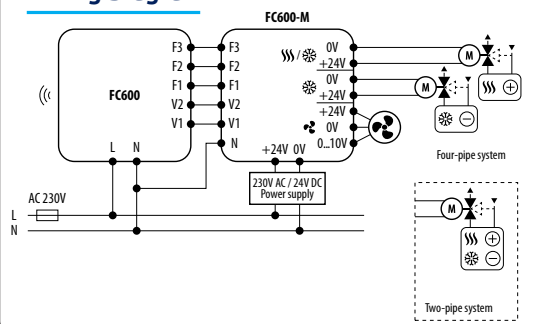
FC600M

Fan Coil Module

Product Dimensions



Wiring Diagram



Power Supply:	24V DC
Inputs F1, F2, F3 Low/Medium/High fan speeds:	230V AC
Outputs - Fan power supply - Fan control - Valve outputs (heating and cooling)	24V DC; 6.5 A 0...10V 24V DC; 1 A
Mounting	DIN rail 35 m
Dimensions (mm):	51 x 90 x 6



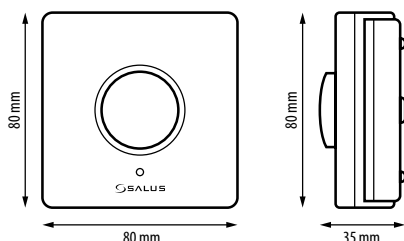
HTR-RF(20)

Zigbee RF dial thermostat



Power Supply:	2 x AA Batteries
Scale:	5 °C – 32.5 °C
Dimensions (mm):	L-80 x H-80 x D-35

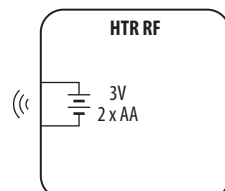
Product Dimensions



FEATURES

- ITLC (Internal Temperature Load Compensation)
- Traditional dial face
- Integrates with UG600
- ErP Rating IV
- Battery operated
- 5 Year Warranty

Wiring Diagram



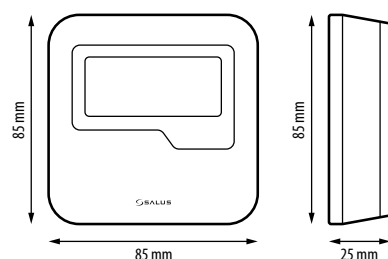
HTRS-RF(30)

Battery Operated Smart Thermostat



Power Supply:	2 x AA Batteries
Scale:	5 °C – 32.5 °C
Dimensions (mm):	L-85 x H-85 x D-25

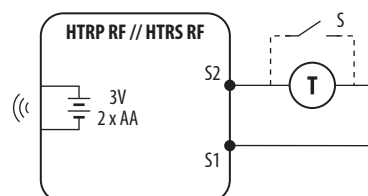
Product Dimensions



FEATURES

- ITLC (Internal Temperature Load Compensation)
- Clear easy to read LCD
- Integrates with UG600
- Can be used as room thermostat in a system with other programmable SALUS thermostats
- ErP Rating IV
- Pre-set override temperatures
- Optional floor temperature sensor
- Battery operated
- 5 Year Warranty

Wiring Diagram



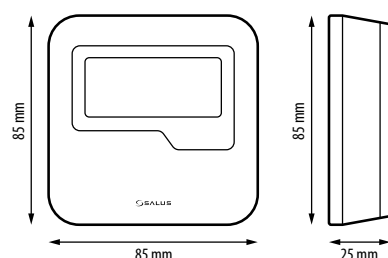
HTRP-RF(50)

Battery Operated Smart Programmable Thermostat



Power Supply:	2 x AA Batteries
Scale:	5 °C – 32.5 °C
Dimensions (mm):	L-85 x H-85 x D-25

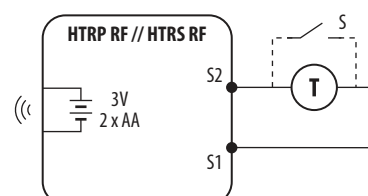
Product Dimensions



FEATURES

- ITLC (Internal Temperature Load Compensation)
- Clear easy to read LCD
- Integrates with UG600
- Can be used as room thermostat in a system with other programmable SALUS thermostats
- ErP Rating IV
- Fully programmable
- Pre-set override temperatures
- Optional floor temperature sensor
- Battery operated
- 5 Year Warranty

Wiring Diagram



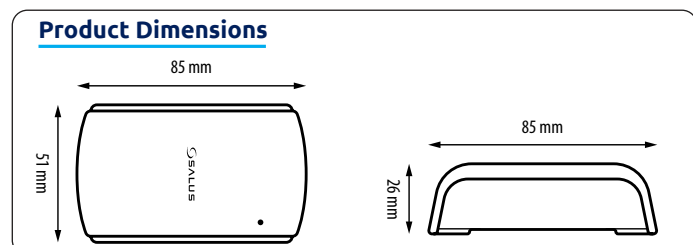
TS600

App controlled thermostat



Power Supply:	2 x AA Batteries
Wireless Standard:	ZigBee 2.4 GHz
Scale:	5°C to 32.5°C
Dimensions (mm):	L-51 x H-85 x D-26

Product Dimensions

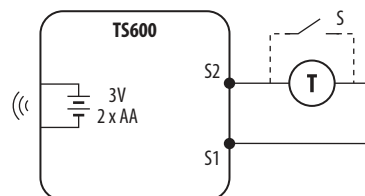


FEATURES

- Stylish, compact, surface mounted solution
- ITLC (Internal Temperature Load Compensation)
- LED indication
- Optional external sensor
- App Only Interface
- Clear and Easy to use
- Controls up to three SALUS Smart Radiator controls (TRVs) in a zone
- Control only via the SALUS Smart Home App
- 5 Year Warranty



Wiring Diagram

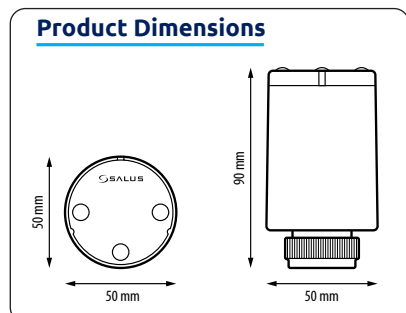


TRV10RFM

Smart Radiator Valve

Power Supply:	2 x AA Batteries
Thread Type:	M30 x 1.5mm
Dimensions (mm):	W-50 x H-90 x D-50

Product Dimensions



FEATURES

- Automatic valve adaptation
- Easy wireless pairing
- Manual on/off buttons
- LED status indication
- Buttons can be locked
- Frost protection function
- Open window detection function
- Limescale protection function
- Optional mounting ring
- 5 Year Warranty



Installation

Unscrew and remove the old valve anticlockwise.



Push on the new valve and tighten clockwise.



Accessory

TP28-30 Tamper proof jacket

Can be used to prevent unauthorised removal of device. Perfect for use in schools & offices.

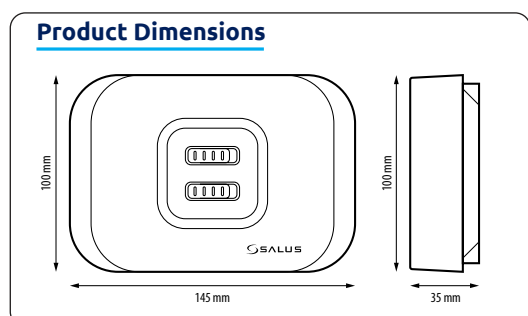


RX10RF

Boiler Receiver

Power Supply:	230 V AC 50 Hz
Rating Max:	16 (5) A SPST
Input/Output:	0 – 230V
Dimensions (mm):	L-145 H-100 P-35

Product Dimensions

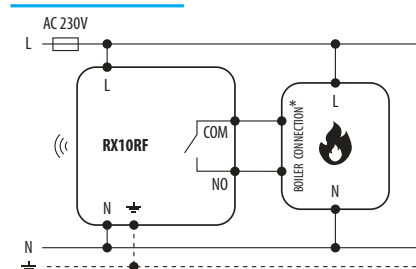


FEATURES

- Switching volt free and 230V (using a bridge)
- Manual Mode
- LED indicators
- Can be used as boiler receiver or individual zone receiver
- 5 Year Warranty



