



PRODUCT-DETAILS

ST/U10.1.1-811

Touch panel, Wi-Fi, glass white / stainless steel



General Information

Extended Product Type	ST/U10.1.1-811
Product ID	2TMA310051W0001
EAN	6955891819436
Catalog Description	Touch panel, Wi-Fi, glass white / stainless steel
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"> - A total of 450 control elements are displayed on a maximum of 25 pages. <ul style="list-style-type: none"> - 80 fault and alarm messages - 30 logic functions - 40 timers - presence simulation for 20 participants - 10 scene actuators - 3 object RTC <p>- Equipped with a hearing loop for coupling the audio signal into hearing aids</p> <ul style="list-style-type: none"> - Page display with a maximum of 18 touch surfaces on one page <p>free@home:</p> <ul style="list-style-type: none"> - 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. <p>Welcome:</p> <ul style="list-style-type: none"> - Integrated IP Gateway - Possibility to integrate ONVIF IP cameras <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 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
Mounting Type	Flush Mounted Surface Mounted
Mounting Position	horizontal
Mounting Height	Optimum 1.5 m
Modular Components Included	Complete Device

Environmental

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

IP20

Technical

Data Sheet, Technical Information	2CKA001373B5351
Communication Interface	Wi-Fi
Compatible Bus Systems	free@home (TP) KNX (TP)
Product Range	free@home KNX Welcome
Transmission Standard	2-Wire Twisted Pair Wiring Wireless LAN
Display Type	TFT Touch
Manual Operation	Yes
Terminal Type	Screw Terminals, Pluggable

Electrical

Rated Voltage (U_r)	20 ... 32 V
Auxiliary Voltage AC/DC	24 V DC
Rated Current (I_n)	0.5 A

Design

Housing Material	Aluminium
Material	Thermoplastic Aluminium Glass
Color	glass white / stainless steel

Dimensions

Product Net Width	254.6 mm
Product Net Height	180.2 mm
Product Net Depth / Length	17.5 mm
Product Net Weight	793 g
Screen Size	10 in

Engineering

Building Information Modeling – BIM	9AKK108470A2880
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Ordering

E-Number (Finland)	2818967
E-Number (Norway)	4544059
E-Number (Sweden)	1740185

E-Number (Switzerland)

305510145

ABB EcoSolutions

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Yes

Circular Value

Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 38.8 %
Sustainable Material Content in Packaging (wt. %)	Recycled Cardboard - 93 %
Extended Product Lifetime	Product Upgradability
Offered with Takeback Services	Take Back for Recycling
Environmental Product Declaration - EPD	9AKK108469A0173

Material Compliance

RoHS Declaration	2CKA200000E7715
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2CKA309999E9999
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20250218
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	2. Screens, Monitors, and Equipment Containing Screens Having a Surface Greater Than 100 cm²
WEEE B2C / B2B	Business To Consumer

Certificates and Declarations

Cyber Security Software Support Period	2 year
Declaration of Conformity - CE	2CKA100000E4599
EU Data Act Applicability and Compliance	2025 Applicable - Compliant
EU Data Act Compliance Declaration	9AKK108471A4300

External Classifications and Standards

ETIM 9	EC000783 - Signalling and operation panel for bus system
ETIM 10	EC000783 - Signalling and operation panel for bus system
eClass	V11.0 : 27143101
UNSPSC	39121801

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2TMA310161W0001	SmartTouch 10 SM Frame W	ST/A10.1-811	1	piece
2CKA006136A0212	Mounting box FM	6136/07 UP-500	1	piece
2CDG120037R0011	CP-D24/2.5 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 → Indoor Stations

Low Voltage Products and Systems → Building and Home Automation Solutions → free@home → Touch Panels → Touch Panels

Low Voltage Products and Systems → Building and Home Automation Solutions → free@home → User Operation → Thermostats

Low Voltage Products and Systems → Building and Home Automation Solutions → free@home → User Operation → Touch Panels

Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → User Operation → Control Elements → Touch Panels

Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → User Operation → Thermostats

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

