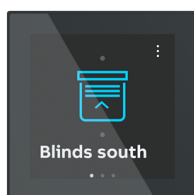




PRODUCT-DETAILS

RT/U12.86.1-825

RoomTouch 4"



General Information

Extended Product Type	RT/U12.86.1-825
Product ID	2TMA310011B0003
EAN	6955891820029
Catalog Description	RoomTouch 4"
Long Description	Freely programmable Touch panel 1 – up to 12 fold featuring a 4-inch IPS screen with 480*480 resolution that offers home control and monitoring of the free@home, or KNX system. 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. KNX and free@home functions: - A total 12 control elements are displayed on a maximum of 12 pages. - 12 fault and alarm messages - 10 logic functions - 10 weekly timers - 10 scene actuators - 1 Integrated temperature controller (RTC) - Page display with a maximum of 4 touch surfaces on one page - Primary function 12 fault and alarm messages - Integrated temperature sensor. - Haptic feedback - proximity sensor - brightness sensor - 1 binary input or external temperature sensor input (PT1000 / 6226/T). - KNX Data Secure compatible External power supply needed: 20-32 VDC (SELV) Number of bus subscribers: 1 Optional Removal protection: TZE/U.0.xx.CK Display size: 10,16cm (4") Display resolution: 480*480 Display screen: IPS display Dimensions (L x W x D): (86mm x 86mm x 11mm) Display surface: glass black (-825) Frame color: black matt (-885) Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.
Security Standard	KNX Data Secure

Installation	
Mounting Type	Flush Mounted
Mounting Position	Wall
Modular Components Included	Complete Device

Environmental	
Ambient Air Temperature	Operation 0 ... +45 °C
Degree of Protection	IP20

Technical	
Data Sheet, Technical Information	No document needed
Number of Outputs	1
Compatible Bus Systems	KNX (TP)

	free@home (TP)
Product Range	KNX free@home
Transmission Standard	Twisted Pair Wiring
Display Type	TFT Touch Display
Manual Operation	Yes
Terminal Type	Bus Connection
Security Standard	KNX Data Secure

Electrical

Rated Voltage (U _r)	20 ... 32 V
Auxiliary Voltage AC/DC	24 V DC

Design

Design Range	RoomTouch
Housing Material	Plastic
Material	Glass Thermoplastic
Color	glass black

Dimensions

Product Net Width	86 mm
Product Net Height	86 mm
Product Net Depth / Length	42 mm
Product Net Weight	127 g
Built-In Depth (t ₂)	32 mm
Screen Size	4 in

Ordering

E-Number (Finland)	2815893
E-Number (Norway)	4545322
E-Number (Sweden)	1740313

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 47.6 %
Sustainable Material Content in Packaging (wt. %)	Recycled Cardboard - 98 %
Extended Product Lifetime	Product Upgradability
Offered with Takeback Services	Take Back for Recycling

Material Compliance				
RoHS Information	2CKA200000E7792			
RoHS Status	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	5. Small Equipment (No External Dimension More Than 50 cm)			
WEEE B2C / B2B	Business To Consumer			

Certificates and Declarations	
Cyber Security Software Support Period	2 year
Declaration of Conformity - CE	2CKA100000E4769

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

Accessories				
Identifier	Description	Type	Quantity	Unit Of Measure
2CKA006300A1611	Anti-Theft Protection tool - RoomTouch TZW/U.0.1.CK		1	piece
2CKA006300A1633	Anti-Theft Protection - RoomTouch TZE/U.0.1.CK		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 → 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

