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PRODUCT-DETAILS

# ST/U10.2.1-811

## ST/U10.2.1-811 SmartTouch 10 W/graphite



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General Information

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Extended Product Type	ST/U10.2.1-811
Product ID	2TMA310051W0002
EAN	6955891819450
Catalog Description	ST/U10.2.1-811 SmartTouch 10 W/graphite
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 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 <ul style="list-style-type: none"> <li>• 10 scene actuators</li> <li>• 3 object RTC</li> </ul> </li> </ul> <p>• Equipped with a hearing loop for coupling the audio signal into hearing aids <ul style="list-style-type: none"> <li>• Page display with a maximum of 18 touch surfaces on one page</li> </ul> </p> <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.</p> <p>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.</p>

## Installation

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

## Technical

Data Sheet, Technical Information	2CKA001373B5351
Suitable For	2CKA006136A0212 2TMA310161W0001
Rated Voltage (U <sub>r</sub> )	20 ... 32 V
Auxiliary Voltage AC/DC	24 V DC
Communication Interface	LAN
Compatible Bus Systems	free@home wireless KNX (TP) Welcome free@home
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
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

## Environmental

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	2CKA200000E7717
REACH Declaration	2TMD081215X2204

## Dimensions

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

## Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	1.17 kg
Customs Tariff Number	85177900
E-Number (Finland)	2818969
E-Number (Sweden)	1740187
E-Number (Switzerland)	305510245
Country of Origin	China (CN)

## Certificates and Declarations

Declaration of Conformity - CE	2CKA100000E4600
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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
2TMA310161W0001	ST/A10.1-811 SmartTouch 10 SM Frame W	ST/A10.1-811	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

### Categories

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