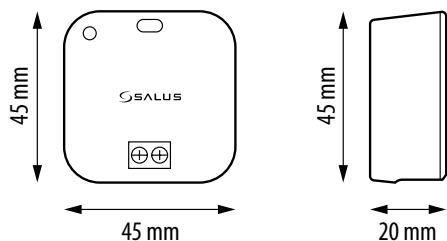
Wiring Diagram



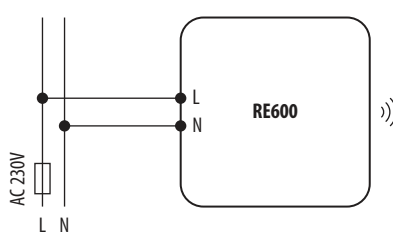
RE600

ZigBee Repeater

Product Dimensions



Wiring Diagram



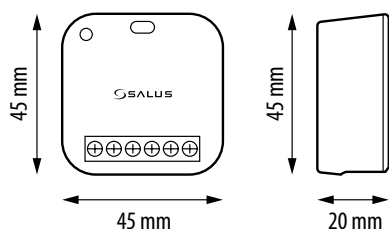
Power Supply:	230V AC 50 Hz
Wireless Standard:	ZigBee 2.4 GHz
Dimensions (mm):	L-45 x H-45 x D-20

SR600

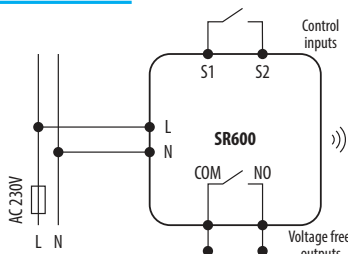
Smart Relay



Product Dimensions



Wiring Diagram



Power Supply:	230V AC 50 Hz
Max Current:	16 A
Wireless Standard:	ZigBee 2.4 GHz
Dimensions (mm):	L-45 x H-45 x D-20

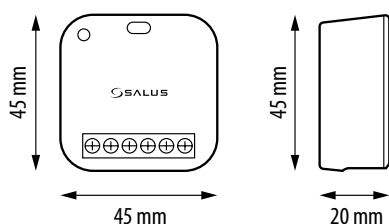
RS600

Roler Shutter Relay

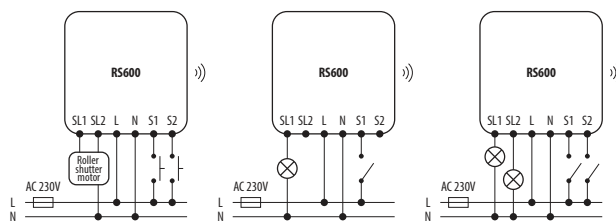
Power Supply:	230V AC 50Hz
Max Current:	2x 5A (2)
Wireless Standard:	ZigBee 2.4 GHz
Dimensions (mm):	L-45 H-45 D-20



Product Dimensions



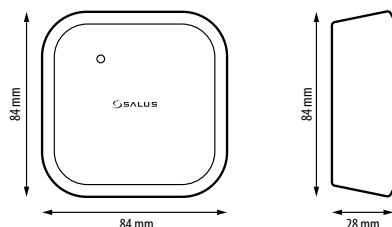
Wiring Diagram



SRS600

Surface Mount Bracket

Product Dimensions

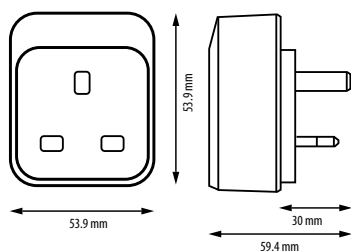


SP600

Smart Plug



Product Dimensions



FEATURES

- Easily time program each socket
- Remotely disable outlet rather than running in costly standby mode
- Monitor energy usage of outlet
- Can be linked to other devices via Smart Home rules engine
- Electric heating applications
- Small and discreet
- 5 Year Warranty

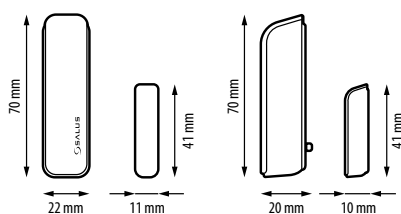
Power Supply:	230V AC 50 Hz
Wireless Standard	ZigBee 2.4 GHz
Operating Temperature:	-10°C to 50°C
Amp rating:	13A
Dimensions (mm):	L-49 x H-60 x D-36



SW600

Slim Window/Door Sensor

Product Dimensions



FEATURES

- Alert via the Smart Home app when a window/door is opened
- Can increase efficiency of heating system when used with SALUS Smart Home thermostats via Smart Home rules engine
- Can be linked to other devices via Smart Home rules engine
- 5 Year Warranty

Power Supply:	1 x CR2 3V Battery
Wireless Standard:	ZigBee 2.4 GHz
Operating Temperature:	0 to 40 °C
Dimensions Sensor (mm):	L-20 x H-70 x D-15
Dimensions Magnet (mm):	L-10 x H-40 x D-10



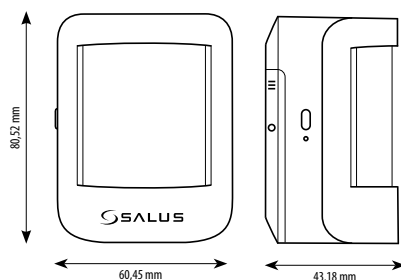
03

Smart Home

MS600

Smart Motion Sensor

Product Dimensions



FEATURES

- ZigBee protocol - Smart Home compatible
- Battery power supply –1x CR123A (3V)
- Detection angle: 80 (not adjustable)
- Detection range: 8m
- 5 Year Warranty

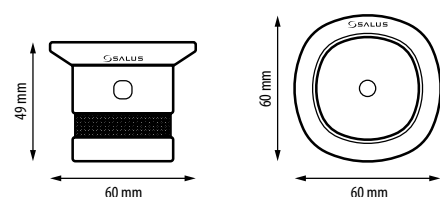
Power Supply:	1 x 3VDC, CR123A
Wireless Standard:	ZigBee 2.4 GHz
Operating Temperature:	0 °C to 40 °C
Dimensions (mm):	L-60 x H-80 x D-43



SD600

Smart Smoke Detector

Product Dimensions



FEATURES

- ZigBee protocol - Smart Home compatible
- Battery power supply –1x CR123 (3V)
- Sound alert > 80 decibels / 3 meters
- 5 Year Warranty

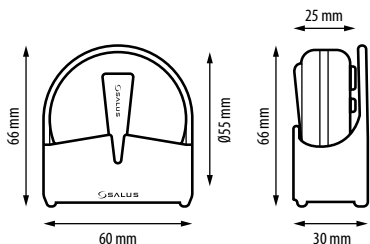
Power Source:	1x CR123A Battery
Wireless Standard:	Zigbee 2.4 GHz
Battery Life	5 years
Dimensions (mm):	L-60 H-60 D-49



WLS600

Smart Water Leak Sensor

Product Dimensions



FEATURES

- ZigBee Protocol - Smart Home compatible
- Battery power supply - 1x CR2 (3V)
- Length of the external sensor - 2 m
- Waterproof
- 5 Year Warranty

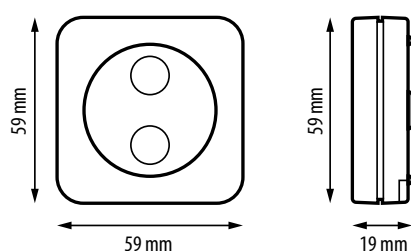


Power Source:	1x CR2 Battery
Wireless Standard:	Zigbee 2.4 GHz
Battery Life:	5 years
Dimensions (mm):	Ø-55 H-25

SB600

Smart Button

Product Dimensions



FEATURES

- Smart Button to activate One Touch Rule
- 2 Button Operation for 2 commands
- Battery operated for ease of locating
- Long Battery Life
- 5 Year Warranty

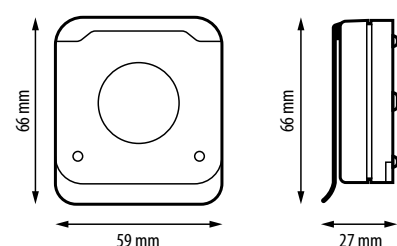
Power Source:	2 x AAA Batteries
Wireless Standard:	Zigbee 2.4 GHz
Dimensions (mm):	L-59 H-59 D-18



CSB600

Protective Smart Button

Product Dimensions



FEATURES

- Covered override button to activate One Touch Rule
- 1 Button Operation for single command
- Battery operated for ease of locating
- Long Battery Life
- 5 Year Warranty

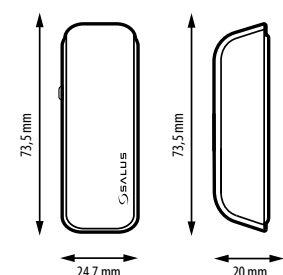
Power Source:	2 x AAA Batteries
Wireless Standard:	Zigbee 2.4 GHz
Dimensions (mm):	L-59 H-68 D-23



PS600

Pipe Sensor

Product Dimensions



FEATURES

- Pipe Temperature Sensor
- Smart connected sensor
- One touch rule compatible
- Relay switching via OneTouch rule
- ZigBee protocol - Smart Home compatibility
- Battery power supply - 1x CR2 (3V)
- External sensor length - 470 mm
- 5 Year Warranty

Power Source:	1 x CR2 Battery
Wireless Standard:	Zigbee 2.4 GHz
Measuring range:	-50°C - 100°C
Cable length:	470 mm
Dimensions (mm):	L-59 H-68 D-23



Smart Home Heating Packs

SH-BASE

You can start building your SALUS Smart Home system by purchasing the SH-BASE heating base pack. This will allow you to control a single zone heating system from anywhere from your smart device. Then from there you can extend your system by adding additional thermostats and TRV's with the SH-TRV pack, giving you the ability to control multiple zones and even individual rooms. We also have a full range of additional smart devices designed to make life easier which work individually or with other devices in the range by setting up smart rules.



