

STR600

Room Sensors



Product Description

The STR is a series of wall modules optimized for public facilities such as office buildings, hotels, hospitals, schools and shopping malls. Their pleasant appearance and well-designed interface make them suitable for any contemporary building. They are easy to operate and install.

The STR600 series of wall mounted sensors are designed primarily for the Satchwell range of controllers. Each model provides a comprehensive selection of features including set-point adjustments, LED indication, remote manual switching, and a variety of fan speed selection switches.

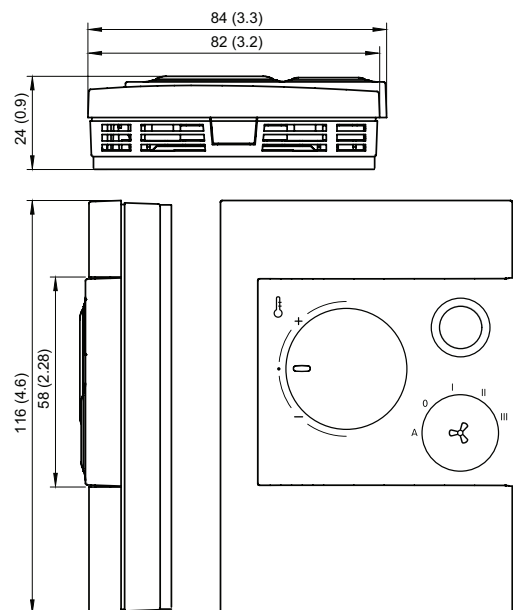
Available Products

Part Number	Model
004604100	STR600
004604300	STR602
004604500	STR610
004604800	STR613

Specifications

Ambient Conditions	
Storage temperature	-20 ... 70 °C (-4 ... 158 °F)
Operation temperature	0 ... 50 °C (+32 ... 122 °F)
Humidity	Max. 90% non-condensing relative humidity
Mechanical	
Enclosure material	ABS/PC
Enclosure rating	IP 20/NEMA 1
Dimensions	See dimensional diagram
Weight	85 g (0.19 lb.)
Regulatory Information	
Emissions	EN 61000-6-3
Immunity	EN 61000-6-1
Safety	EN 61010-1

Dimensions mm (in.)



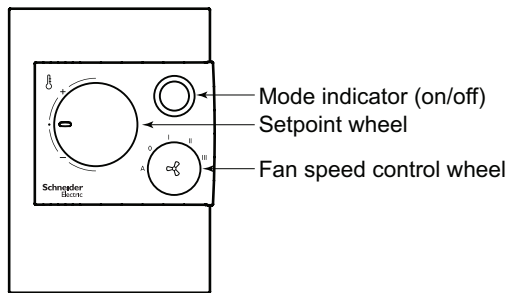
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Functions

The diagram below shows the STR610. Functionality differs by model, as detailed in the table.



Model	Temp. Sensor	Mode Indicator	Setpoint Wheel	Fan Speed Control
STR600	5.02 k Ω			
STR602	5.02 k Ω		5 k Ω	
STR610	5.02 k Ω	X	1 k Ω	X
STR613	5.02 k Ω	X	1 k Ω	

Mode Indicator

A green LED is used on some models to indicate the mode of the controller.

Setpoint Wheel

A setpoint wheel is provided on some models for adjusting the temperature setpoint or offset.

Adjustment Ranges

Model	Range
STR602	10 ... 35 °C (50 ... 95 °F)
STR610	± 3 °C (± 5.4 °F)
STR613	± 3 °C (± 5.4 °F)

Wiring

These units use 2-7 wires for installation. The wiring is easily accessible due to the plug-in concept.

Cables

Twisted pair, unshielded, with a minimum cross-sectional area of 0.7 mm² (AWG-19) and a maximum length of 30 m (100 ft).

Mounting

The units can be mounted directly onto the wall or fitted onto a wide variety of back-boxes. The plug-in concept makes wiring quick and easy.

Maintenance

No maintenance is required for the wall module. If necessary, it may be cleaned with a soft cloth.

Controller/STR Model Matrix

STR Model	IAC600	CZU	SVT	CXT	CZT	CXR	CSC	KMC	IAC420/600	MMC	MN	BAS	Sigma	URC
STR600	X	X	X	X	X	X	X	X	X	X	X	X	X	
STR602	X	X	X	X	X	X	X	X	X	X	X	X	X	
STR610														X
STR613														X