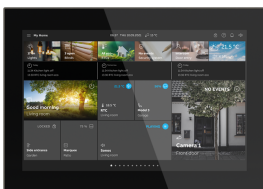


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PRODUCT-DETAILS

# ST/U10.2.1-825

## ST/U10.2.1-825 SmartTouch 10 B/graphite



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General Information

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Extended Product Type	ST/U10.2.1-825
Product ID	2TMA310051B0002
EAN	6955891819467
Catalog Description	ST/U10.2.1-825 SmartTouch 10 B/graphite

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@.

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.

Functions  
KNX:

- A total of 450 control elements are displayed on a maximum of 25 pages.
  - 80 fault and alarm messages
  - 30 logic functions
  - 40 timers
- presence simulation for 20 participants
  - 10 scene actuators
  - 3 object RTC

Equipped with a hearing loop for coupling the audio signal into hearing aids

- Page display with a maximum of 18 touch surfaces on one page

free@home:

- Twisted pair connection provides a single page with a maximum of 18 controls.

Alternatively, for additional control, connection via wi-fi delivers the same amount of control and features as the free@home App.

Welcome:

- Integrated IP Gateway
- Possibility to integrate ONVIF IP cameras

External power supply: 20-32 VDC (SELV) or via the ABB-Welcome system controller.

Display size: 25,4cm (10") : Display resolution: 1280\*800 : Display screen: IPS display  
Dimensions (L x W x D): (180.2mm x 254.6mm x 17.5mm)  
Flush or wall mounted, mount for desktop installation  
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.

## Installation

Instructions and Manuals	2CKA001473B5343
Instructions and Manuals (Part 2)	2CKA001373B5343

## Circular Value

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

## Eco Transparency

Environmental Product Declaration - EPD	9AKK108469A0173
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**Technical**


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Data Sheet, Technical Information	2CKA001373B5351
Rated Voltage ( $U_r$ )	20 ... 32 V
Auxiliary Voltage AC/DC	24 V DC
Communication Interface	LAN
Compatible Bus Systems	free@home wireless KNX (TP) Welcome free@home (TP)
Product Range	free@home KNX
Display Type	TFT Touch Display
Mounting Type	Flush Mounted
Housing Material	Plastic
Material	Glass Plastic Stainless steel
Manual Operation	Yes
Mounting Position	horizontal
Color	graphite
Number of Batteries	0
Screen Size	10 in
Application Function	Blind / Shutter / Shading Control Electrical Load and Light Control Data Communication / Multimedia Room Climate Control Safety and Security

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**Environmental**


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Ambient Air Temperature	Operation 0 ... +45 °C
Degree of Protection	IP20
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	2CKA200000E7718
REACH Declaration	No declaration needed
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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**Dimensions**


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Product Net Width	180.2 mm
Product Net Height	17.5 mm
Product Net Depth / Length	254.6 mm
Product Net Weight	953 g

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**Certificates and Declarations**


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Declaration of Conformity - CE	2CKA100000E4596
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## Classifications

ETIM 8	EC000783 - Signalling and operation panel for bus system
ETIM 9	EC000783 - Signalling and operation panel for bus system
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8517 79 00
eClass	V11.0 : 27143101

## 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

