



TRB201



**IP20**



tebis

quicklink

**Module 1 output 16A flush mounted KNX**

**Technical properties**

**Architecture**

|            |     |
|------------|-----|
| Bus system | KNX |
|------------|-----|

**Functions**

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| ETS additional functions | ETS additional functions: +6 scenes, repeater function                                           |
| Function                 | easy additional functions: +6 scenes, repeater function ; reset function (to factory setting)    |
| Light scenes             | scene opening via KNX radio appliances ; scene saving lockable                                   |
| Quicklink functions      | quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control |

**Configuration**

|                   |   |
|-------------------|---|
| Number of modules | 0 |
|-------------------|---|

**Controls and indicators**

|                      |                                        |
|----------------------|----------------------------------------|
| Indicator lamp       | yes                                    |
| Button / push-button | with configuration and function button |

**Connectivity**

|                   |           |
|-------------------|-----------|
| Radio protocol    | KNX Radio |
| Receiver category | 2         |

**Main electrical features**

|           |          |
|-----------|----------|
| Frequency | 50/60 Hz |
|-----------|----------|

**Voltage**

|                       |         |
|-----------------------|---------|
| System supply voltage | 230V AC |
|-----------------------|---------|

**Electric current**

|                                                         |      |
|---------------------------------------------------------|------|
| Number of entry circuits                                | 0    |
| Maximum through current                                 | 16 A |
| Withstand current in AC1 for the contact path or zone 1 | 16 A |

**Dimensions**

|                     |                 |
|---------------------|-----------------|
| Dimensions (LLxwxh) | 48 x 53 x 30 mm |
| Diameter            | 53 mm           |
| Height              | 30 mm           |

**Frequency**

|                        |         |
|------------------------|---------|
| Transmission frequency | 868 MHz |
|------------------------|---------|

Radio reception frequency

868.3 MHz

### Power

|                           |         |
|---------------------------|---------|
| Power consumed            | 3 VA    |
| Total power loss under IN | 2 W     |
| Conventional transformers | 1500 VA |
| Electronic transformers   | 1500 W  |
| Radio transmission power  | < 10 mW |

### Detection

|                            |            |
|----------------------------|------------|
| Dimensions, sensor (Ø x H) | 53 x 30 mm |
|----------------------------|------------|

### Materials

|                    |      |
|--------------------|------|
| Surface appearance | matt |
|--------------------|------|

### Lighting control

|                                                  |       |
|--------------------------------------------------|-------|
| Fluorescent lamps with electronical ballast (EB) | 450 W |
| - uncompensated                                  | 800 W |

### Fluorescent bulbs control

|                                        |        |
|----------------------------------------|--------|
| Energy-saving lamps                    | 100 W  |
| Max. power fluo. duo lamp comp. series | 1008 W |
| Compact fluorescent lamps              | 100 W  |
| Fluorescent lamps parallel compensated | 250 W  |

### LED control

|     |                                                                                            |
|-----|--------------------------------------------------------------------------------------------|
| LED | with configuration and function LEDs ; with transmission status and control LED for On/Off |
|-----|--------------------------------------------------------------------------------------------|

### Incandescent bulbs control

|                                            |        |
|--------------------------------------------|--------|
| Max. power with incandescent lamps         | 2300 W |
| 230 V incandescent lamps and halogen lamps | 2300 W |

### Installation, mounting

|                   |                                               |
|-------------------|-----------------------------------------------|
| Installation mode | for installation behind flush-mounted inserts |
|-------------------|-----------------------------------------------|

### Connection

|                                           |                                                                                  |
|-------------------------------------------|----------------------------------------------------------------------------------|
| Connection cross-sect. flexible conductor | 2,5mm <sup>2</sup>                                                               |
| Connection cross-sect. rigid cable        | 2,5mm <sup>2</sup>                                                               |
| Type of contacts                          | 1NO                                                                              |
| Type of connection                        | with screw-in lift terminals                                                     |
| Bus connection                            | integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system |

### Settings

|                               |                                                                |
|-------------------------------|----------------------------------------------------------------|
| Supported configuration modes | easy, system, PB, quicklink                                    |
| Programming                   | toolless quicklink configuration using buttons and LED display |

### Scope of delivery

|                         |    |
|-------------------------|----|
| Bus connection included | No |
|-------------------------|----|

Subject to technical modifications

**Equipment**

|                           |                              |
|---------------------------|------------------------------|
| Number of outputs         | 1                            |
| Number of radio channels  | 1                            |
| Number of quicklink links | max. 20 transmitter/receiver |
| Modular expandability     | No                           |
| Transmitter duty cycle    | 1 %                          |

**Safety**

|               |     |
|---------------|-----|
| REACH conform | No  |
| RoHS conform  | Yes |
| Halogen free  | No  |

**Use conditions**

|                                          |                                  |
|------------------------------------------|----------------------------------|
| Operating temperature                    | 0...45 °C                        |
| Storage/transport temperature            | -20...70 °C                      |
| Energy-saving                            | low intrinsic energy requirement |
| Relative humidity (without condensation) | 0...65 % (without condensation)  |

**Identification**

|                    |                        |
|--------------------|------------------------|
| Application, usage | KNX radio - actuators  |
| Product family     | product family: output |
| Device family      | TR                     |
| Main design line   | Electronics platform   |