Pack contains:

- 1x UG600 Universal Gateway
- 1x SQ610RF Thermostat
- 1x RX10RF Boiler Receiver



03

Smart Home

SH-TRV

Control additional zones and even individual room control from anywhere using your smart device and the SALUS Smart Home app. Each SQ610RF thermostat can control up to 6 TRV's in a particular zone or an individual room.

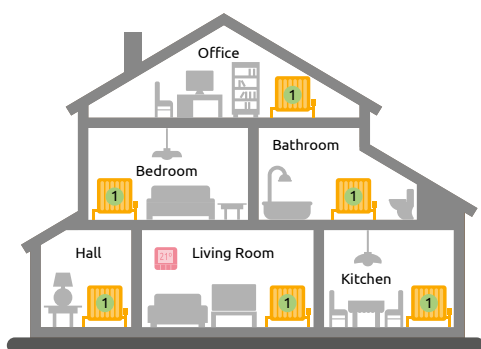
Pack contains:

- 1x SQ610RF Thermostat
- 1x TRV10RFM Radiator Valve*

*Additional TRV10RFM Radiator Valves can be purchased seperately

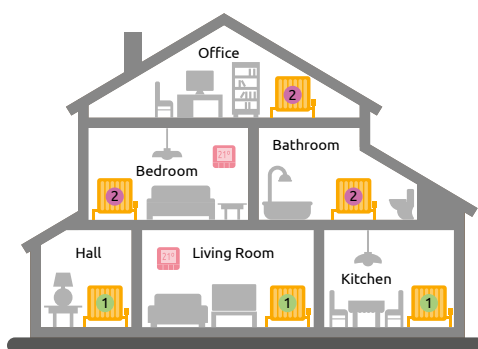


SYSTEM EXAMPLES



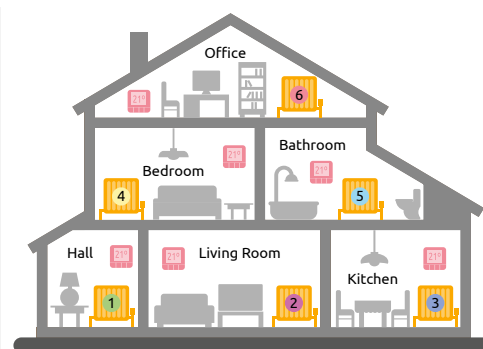
System 1:

This requires the SH-Base pack with an additional 5 TRV10RFM radiator valves. This system is acting as a single zone property.



System 2:

This requires the SH-Base pack along with an SH-TRV pack and an additional 4 TRV10RFM radiator valves. This system is acting as a two zone property.



System 3:

This requires the SH-Base pack with an additional 5 SH-TRV packs. This system is acting as a multi zone property and gives individual room control.

Mix & Match Range

SALUS Mix and Match range allows the user to choose the thermostat that best fits their requirements with the receiver most appropriate for their boiler type, including the 2-minute install plug-in units.



RT520TX
Thermostat



RT510TX+
Thermostat



iT500BM
Thermostat



RXBC605
Receiver



RXRT510
Receiver



RXWBC605
Receiver



SR868
Receiver



LG+5V
Receiver

RT520TX

Programmable Wired
Digital Room Thermostat
with large LCD

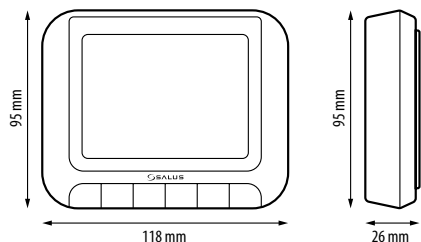


FEATURES

- Load Compensation (OpenTherm Compatible)
- Optimisation Functions
- New Larger, clear, easy to read LCD
- ITLC (Internal Temperature Load Compensation)
- ErP Rating V
- Service Mode
- Landlord PIN
- Easy Installation
- Simple Operation
- Battery Operated
- 5 Year Warranty



Product Dimensions



Power Source	2 x AA Batteries
Rating Max:	3 (1) A SPST
Input/Output:	0 - 230V
Scale:	5 to 33.5°C
Dimensions (mm):	W-118 H-95 D-26

Wiring

A and B	OpenTherm
NC	Switched Live OFF
NO	Switched Live ON
COM	Common Terminal

04

Mix & Match
Range

RT510TX+

Programmable Wireless
Digital Room Thermostat

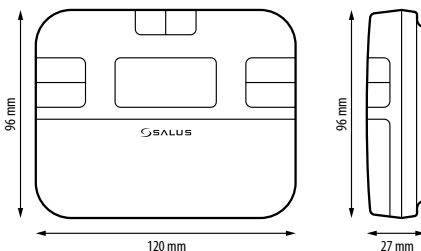


Wiring

COM	Common Terminal
NC	Switched Live OFF
NO	Switched Live ON

Power Source	2 x AA Batteries
Scale:	5 to 35°C
Dimensions (mm):	W-120 H-96 D-27

Product Dimensions



FEATURES

- Sleep Mode
- Programmable time and temperature scheduling
- Frost Protection
- Desk Stand
- 5 Year Warranty
- Simple Operation
- Frequency 868 MHz with 30 metre range
- Manual mode on thermostat to disable schedule
- Heating Boost Mode
- Holiday Mode
- Manual override
- Contemporary design
- RF Test Function
- Easy Installation
- ITLC (Internal Temperature Load Compensation)
- Boiler Plus Compatible
- 5 Year Warranty

iT500BM

Digital Internet
Thermostat



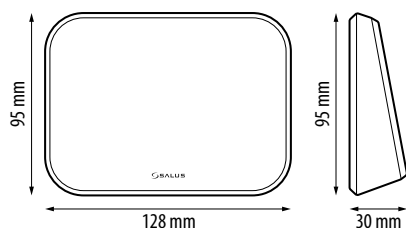
*Can only be used with RXVBC605,
RXWBC605, RXBC605, RXBC5V and LG+5V

FEATURES

- Wall or surface mount thermostat
- Touch controls
- Heat/Cool
- Built-in start up programming for quick installation
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty



Product Dimensions

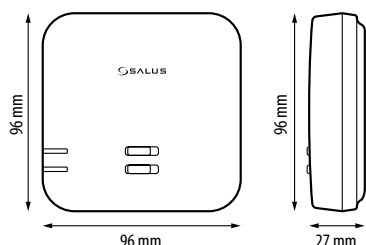


Power Source	2 x AA Batteries
Scale:	5 to 35°C
Dimensions (mm):	W-128 H-95 D-30

RXRT510

Wireless Receiver

Product Dimensions



Standard RF boiler receiver compatible with most common boilers and any Thermostat in the Mix and Match Range (except the iT500BM). Can be used for volt free and 230V applications.

