

## Datasheet FUFC 225-0000

Articlenumber: SN090197

Room temperature sensor, NTC2K25, flush-mounted, cover 50x50mm, pure white glossy

Flush-mounted room temperature sensor with internal sensor for temperature measurement in residential and commercial premises. The room temperature sensor with 50 x 50 mm cover can be integrated into almost all switch ranges using an intermediate frame.



|                                    |                                          |
|------------------------------------|------------------------------------------|
| Active temperature measurement     | No                                       |
| Ambient temperature                | ?10 ... 50 °C                            |
| Bearing temperature                | -20 ... 70 °C                            |
| Colour                             | Pure white                               |
| Connection cross-section           | 0,5 – 1,5 mm <sup>2</sup>                |
| Cover fastening                    | Screw fastening                          |
| Design                             | Berlin UP                                |
| Dimensions (W x H x D)             | 71 mm x 71 mm x 43,5 mm                  |
| Electric connection                | Screw terminals                          |
| Housing material                   | Plastic PC                               |
| Max. air humidity (non-condensing) | 95 % r.H.                                |
| Max. Measuring current             | < 1 mA                                   |
| Medium                             | Air                                      |
| Montage/Befestigung                | Flush mounting (deep socket recommended) |
| Passive temperature measurement    | Yes                                      |
| Protection class                   | III                                      |
| RAL colour number (similar)        | 9010                                     |
| Safety and EMC                     | In accordance with DIN EN 60730          |

|                                    |                     |
|------------------------------------|---------------------|
| Sensor element                     | NTC internal        |
| Sensor element inside the housing  | Yes                 |
| Sensor element outside the housing | No                  |
| Sensor type                        | NTC 2K25 (Sensor 0) |
| Surface finish                     | Gloss               |
| Version of sensor                  | Room sensor         |
| With explosion protection          | No                  |
| With housing                       | Yes                 |
| With supply line                   | No                  |

