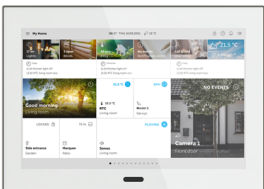




PRODUCT-DETAILS

ST/U10.2.1-811

Touch panel, Wi-Fi, glass white / graphit



General Information

Extended Product Type	ST/U10.2.1-811
Product ID	2TMA310051W0002
EAN	6955891819450
Catalog Description	Touch panel, Wi-Fi, glass white / graphit
Long Description	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
Long Description	- 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 (Consumer units: 14).
	Display size: 25,4cm (10"): Display resolution: 1280*800 : Display screen: IPS display
Long Description	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
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	Stainless steel
Material	Thermoplastic Glass Stainless steel
Color	glass white / graphit

Dimensions

Product Net Width	254.6 mm
Product Net Height	180.2 mm
Product Net Depth / Length	17.5 mm
Product Net Weight	953 g
Screen Size	10 in

Engineering

Building Information Modeling – BIM	9AKK108470A2880
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Ordering

E-Number (Finland)	2818969
E-Number (Norway)	4544061
E-Number (Sweden)	1740187

E-Number (Switzerland)

305510245

ABB EcoSolutions

ABB EcoSolutions

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	2CKA200000E7717
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Information	No data - If REACH inform is not yet available for a certain product
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	2CKA100000E4600
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

