LCD Room Unit for ZoneEase Cloud VAV Controller Actuator

- **NFC interface for Smartphone Commissioning**
- **Workforce Efficiency Improvement with Cloud operation**
- **On/Off/Eco/Boost modes**
- **With additional switch-on option for occupancy contact**
- **Summer/Winter/CAV modes**

22RT-A001

Brief description

| Application | The Room Unit provide on/off control, change of modes, temperature setpoint. It displays room temperature reading / temperature setpoint and various status such as modes. It serves as an NFC interface to provide prompt access of data at an accessible level |

Technical Data

Supply

Nominal voltage	AC 24V, 50/60 Hz
Operating range	AC 19.2 … 28.8 V
Power Consumption	1W max without occupancy device. 10W max to power occupancy device
Operating Temperature/Humidity	0...50°C / 5% tp 95% non-condensing
Storage Temperature	0...60°C
Sensing element accuracy	+/-0.3 °C at 15...30°C
Operation Mode	On, Off, Eco, Boost, Anti-frost (built-in, self triggered), Occupancy (triggered by external occupancy sensor if available), Winter/Summer Mode (APP/BACnet triggered), CAV mode(APP/BACnet triggered)
Display resolution	+/-0.5 °C, 0...50°C (Display Reading/Setpoint)
Wiring terminals	6x 0.5-1.5mm sq. diameter cable

Safety

Protection class	III Safety extra-low voltage
Degree of protection	IP30
EMC	CE according to 2014/30/EU, EN60730-2-9:2010, EN60730-1:11, EN61000-6-2:05, EN61000-6-2:05, EN61000-6-3:07+A1:11, ETSI EN 301 489-1: 2011 (V1.9.2), ETSI EN 301 489-3: 2017 (V2.1.1), ETSI EN 300 330: (V2.1.1)
Mode of operation	Type 1 (in acc. with EN 60730-1)
Rated impulse voltage	0.8 kV (in accordance with EN 60730-1)
Control pollution degree	2 (in accordance with EN 60730-1)
Dimension (W x H X D)	85.4 x 84.4 x 15