FEATURES

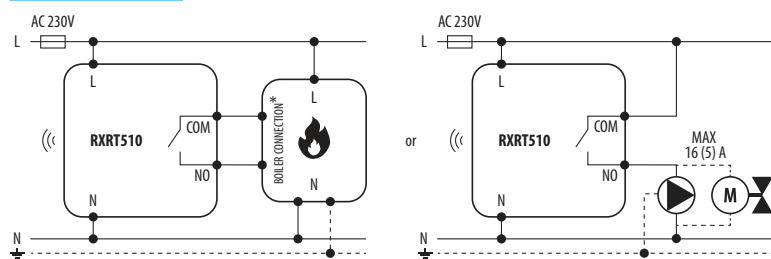
- Manual override control
- LED status indication
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Power Source	230V AC 50Hz
Rating Max:	16 (5) A SPST
Input/ Output:	0 to 230V
Dimensions (mm):	W-96 H-96 D-27

Wiring

L	Live connection
N	Neutral connection
COM	Input
NO	Switched output

Wiring Diagram



RXBC605

Plug-in Receiver



FEATURES

- Plug in connections
- Manual override control
- LED status indication
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Optional Boiler Plate BBP1

For BAXI 100, 200, 300 & 400 Range



Power Source	230V AC 50Hz
Rating Max:	5 (1) A SPST
Output:	0 - 230V
Dimensions (mm):	W-58 H-58 D-30

Internal boiler connections

1	Neutral connection
2	Live connection
3	Live in
4	Switched output

RXBC5V

Plug-in Receiver



FEATURES

- No additional wiring or power supply
- Plug and play format 2-minute installation
- Control your boiler using a Smartphone, Tablet or PC via the app (iT500)
- 5 Year Warranty

Power Source	5V DC
Output:	5V DC
Dimensions (mm):	W-58 H-58 D-30

Terminal	Identifier	Description
1	DC+	5V DC+
2	DC-	5V DC-
3	COM	Common input
4	NO	Normal open
5	NC	Normal closed

LG+5V

Plug-in Receiver with bezel and wiring loom

Compatible with Ideal Logic Gen 2, Vogue and Zanussi Boilers



FEATURES

- Plug in connections
- Manual override control
- LED status indication
- Frequency 868 MHz
- 30 metre range
- 5 Year Warranty

Power Source	5V DC
Output:	5V DC
Dimensions (mm):	W-129 H-84 D-30

Terminal	Identifier	Description
1	DC+	5V DC+
2	DC-	5V DC-
3	COM	Common input
4	NO	Normal open
5	NC	Normal closed

04

Mix & Match Range

RXWBC605

Plug-in Receiver

Compatible with Worcester Bosch boilers



FEATURES

- Plug in connections
- LED status indication
- Manual override control
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Power Source	24V DC
Output:	24V DC
Dimensions (mm):	W-130 H-108 D-25

SR868

868MHz Wireless Relay



FEATURES

- Industry leading 16A max current
- Wireless communication
- Compact Size
- Internet connectable (RT310iSR)
- 5 Year Warranty

Power Source:	230 V AC 50Hz
Max Current:	16 (5) A
Wireless Standard:	868 MHz
IP Rating	IP30
Dimensions (mm):	W-45 H-45 D-26

INSTALLER

Technical Support!

We want you as an installer to feel confident when fitting SALUS products. We have a dedicated technical support team that are happy to assist with any questions relating to your SALUS product or installation.

Please contact us on:

Website:

www.salus-tech.com

Email:

techsupport@salus-tech.com

Telephone:

01226 323961



PROGRAMMERS

EP110

Single Channel
Programmer



FEATURES

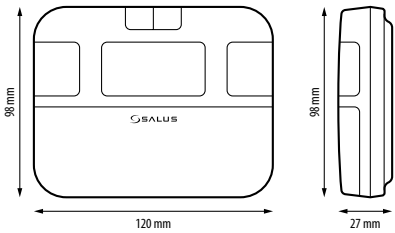
- Switching volt free and 230V
- Timed control for central heating or hot water
- 3 On/Off periods
- Large, easy to read LCD
- Holiday function
- Advance function
- Boost function
- Simple installation
- Default program
- 5 Year Warranty

Wiring

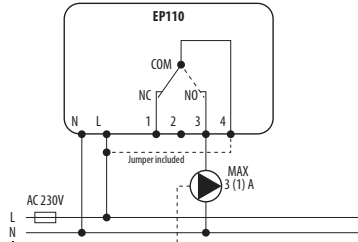
N	Neutral connection
L	Live connection
(1)	NC terminal
(3)	Switched output NO
(4)	Common connection



Product Dimensions



Wiring Diagram



Power Source	230V AC 50Hz
Rating Max:	3 (1) A SPDT
Output:	0 - 230V
Dimensions (mm):	W-120 H-98 D-27

EP210

Two Channel
Programmer



FEATURES

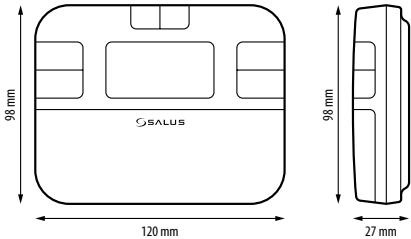
- Can only be used for 230V applications.
- Individual control of central heating and hot water
- 3 On/Off periods
- Large, easy to read LCD
- Holiday function
- Advance function
- Boost function
- Simple installation
- Default program
- 5 Year Warranty

Wiring

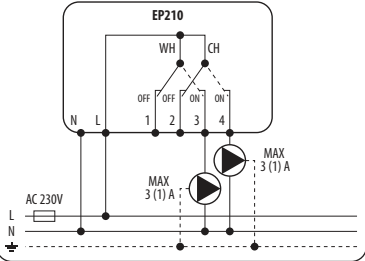
N	Neutral connection
L	Live connection
(1)	Hot water OFF
(2)	Central heating OFF
(3)	Hot water ON
(4)	Central heating ON



Product Dimensions



Wiring Diagram



Power Source	230V AC 50Hz
Rating Max:	3 (1) A SPDT
Output:	230V
Dimensions (mm):	W-120 H-98 D-27

05

Programmings

EP310

Three Channel
Programmer



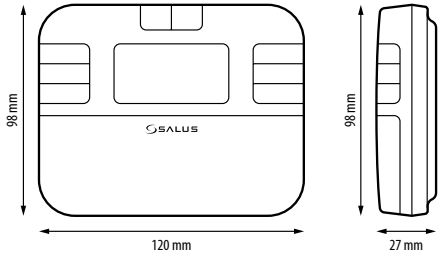
FEATURES

- Can only be used for 230V applications.
- Time control for the two heating zones and hot water zone
- 3 On/Off periods
- Large, easy to read LCD
- Holiday function
- Advance function
- Boost function
- Simple installation
- Default program
- 5 Year Warranty

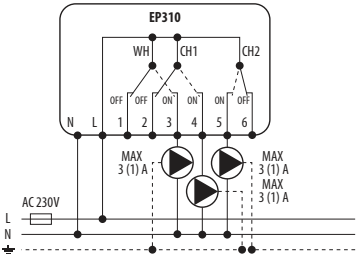
Supply:	230V AC 50Hz
Rating Max:	3 (1) A SPDT
Output:	230V AC 50Hz
Size (mm):	W-120 H-98 D-27



Product Dimensions



Wiring Diagram



Wiring

N	Neutral connection
L	Live connection
(1)	Hot water OFF
(2)	Central heating zone 1 OFF
(3)	Hot water ON
(4)	Central heating zone 1 ON
(5)	Central heating zone 2 ON
(6)	Central heating zone 2 OFF

MD22S

Inline Magnetic Filter

The Magnetic Filter is specially designed for central heating systems. It can remove almost all the harmful black suspended iron oxide particles accumulated in the central heating system and protect the complete central heating system.



FEATURES

- Simple installation & servicing
- Immediate results & system protection
- No running costs
- Energy saving
- Compact Dosing Pot
- Ultra Strong magnet in dry pocket
- Top mounted air vent
- Base mounted 1/2" drain valve
- 22mm isolation valves supplied
- Vertical and Horizontal positioning
- Easy removal of magnet
- 5 year warranty

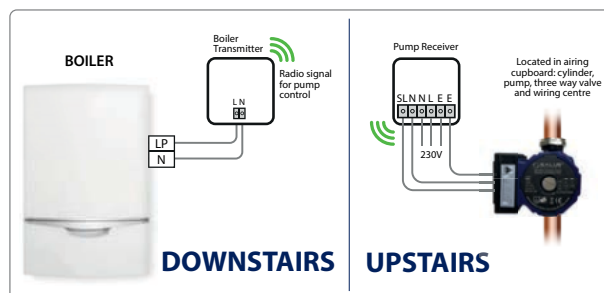
RF Main Switch

RF Boiler Pump Switch



FEATURES

- Can be used for any heating or electrical requirement up to 1000W
- Can be used for any domestic environment where you don't want to run wires
- No running costs
- Easy installation



MP100A / MP200A

Energy Saving Pump



FEATURES

- Meets EuP legislative demands
- Energy efficient pump for significant energy savings
- Variable and fixed speed operation - one pump for all jobs
- Plug and Pump - no need to open terminal box
- Comes pre-wired
- 5 year warranty

MP100A 3-5 Metre Head

MP200A 4-6 Metre Head

Voltage	230V 50Hz
Protection Grade:	IP42
MP100A:	5M Head Max
MP200A:	6M Head Max

Wiring - MP100A & MP200A	
L	Live Connection
N	Neutral Connection
E	Earth Connection

CT100

Pipe Cylinder Thermostat



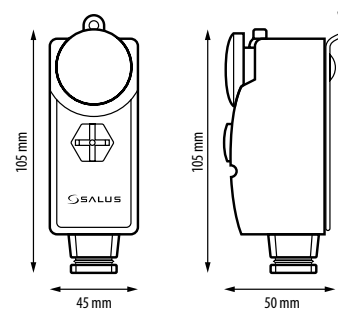
Surface mounted mechanical thermostat for controlling a domestic hot water tank.

