

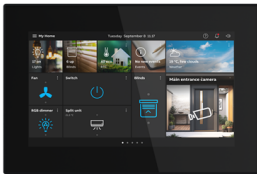


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PRODUCT-DETAILS

# M2249-2B

## OneTouch 7, LAN + Wi-Fi, black



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### General Information

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Extended Product Type	M2249-2B
Product ID	2TMA320051B0001
EAN	6955891822702
Catalog Description	OneTouch 7, LAN + Wi-Fi, black

Central Control Panel for ABB-Welcome® (2-Wire) and ABB-free@home

Control, monitor, and manage your entire system with one device: switching, dimming, sliders, blinds, RGBW control, step switch, scene switch, display element, and audio control.

**Free@home Functions:**

Integrated System Access Point for a purely free@home wireless system.  
 Allows commissioning and remote control of a ABB-free@home® wireless system.  
 Supports up to 150 free@home wireless devices.  
 Comes with an integrated free@home wireless antenna.  
 Free@home commissioning is done via a web interface or app.  
 No additional commissioning software is required.  
 Easy free@home commissioning through Wi-Fi ad hoc mode.  
 Connects to the home network via Wi-Fi client mode or using a CAT cable (LAN adapter 5249C needed).  
 More information on free@home commissioning and operation can be found in the system manual and online user guide.  
 Can also be used as a standalone free@home panel in combination with an external System Access Point.  
 The integrated System Access Point is not used when paired with an external System Access Point.  
 Comes with an integrated room temperature controller and temperature sensor.

**Welcome Functions:**

Displays the video feed from the outdoor station.  
 During conversations, a photo of the visitor can be captured and stored in memory.  
 Three photos of the visitor are automatically stored in memory when door calls occur in your absence.  
 Different ringtones can be set for door and floor calls, with five polyphonic tones available.  
 Adjustable ringtone volume.  
 Equipped with a hearing loop to feed the audio signal into hearing aids.  
 Features a hands-free function with adjustable volume.  
 Allows integration of ONVIF IP cameras.  
 For integration into the myBuildingPortal.

**App integration:**

Enables the integration of a tablet or smartphone with installed OneApp/free@home next APP or Welcome App as a mobile indoor station for audio and video communication.  
 Enables the integration of tablet or smartphone with installed OneApp/free@home next APP for remote control of the free@home wireless system

**Power Supply:**

Via Busch-Welcome 2-wire bus  
 Alternatively, Power-over-Ethernet (PoE IEEE 802.3) or external power supply 20-32 VDC (SELV).  
 Rated current: 400mA (24V DC).

**Technical Details:**

Screen size: 7"  
 Display resolution: 1024x600  
 Screen: IPS  
 Dimensions (L x W x D): 128mm x 192mm x 17.5mm  
 For flush mounting with 42491F  
 For surface mounting with 42491S-x  
 For Desktop mounting with 83506

Long Description

**Installation**

Instructions and Manuals	2TMU230000M0022
Mounting Type	Flush Mounted Surface Mounted

**Environmental**

Ambient Air Temperature	Operation 0 ... +45 °C Storage -25 ... +70 °C
Degree of Protection	IP30

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## Technical

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Data Sheet, Technical Information	2TMU230000M0021
Communication Interface	LAN + Wi-Fi
Compatible Bus Systems	free@home wireless
Product Range	Welcome free@home Wireless free@home
Transmission Standard	2-Wire Wireless Ethernet Wireless LAN
Connection Type	RJ45
Display Type	IPS Touch Display
Terminal Type	Screw Terminals, Pluggable

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## Design

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RAL Number	Similar to RAL 9004
Color	black

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## Dimensions

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Product Net Width	192 mm
Product Net Height	128 mm
Product Net Depth / Length	17.2 mm
Product Net Weight	379 g
Screen Size	7 in

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## Ordering

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E-Number (Finland)	2815946
E-Number (Norway)	6307486

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## Circular Value

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Environmental Product Declaration - EPD	9AKK108470A8529
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## Material Compliance

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RoHS Information	2TMD081215X2402
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2TMD081215X2402
REACH Information	False - does not contain substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	2. Screens, Monitors, and Equipment Containing Screens Having a Surface Greater Than 100 cm <sup>2</sup>
WEEE B2C / B2B	Business To Consumer

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## Certificates and Declarations

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Cyber Security Software	2 year
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Support Period

Declaration of Conformity  
- CE

2TMD081313X0189

### External Classifications and Standards

ETIM 9

EC000779 - Indoor station door communication

### Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2TMA320161W0001	Surface-mounted box, white	42491S-W	1	piece
2TMA320161B0001	Surface-mounted box, black	42491S-B	1	piece
2TMA320161B0002	Flush-mounted box, black	42491F	1	piece
2TMA320161W0002	LAN adapter	5249C	1	

### 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 → System Infrastructure and Interfacing → System Access Points

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

