

## 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.<br>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     | IP20   |
| EMC                      | CE according to 89/336/EEC, EN60730-1:2000 + A2:2008, EN60730-2-14:1997 + A2:2008<br>EN61000-6-2:05 and EN61000-6-3:07 + A1:11, EN60730-2-9:2010 |
| 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   |