FEATURES

- Compatible with foam insulated tanks
- Can be used as a pipe thermostat

Power Source	230 V (AC) 50 Hz
Rating Max	16 (4) A SPDT
Output	230 V (AC) 50 Hz
Scale	40 to 80 °C
Dimensions (mm):	L-45 H-105 P-50

Product Dimensions



TC100

Wiring Centre



Can be used in all heating applications with links for S & Y plan systems.

Features

- Easy to use
- Simplifies wiring
- Large terminals
- Manufactured in flame-retardant plastic
- Suitable for all heating systems

Max Supply	230V AC
Terminals	16 Terminals
Dimensions (mm):	L-230 H-127 D-42

PMV22/28

2 Port Motorised Valve
available in 22 and 28mm



Premium Motorised Valve used for domestic central heating and hot water systems.

FEATURES

- Industry colour coded wiring with 1m cable
- Detachable head
- Compatible with Honeywell bodies

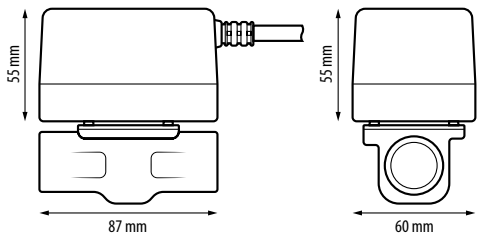
Power Source	230V AC 50Hz
Rating Max	6 (2) A
Output:	230V AC 50Hz
Dimensions (mm):	L-87 H-122 D-60

PMVRH01

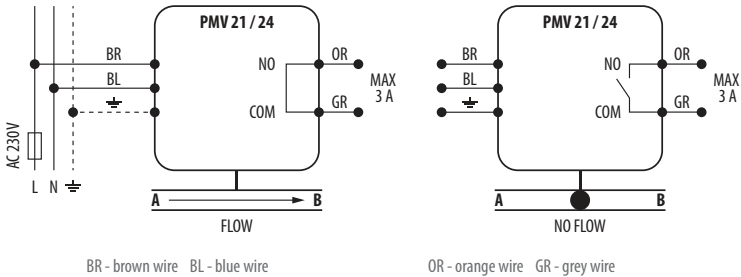
Replacement Head



Product Dimensions



Wiring Diagram



PMV32/38

3 Port Motorised Valve
available in 22 and 28mm



Premium Motorised Valve used for domestic central heating and hot water systems.

FEATURES

- Industry colour coded wiring with 1m cable
- Detachable head
- Compatible with Honeywell bodies

Power Source	230V AC 50Hz
Rating Max	6 (2) A
Output:	230V AC 50Hz
Dimensions (mm):	L-87 H-122 D-60

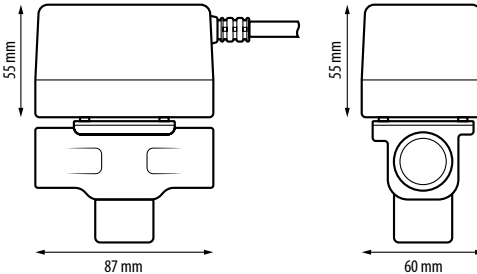
PMVRH03

Replacement Head

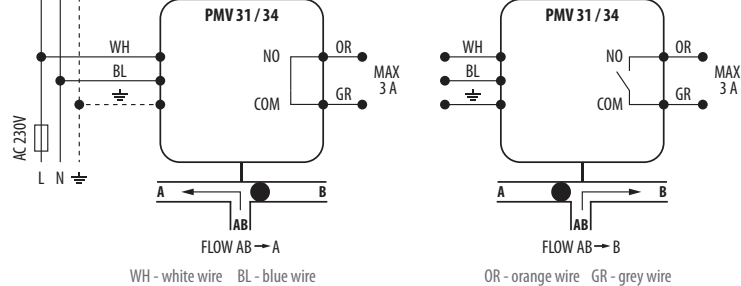


06
Accessories

Product Dimensions



Wiring Diagram



BPV100

Automatic Bypass Valve



Automatic bypass valve for domestic heating system.

FEATURES

- Improves efficiency
- Cuts out system noises
- Maintains flow rates
- Perfect for low water content systems
- Available in 22mm only

Dimensions (mm):	L-105 H-50 P-22
------------------	-----------------

TRV31LS10

Thermostatic Radiator Valves Pack



TRV pack with 5mm angled TRV and lock shields.

Maximum working pressure	10 bar
Maximum flow temperature	120°C
Maximum differential pressure	0.6 bar
Recommended differential pressure	0.2 bar
Temperature range:	6 - 29°C

Dimensions TRV (mm):	H-75 W-35
Dimensions Lock Shield (mm):	H-75 W-35

TRV310A

Thermostatic Radiator Valves



Thermostatic radiator valves for various applications. 15mm angled TRV.

Maximum working pressure	10 bar
Maximum flow temperature	120°C
Maximum differential pressure	0.6 bar
Recommended differential pressure	0.2 bar
Temperature range:	6 - 29°C

Dimensions (mm):	H-75 W-35
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TRV31LS5

Thermostatic Radiator Valves



TRV Pack with 15mm angled TRV and lockshield.

Maximum working pressure	10 bar
Maximum flow temperature	120°C
Maximum differential pressure	0.6 bar
Recommended differential pressure	0.2 bar
Temperature range:	6 - 29°C

Dimensions TRV (mm):	H-75 W-35
Dimensions Lock Shield (mm):	H-75 W-35

TRLS10

15mm Lock shield with drain off



15mm lockshield with drain off.

Maximum working pressure	10 bar
Maximum flow temperature	120°C
Maximum differential pressure	0.6 bar
Recommended differential pressure	0.2 bar
Temperature range:	6 - 29°C

Dimensions (mm):	H-75 W-35
------------------	-----------

Control Packs

5
YEAR
WARRANTY



06
Accessories

We have various heating control packs available for a variety of applications.
We can also supply a range of others to suit your needs.

CP122 Unvented Heating Control Pack

EP210, PMV22, RT200, TC100

CP322 Y Plan Control Pack

CT100, EP210, PMV32, TC100, RT200

CP222 S Plan Control Pack

CT100, EP210, TC100, RT200, PMV22

CP328 Y Plan Control Pack

CT100, EP210, TC100, RT200, PMV38

CP228 S Plan Control Pack

PMV28, EP210, RT200, CT100, TC100

Underfloor Heating Controls

If you are looking for an underfloor heating control solution we can provide the ideal system for you. We have traditional and SmartHome solutions, making SALUS your perfect underfloor heating control supplier.

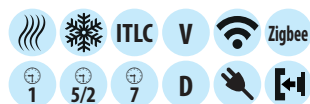




07
Underfloor
Heating

SQ610

SALUS Quantum, Ultra Slim,
Wired, Smart Thermostat
for underfloor heating control



**NEW
PRODUCT**

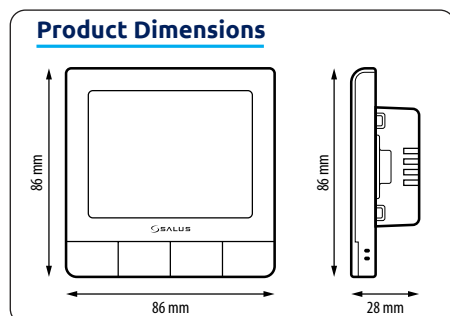
FEATURES

- ZigBee protocol
- Thickness outside the wall 10mm
- 230V power supply
- Large LCD screen
- Humidity sensor
- Programmable - daily, weekly or 5/2
- Hysteresis ± 0.5 and 0.25
- Class IV ERP
- ITLC (Internal Temperature Load Compensation)
- 2 contacts for presence sensor or external sensor / floor sensor
- Control from the Smart Home app
- Heating / Cooling mode
- Operates with UG600 Gateway or independently
- 5 Year Warranty

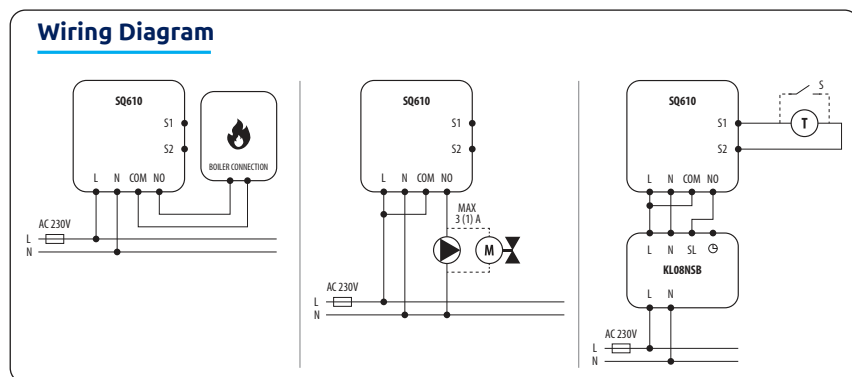


Power Supply:	230V (CA) 50 Hz
Wireless Standard:	2.4 GHz ZigBee
Operating Temp:	0 to 50 °C
Dimensions (mm):	L-88 x W-88 x H-55

