ABB

RT/U30.0.1-811

RoomTouch 5 -811

General Information

Extended Product Type	RT/U30.0.1-811
Product ID	2TMA200050W0007
EAN	6955891816183
Catalog Description	RoomTouch 5 -811
Long Description	Multifunctional HD IPS KNX touchdisplay as a room control element for visualisation and control of all functions in a KNX system. For the display and intuitive control of the following standard KNX functions: Switching, rocker switch, dimming (4-bit and 8-bit), slider, blind, RGBW control element, room temperature control element, Split Unit control element, step switch, scene switch, display element or audio control element. Additional functions: 20 fault and alarm messages, 10 logic functions, 10 timers each with 6 switching times, 4 scene actuators, 1 room temperature controller and individual pages can be protected with a PIN code. Status display, display of date and time, as well as inside and outside temperature. Installed temperature sensor, proximity sensor and brightness sensor. With a push-button/switch input and external temperature sensor input. Page display with a maximum of 30 touch surfaces on 6 or 10 pages (dependent on the mounting method). Viewing angle display: 160° - 160°. Mounting via a separate flush-mounted box. External power supply: 20-32 VDC (SELV).

Installation

Instructions and	2TMU190000M0049

Manuals

Mounting Type	Flush Mounted
Mounting Position	Wall
Mounting Height	Optimum 1.5 m
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 Digital Inputs	1
Number of Inputs	1
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Transmission Standard	Twisted Pair Wiring
Display Type	TFT Touch
Manual Operation	Yes
Terminal Type	Bus Connection

Electrical

Auxiliary Voltage AC/DC	24 V DC

Design

Design Range	RoomTouch
Housing Material	Plastic
Material	Aluminium Glass Thermoplastic
RAL Number	Similar to RAL 9016
Color	glass white / stainless steel

Dimensions

Product Net Width	79 mm
Product Net Height	143 mm
Product Net Depth / Length	39 mm
Product Net Weight	367 g
Built-In Depth (t_2)	28 mm
Screen Size	5 in

Engineering

EPLAN Data	9AKK108464A1352
Building Information Modeling – BIM	9AKK107991A5680

Ordering

E-Number (Finland)	2815629
E-Number (Norway)	4545319
E-Number (Sweden)	1739959

Material Compliance

RoHS Declaration	2CKA200000E7196
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	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Certificates and Declarations

Declaration of Conformity - CE	9AKK107680A8246
EU Data Act Applicability and Compliance	Applicable - Compliant
EU Data Act Compliance Declaration	9AKK108470A9399

External Classifications and Standards

ETIM 9	EC001585 - Multi operating device for bus system
ETIM 10	EC001585 - Multi operating device for bus system
eClass	V11.0 : 27143101
UNSPSC	39121801

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CKA006300A1611	Removal Protection - RoomTouch	TZW/U.0.1.CK	1	piece
2CKA006220A0721	Temperature Sensor	DP4-T-1	1	piece
2CDG120037R0011	CP-D24/2.5 Power Supply, 24 V DC, 2.5 A, MDRC	CP-D24/2.5	1	piece
2TMA200160B0003	Mounting box 5Inch FM	BOX/U5.1	1	piece

Categories

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