PRODUCT-DETAILS

# RT/U12.86.1-825

# RT/U12.86.1-825 RoomTouch 4"
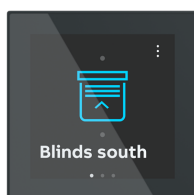


General Information

| | |
|---|---|
| Extended Product Type | RT/U12.86.1-825 |
| Product ID | 2TMA310011B0003 |
| EAN | 6955891820029 |
| Catalog Description | RT/U12.86.1-825 RoomTouch 4" |
| Long Description | Freely programmable Touch panel 1 - up to 12 fold featuring a 4-inch IPS screen with 480*480 resolution that offers home control and monitoring of the free@home, or KNX system. Control, observe and manage your entire installation on one device: Switching - Dimming - Slider - Blind - RGBW control element - Step switch - Scene switch - Display element - Audio control element. With scene function, logic functions, presence simulation and time programs.<br><br>KNX and free@home functions:<br>- A total 12 control elements are displayed on a maximum of 12 pages.<br>- 12 fault and alarm messages<br>- 10 logic functions<br>- 10 weekly timers<br>- 10 scene actuators<br>- 1 Integrated temperature controller (RTC)<br>- Page display with a maximum of 4 touch surfaces on one page<br>- Primary function 12 fault and alarm messages<br>- Integrated temperature sensor.<br>- Haptic feedback<br>- proximity sensor<br>- brightness sensor<br>- 1 binary input or external temperature sensor input (PT1000 / 6226/T).<br><br>External power supply needed: 20-32 VDC (SELV)<br>Number of bus subscribers: 1<br>Optional Removal protection: TZE/U.0.xx.CK<br><br>Display size: 10,16cm (4")<br>Display resolution: 480*480<br>Display screen: IPS display<br>Dimensions (L x W x D): (86mm x 86mm x 11mm)<br>Display surface: glass black (-825)<br>Frame color: black matt (-885)<br><br>Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%. |

## Installation

| | |
|---|---|
| Mounting Type | Flush Mounted |
| Mounting Position | Wall |

## Circular Value

| | |
|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 47.6 % |
| Sustainable Material Content in Packaging | Recycled Cardboard - 98 % |
| Offered with Extended Lifetime | Product Upgradability |
| Offered with Takeback Services | Take Back for Recycling |

## Eco Transparency

| | |
|---|---|
| Environmental Product Declaration - EPD | 9AKK108468A8141 |

## Technical

| | |
|---|---|
| Number of Outputs | 1 |
| Compatible Bus Systems | KNX (TP)<br>free@home (TP) |

2024/04/12                   Subject to change without notice

| Product Range | free@home KNX |
|---|---|
| Display Type | TFT Touch Display |
| Manual Operation | Yes |
| Number of Batteries | 0 |

## Electrical

| Rated Voltage ($U_r$) | 20 ... 32 V |
|---|---|
| Auxiliary Voltage AC/DC | 24 V DC |

## Design

| Housing Material | Plastic |
|---|---|
| Material | Glass Thermoplastic |
| Color | glass black |

## Material Compliance

| RoHS Information | 2CKA200000E7792 |
|---|---|
| RoHS Status | Following EU Directive 2011/65/EU |
| REACH Declaration | 2CKA309999E9999 |
| REACH Information | False - does not contains substances > 0.1 mass percentage |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

## Environmental

| Ambient Air Temperature | Operation 0 ... +45 °C |
|---|---|
| Degree of Protection | IP20 |

## Dimensions

| Product Net Width | 42 mm |
|---|---|
| Product Net Height | 86 mm |
| Product Net Depth / Length | 86 mm |
| Product Net Weight | 127 g |
| Built-In Depth ($t_2$) | 32 mm |
| Screen Size | 4 in |

## Certificates and Declarations

| Declaration of Conformity - CE | 2CKA100000E4769 |
|---|---|

## Classifications

| ETIM 9 | EC000783 - Signalling and operation panel for bus system |
|---|---|
| eClass | V11.0 : 27143101 |
| UNSPSC | 39121801 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|---|---|---|---|---|
| 2CKA006300A1611 | Visualisation, Display and Signalling | TZW/U.0.1.CK | 1 | piece |
| 2CKA006300A1633 | Visualisation, Display and Signalling | TZE/U.0.1.CK | 1 | piece |
| 2CDG120037R0011 | CP-D24/2.5 priOn Power Supply, 24 V DC, 2.5 A, MDRC | CP-D24/2.5 | 1 | piece |

## Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → free@home → Visualisation, Display and Signalling → Touch Panels

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