

# Product data sheet

## KNX room controller LS TOUCH



### Reference number

LC 459 D 1S 224

### KNX room controller LS TOUCH

with integrated 1-gang frame LS 990  
Only install as a single device, not suitable for combinations!

### Intended use

- Operation of loads (light switching, dimming, controlling blinds and shutters etc.)
- Visualisation of system statuses and information (e.g. temperature and brightness)
- Measurement and feedback control of the room temperature
- Installation in flush box with dimensions according to DIN 49073

### Product characteristics

- High resolution IPS colour display
- Capacitive touchscreen
- Function of favourites page adjustable (without ETS)
- Max. 32 operating functions switching, dimming, controlling blinds, value transmitters, calling up light scenes, etc.
- Integrated room temperature sensor
- Room temperature control with setpoint specification
- Control of split units (only with update, available since July 2024)
- Alarm function (optical and/or acoustic)
- Max. 8 timer functions can be activated and set (depending on time, astronomical clock or random)
- Integrated proximity and brightness sensor
- Integrated bus coupling unit
- Connection of installation buttons or reed contacts possible
- Commissioning and support of KNX Data Secure with ETS from version 5.7.4
- Can be updated
- Display of room temperature and setpoint temperature
- External temperature sensor (ref.-no.: FF NTC) can be connected
- Display of outdoor temperature – with external sensor, e.g. weather station
- In combination with JUNG Smart Visu Server: music play control and volume control

### Technical data

|                                               |                          |
|-----------------------------------------------|--------------------------|
| Screen diagonal:                              | 86 mm / 3.4"             |
| Resolution:                                   | 320 x 310                |
| Recommended mounting height:                  | 1.5 m                    |
| <b>KNX</b>                                    |                          |
| KNX medium:                                   | TP 256                   |
| Security:                                     | X-mode                   |
| Commissioning mode:                           | S-mode                   |
| Rated voltage:                                | DC 21 ... 32 V SELV      |
| Current consumption KNX:                      | 60 mA                    |
| Connection, KNX:                              | KNX bus connection block |
| Connection cable:                             | EIB-Y (St)Y 2x2x0.8      |
| Protection class:                             | III                      |
| <b>Connecting external switching contacts</b> |                          |
| Number:                                       | max. 20                  |

|                                |                     |
|--------------------------------|---------------------|
| Connection cable:              | EIB-Y (St)Y 2x2x0.8 |
| Cable length:                  | max. 25 m           |
| Ambient conditions             |                     |
| Ambient temperature:           | -5 ... +45 °C       |
| Storage/transport temperature: | -25 ... +70 °C      |
| Relative humidity:             | 30 % ... 70 %       |



**matt lacquered**

**Colour:**  
orange

**Material:**  
thermoplastic