

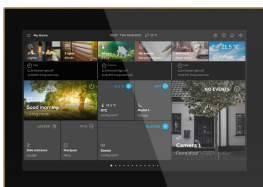


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PRODUCT-DETAILS

# ST/U10.3.1-825

## ST/U10.3.1-825 SmartTouch 10 B/satin gold



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### General Information

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|                       |  |
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| Extended Product Type | ST/U10.3.1-825   |
| Product ID            | 2TMA310051B0003  |
| EAN                   | 6955891819481  |
| Catalog Description   | ST/U10.3.1-825 SmartTouch 10 B/satin gold  |
| Long Description      | <p>Freely programmable Touch panel featuring a 10-inch IPS screen with 1280*800 resolution that combines smart home automation and door communication in one device for residential applications, hotels, and commercial buildings. SmartTouch 10 offers home control and monitoring of the free@home, or KNX system and the fully integrated functions of ABB Welcome®.</p> <p>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. SmartTouch® 10" can also be used as an end device for communication with the ABB-Welcome outdoor stations, and as part of the ABB-Welcome door communication system.</p> <p>Functions</p> <p>KNX:</p> <ul style="list-style-type: none"><li>- A total of 450 control elements are displayed on a maximum of 25 pages.<ul style="list-style-type: none"><li>- 80 fault and alarm messages</li><li>- 30 logic functions</li><li>- 40 timers</li></ul></li><li>- presence simulation for 20 participants</li><li>- 10 scene actuators</li><li>- 3 object RTC</li></ul> <p>- Equipped with a hearing loop for coupling the audio signal into hearing aids</p> <ul style="list-style-type: none"><li>- Page display with a maximum of 18 touch surfaces on one page</li></ul> <p>free@home:</p> <ul style="list-style-type: none"><li>- Twisted pair connection provides a single page with a maximum of 18 controls.</li></ul> <p>- Alternatively, for additional control, connection via wi-fi delivers the same amount of control and features as the free@home App.</p> <p>Welcome:</p> <ul style="list-style-type: none"><li>- Integrated IP Gateway</li><li>- Possibility to integrate ONVIF IP cameras</li></ul> <p>External power supply: 20-32 VDC (SELV) or via the ABB-Welcome system controller (Consumer units: 14).</p> <p>Display size: 25,4cm (10"): Display resolution: 1280*800 : Display screen: IPS display<br/>Dimensions (L x W x D): (180.2mm x 254.6mm x 17.5mm)<br/>Flush or wall mounted, mount for desktop installation</p> <p>The flat design slim real metal frame sits almost flush with the wall (14mm) and is available in 4 colours (stainless steel, anthracite, gold and rose gold) and black or white glass.</p> |

|                                   |                 |
|-----------------------------------|-----------------|
| Installation                      |                 |
| Instructions and Manuals          | 2CKA001473B5343 |
| Instructions and Manuals (Part 2) | 2CKA001373B5343 |
| Mounting Type                     | Flush Mounted   |
| Mounting Position                 | horizontal      |

|  |   |
|--|---|
| Circular Value                                   |   |
| Circular Design Principles<br>Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 38.8 % |
| Sustainable Material<br>Content in Packaging     | Recycled Cardboard - 93 %                                     |
| Offered with Extended<br>Lifetime                | Product Upgradability   |
| Offered with Takeback<br>Services                | Take Back for Recycling                                       |

|  |                 |
|--|-----------------|
| Eco Transparency                           |                 |
| Environmental Product<br>Declaration - EPD | 9AKK108469A0173 |

|                                   |   |
|-----------------------------------|---|
| <b>Technical</b>                  |   |
| Data Sheet, Technical Information | 2CKA001373B5351   |
| Communication Interface           | LAN   |
| Compatible Bus Systems            | free@home wireless<br>KNX (TP)<br>Welcome<br>free@home (TP) |
| Product Range                     | free@home<br>KNX  |
| Display Type                      | TFT Touch Display   |
| Manual Operation                  | Yes   |

|                         |             |
|-------------------------|-------------|
| <b>Electrical</b>       |             |
| Rated Voltage ( $U_r$ ) | 20 ... 32 V |
| Auxiliary Voltage AC/DC | 24 V DC     |
| Rated Current ( $I_n$ ) | 0.5 A       |

|                  |   |
|------------------|---|
| <b>Design</b>    |   |
| Housing Material | Plastic                                   |
| Material         | Glass<br>Stainless steel<br>Thermoplastic |
| Color            | gold                                      |

|   |  |
|---|--|
| <b>Material Compliance</b>                  |  |
| RoHS Information                            | 2CKA200000E7720  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| REACH Declaration                           | No declaration needed  |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363  |

|                         |                        |
|-------------------------|------------------------|
| <b>Environmental</b>    |                        |
| Ambient Air Temperature | Operation 0 ... +45 °C |
| Degree of Protection    | IP20                   |

|                            |          |
|----------------------------|----------|
| <b>Dimensions</b>          |          |
| Product Net Width          | 180.2 mm |
| Product Net Height         | 17.5 mm  |
| Product Net Depth / Length | 254.6 mm |
| Product Net Weight         | 953 g    |
| Screen Size                | 10 in    |

|                                      |                 |
|--------------------------------------|-----------------|
| <b>Certificates and Declarations</b> |                 |
| Declaration of Conformity - CE       | 2CKA100000E4597 |

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) |
| WEEE B2C / B2B | Business To Consumer                                       |

Accessories

| Identifier      | Description   | Type           | Quantity | Unit Of Measure |
|-----------------|---|----------------|----------|-----------------|
| 2TMA310161B0001 | ST/A10.1-825 SmartTouch 10 SM Frame B               | ST/A10.1-825   | 1        | piece           |
| 2CKA006136A0212 | 6136/07 UP-500 Mounting box FM                      | 6136/07 UP-500 | 1        | piece           |
| 2CDG120037R0011 | CP-D24/2.5 priOn Power Supply, 24 V DC, 2.5 A, MDRC | CP-D24/2.5     | 1        | piece           |
| 2CKA008300A0478 | 83506-500 Desktop stand                             | 83506-500      | 1        | piece           |

Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → Door Entry & Access Control Systems → Welcome → Indoor Stations

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

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

