

Control & Sensing Products for HVAC-R

THERMOSTATS

SCT.2421.T.M
Touch Button Fan Coil Thermostat



SCT.2421 with 3.2" LCD screen; It is produced for fancoil units with EC fan with touch button. With its luxury design and touch keys, it is the most preferred model in the smart thermostats class, which is an integral part of our daily life. With its ergonomic design, it is suitable for offices, hotels, hospitals and public buildings. It is designed and developed for use in 2 and 4 pipe systems. It uses Modbus RTU communication as the communication protocol. Our SCT.2421 model provides 0-10V output signal to control EC fans. It provides ease of use with its clock and weekly time program. It has 24 V AC/DC energy supply and surface mounting feature.

- ❖ 3.2" Lcd Screen
- ❖ Touch Buttons
- ❖ Key Lock
- ❖ For 2- or 4-pipe fan coil units
- ❖ Manual Or Automatic Heating/Cooling Changeover
- ❖ Auto, Heat, Cool and Ventilation modes Adjustable User Parameters
- ❖ On/Off Heating/Cooling Valve Control
- ❖ Automatic Heating Or Cooling Selection
- ❖ Can be integrated into building management systems via Modbus/RTU
- ❖ Configurable user parameters
- ❖ Roll-back Air Sensor Input (Ntc 10k)
- ❖ Window Contact, (Universal Input Usable As External Sensor)
- ❖ Minimum And Maximum Set Temperature Limit
- ❖ Clock and time schedule functions Surface Mounted (Standard Ab Box) Design
- ❖ Blue Backlight Lcd Display
- ❖ Different Color Options; Black And White

Technical Property:

Electrical Data	Connection	Terminal Connector 1.5 mm ²
	Power Supply	24 V AC/DC ±10%
	Frequency	50/60 Hz
	Power Consumption	Max.3 VA
	For Battery Real Time Clock (RTC)	Lithium CR1220 3.3V
Communication	RS-485	Modbus RTU 9600 bits,8N1
Environmental Data	Operating/Storage Temperature	0... +40°C/0... +50°C (No Condensation)
	Ambient Humidity	0... 95 % RH (No Condensation)
	Height	Max. 2000m.
Outputs	Fan outputs	0-10V (Max. 5mA)
	Valve Control Output	2 Relay Outputs (Max. 2A)
Material Data	Dimension	L86xW86xH40 mm
	Weight	140 gr
Security Data	Protective Structure	IP 56
	Certification EN	EN 60529

Order Code:

SCT.2421.T.M

EC Fan Fan Coil Thermostat with Modbus Communication