Product Dimensions

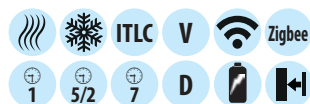


Wiring Diagram



SQ610RF

SALUS Quantum, Ultra Slim,
Wireless, Smart Thermostat
for underfloor heating control



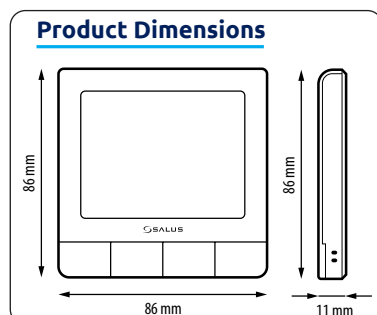
FEATURES

- ZigBee protocol
- Just 11mm deep
- Re-chargeable Lithium Ion battery
- Large LCD screen
- Humidity sensor
- Programmable - daily, weekly or 5/2
- Hysteresis ± 0.5 and 0.25
- Class IV ERP
- ITLC (Internal Temperature Load Compensation)
- 2 contacts for presence sensor or external sensor / floor sensor
- Control from the Smart Home app
- Heating / Cooling mode
- Operates with UG600 Gateway
- 5 Year Warranty

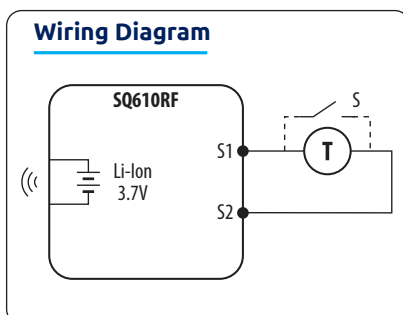


Power Supply:	5 V DC interface USB
Wireless Standard:	2.4 GHz ZigBee
Operating Temp:	0 to 50 °C
Dimensions (mm):	L-88 x W-88 x H-55

Product Dimensions



Wiring Diagram



CDUK Quantum Charging Dock

FEATURES

- Surface Stand
- Portable Charging Station
- Mains Powered via USB

Power Supply:	5 V DC interface USB
Dimensions (mm):	H-90 x W-80 x D-60



SQ605

SALUS Quantum, Ultra Slim,
Wired, Smart Dial Thermostat
for underfloor heating control



COMING
SOON

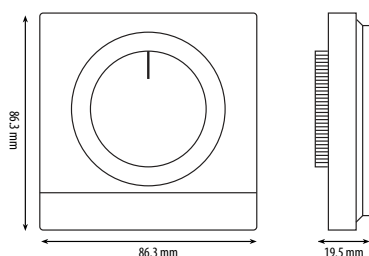
FEATURES

- Thickness outside the wall 10mm
- 230V power supply
- Dial control
- Hysteresis ± 0.5
- Class IV ERP
- ITLC (Internal Temperature Load Compensation)
- 2 contacts for presence sensor or external sensor / ground
- Heating / Cooling mode
- Operates with UG600 Gateway
- 5 Year Warranty

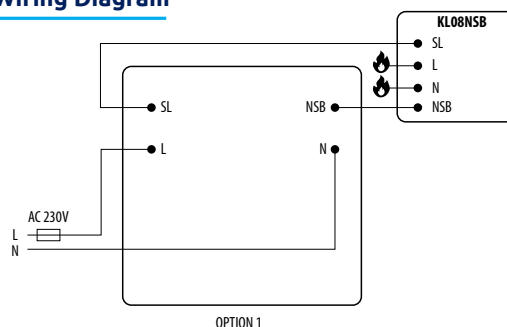


Power Supply:	230V (CA) 50 Hz
Operating Temp:	0 to 50 °C
Dimensions (mm):	L-88 x W-88 x H-55

Product Dimensions

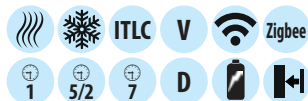


Wiring Diagram



SQ605RF

SALUS Quantum, Ultra Slim,
Wireless, Smart Dial Thermostat
for underfloor heating control



FEATURES

- ZigBee protocol
- Just 11mm deep
- Re-chargeable Lithium Ion battery
- Dial control
- Hysteresis ± 0.5
- Class IV ERP
- ITLC (Internal Temperature Load Compensation)
- 2 contacts for presence sensor or external sensor / ground
- Control from the Smart Home app
- Heating / Cooling mode
- Operates with UG600 Gateway
- 5 Year Warranty

COMING
SOON

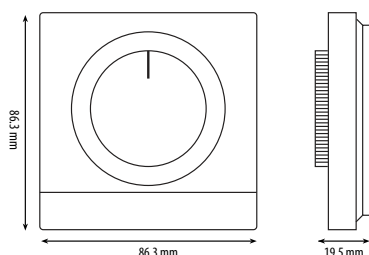


07

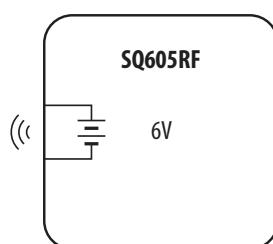
Underfloor
Heating

Power Supply:	3 x AAA
Wireless Standard:	2.4 GHz ZigBee
Operating Temp:	0 to 50 °C
Dimensions (mm):	L-88 x W-88 x H-55

Product Dimensions



Wiring Diagram



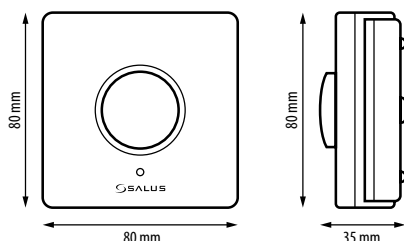
HTR230

Dial thermostat



Power Supply:	230V AC
Scale:	5 °C – 30 °C
Dimensions (mm):	L-85 x H-85 x D-25

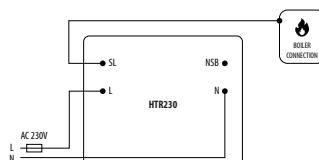
Product Dimensions



FEATURES

- PWM
- Traditional dial face
- ErP Rating IV
- 230V AC
- 5 Year Warranty

Wiring Diagram



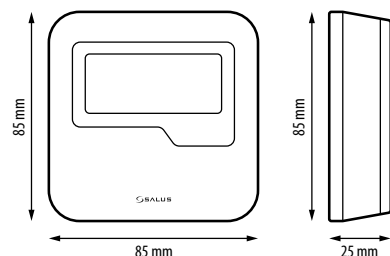
HTRS230

Digital Display Thermostat



Power Supply:	230V AC
Scale:	5 °C – 35 °C
Dimensions (mm):	L-85 x H-85 x D-25

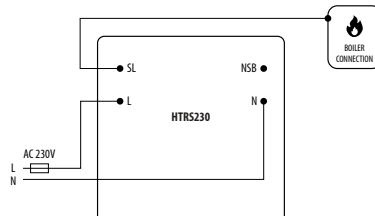
Product Dimensions



FEATURES

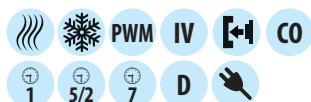
- PWM
- Clear easy to read LCD
- Can be used as room thermostat in a system with other programmable SALUS thermostats
- ErP Rating IV
- Pre-set override temperatures
- 230V AC
- 5 Year Warranty

Wiring Diagram



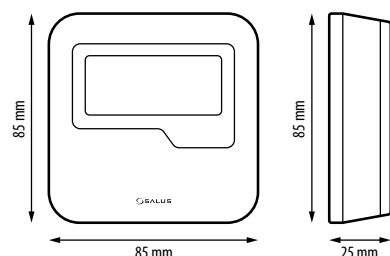
HTRP230

Battery Operated Smart Programmable Thermostat



Power Supply:	2 x AA Batteries
Scale:	5 °C – 35 °C
Dimensions (mm):	L-85 x H-85 x D-25

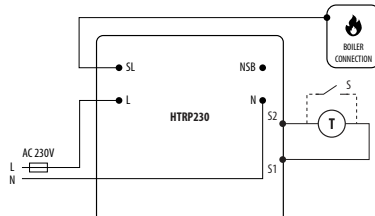
Product Dimensions



FEATURES

- PWM
- Clear easy to read LCD
- Can be used as room thermostat in a system with other programmable SALUS thermostats
- ErP Rating IV
- Fully programmable
- Pre-set override temperatures
- Optional floor temperature sensor
- 230V AC
- 5 Year Warranty

Wiring Diagram



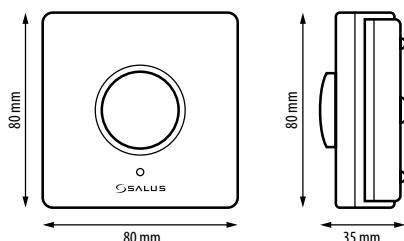
HTR-RF(20)

Zigbee RF dial thermostat



Power Supply:	2 x AA Batteries
Scale:	5 °C – 32.5 °C
Dimensions (mm):	L-80 x H-80 x D-35

Product Dimensions

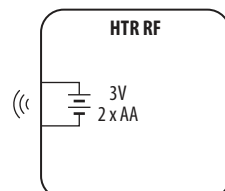


FEATURES

- ITLC (Internal Temperature Load Compensation)
- Traditional dial face
- Integrates with HTRP-RF(50)
- ErP Rating IV
- Battery operated
- 5 Year Warranty



Wiring Diagram



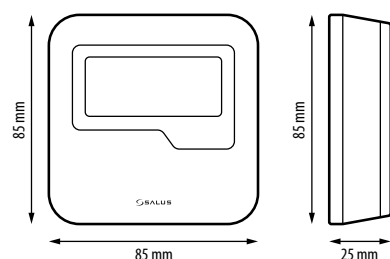
HTRS-RF(30)

Battery Operated Smart Thermostat



Power Supply:	2 x AA Batteries
Scale:	5 °C – 32.5 °C
Dimensions (mm):	L-85 x H-85 x D-25

Product Dimensions

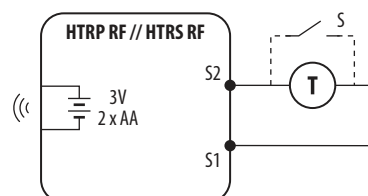


FEATURES

- ITLC (Internal Temperature Load Compensation)
- Clear easy to read LCD
- Integrates with HTRP-RF(50)
- Can be used as room thermostat in a system with other programmable SALUS thermostats
- ErP Rating IV
- Pre-set override temperatures
- Battery operated
- 5 Year Warranty



Wiring Diagram



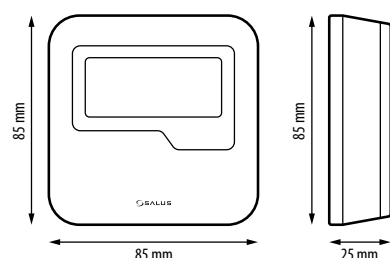
HTRP-RF(50)

Battery Operated Smart Programmable Thermostat



Power Supply:	2 x AA Batteries
Scale:	5 °C – 32.5 °C
Dimensions (mm):	L-85 x H-85 x D-25

Product Dimensions

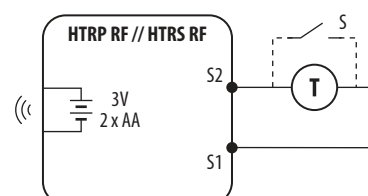


FEATURES

- ITLC (Internal Temperature Load Compensation)
- Clear easy to read LCD
- Integrates with HTRS-RF(30)
- Can be used as room thermostat in a system with other programmable SALUS thermostats
- ErP Rating IV
- Fully programmable
- Pre-set override temperatures
- Optional floor temperature sensor
- Battery operated
- 5 Year Warranty



Wiring Diagram



07

Underfloor Heating

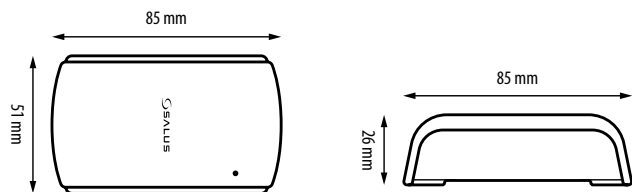
TS600

App controlled thermostat



Power Supply:	2 x AA Batteries
Wireless Standard:	ZigBee 2.4 GHz
Scale:	5°C to 32.5°C
Dimensions (mm):	L-51 x H-85 x D-26

Product Dimensions

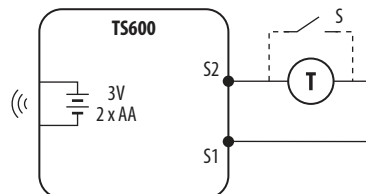


FEATURES

- Stylish, compact, surface mounted solution
- ITLC (Internal Temperature Load Compensation)
- LED indication
- Optional external sensor
- App Only Interface
- Clear and Easy to use
- Controls up to six SALUS Smart Radiator controls (TRVs) in a zone
- Control via the SALUS Smart Home App
- 5 Year Warranty



Wiring Diagram



FS4000

Floor Sensor

S1	Remote/Floor temperature sensor terminal 2
S2	Remote/Floor temperature sensor terminal 2

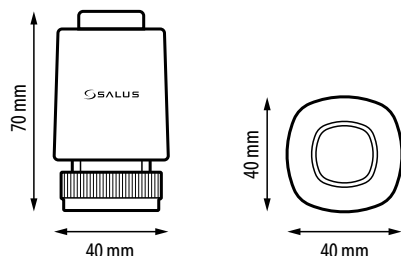


T30NC230

Electro Thermal Actuator

Operation:	NC - Normally Closed
N:	Neutral Connection
L:	230V Live Connection
Size (mm):	W-38 x H-38 x D-60

Product Dimensions



FEATURES

- Adaptive stroke length 4mm
- Low Power consumption 2W
- 100N Force
- High quality wax element
- Simple open and close indication
- Universal M30 x 1.5mm screw thread
- 5 Year Warranty

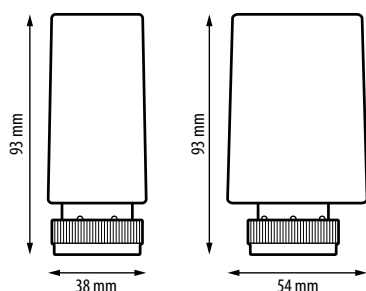


THB23030

Auto Balancing Actuator

Operation:	NC - Normally Closed
N:	Neutral Connection
L:	230V Live Connection
Size (mm):	W-38 x H-93 x D-53

Product Dimensions



FEATURES

- Auto balancing with 7°C
- Energy efficient
- Easy & quick to install
- Includes 2-piece pipe sensors
- Precision motorised actuator
- Ultra-low power 0.5W
- Fit & forget UFH balance control
- Fast valve opening & closing
- Universal M30 x 1.5mm screw thread
- 5 Year Warranty



07

Underfloor
Heating



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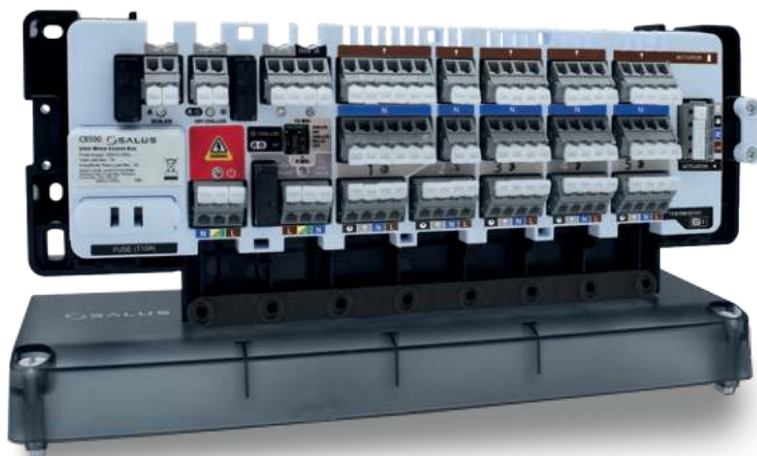
CB500

5 Zone Wiring Centre

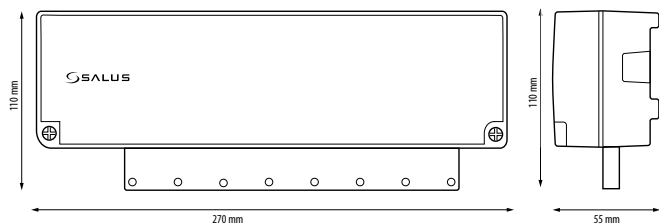
Power Supply:	230V AC 50Hz
Total Load Max:	7A
Pump / Boiler / HP (Chiller) Relay Load Max:	5A
Inputs:	Heating / Cooling (volt free) & dew point sensor
Outputs:	Boiler control output (volt free) Heat Pump / Chiller control output (volt free) UFH Pump & UFH Zone Valve Control (AC 230V) Actuators (AC 230V)
Size (mm):	W-270 x H-110 x D-55

FEATURES

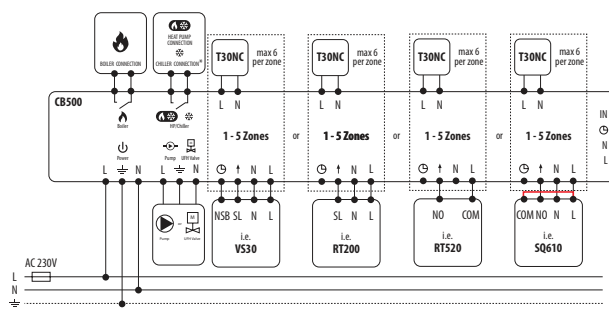
- Controls 5 independent heating zones
- Allows thermostat cables to be installed from the bottom for ease of install
- 20 outputs for actuator connection
- 230V Switching for the Pump & Zone Valve
- Volt-Free Boiler, Heat pump or chiller relays
- New push clamps for cable connection
- Pull-out protection clamps for all wires
- It can be extended with a CB500X extension (up to 15 zones)
- Slim housing and easy to install design



Product Dimensions



Wiring Diagram



CB500X

5 Zone Extension

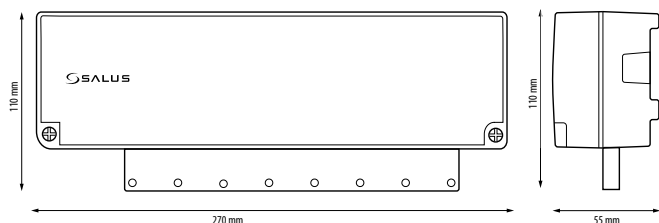
Power Supply:	230V AC 50Hz
Total Load Max:	1A
Outputs:	Actuators (AC 230V)
Size (mm):	W-270 x H-110 x D-55

FEATURES

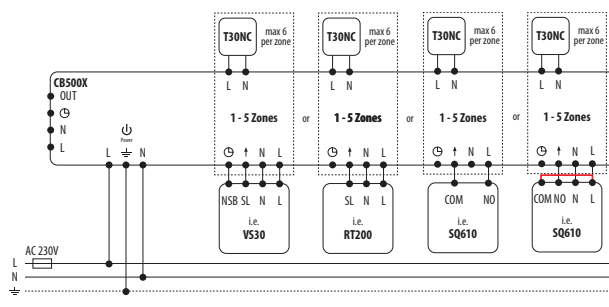
- Controls 5 independent heating zones
- Allows thermostat cables to be installed from the bottom for ease of install
- 20 outputs for actuator connection
- New Push clamps for wire connections
- Pull-out protection clamps for all wires
- It can be extended with an additional CB500X for a max 15 zones
- Slim housing and easy to install design



Product Dimensions



Wiring Diagram



KL08RF

Wireless 8 Zone Master Wiring Centre

Power Supply:	230V
Switching current:	5A Max
Pump/Boiler Relay Load:	3A Max
Output:	230V
Size (mm):	W-353 x H-85 x D-65

FEATURES

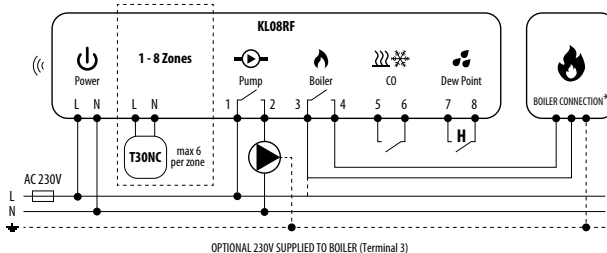
- 8 zones with 3 actuators per zone
- Push-in cable connections with strain relief
- Volt free pump and boiler switching
- LED status indication
- Works with NO and NC actuators
- Includes coordinator or ZigBee wireless for Smart Home App integration
- Zigbee 2.4GHz
- 5 Year Warranty



Product Dimensions



Wiring Diagram



KL04RF

Wireless 4 Zone Slave Extension

Power Supply:	230V
Switching current:	5A Max
Output:	230V
Size (mm):	W-163 x H-85 x D-65

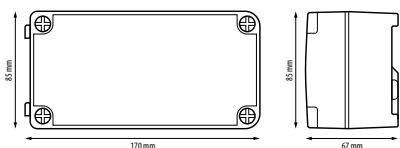
FEATURES

- Plug in slave unit to extend the KL08RF
- 4 zone plug-in slave unit with 3 actuators per zone
- Push-in cable connections with strain relief
- LED status indication
- Works with NO and NC actuators
- 5 Year Warranty

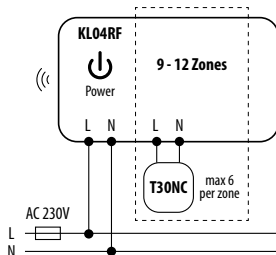
07

Underfloor
Heating

Product Dimensions



Wiring Diagram

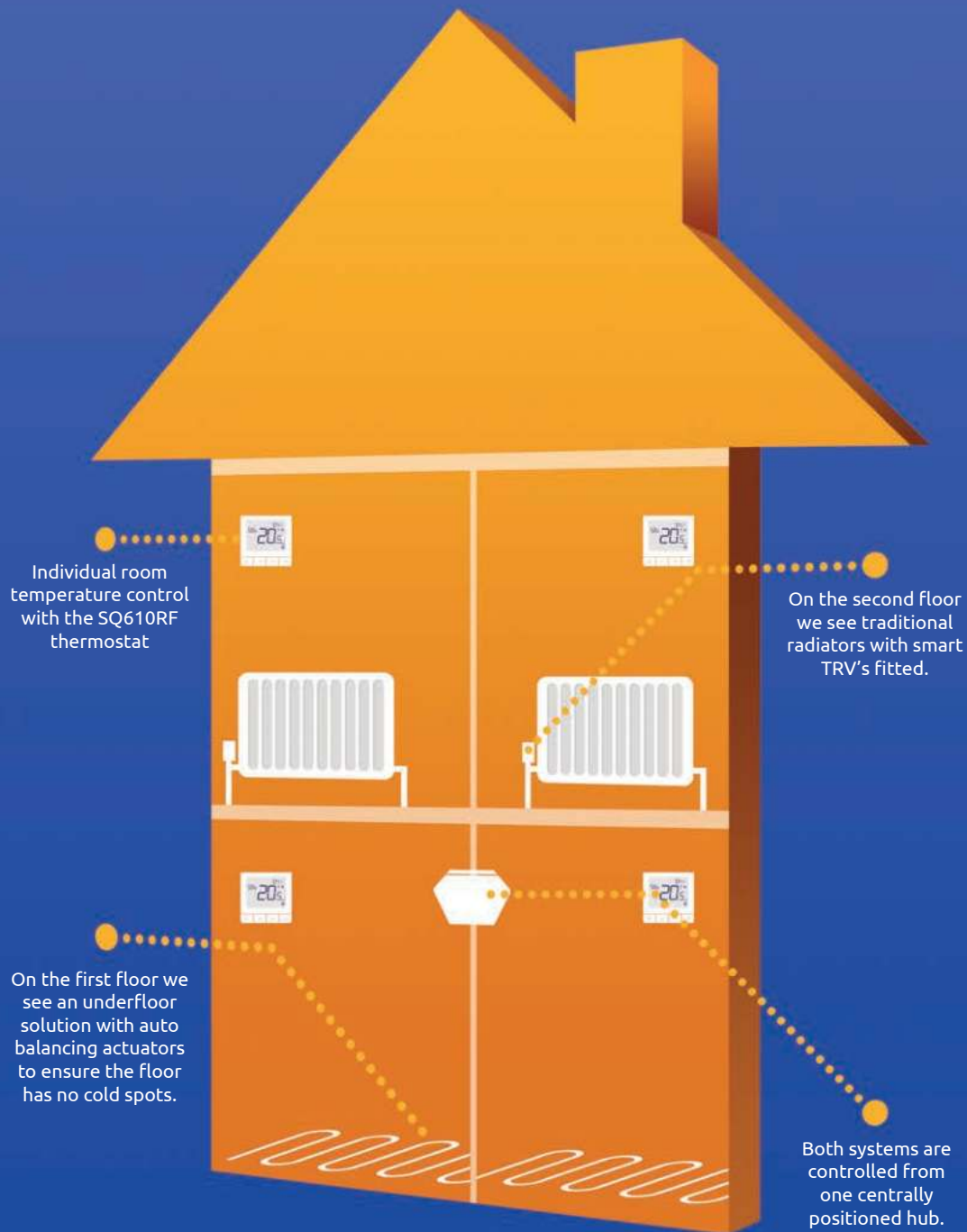


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Or alternatively please call
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01226 323961

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