



PRODUCT-DETAILS

SD/U12.70.1-4015

SD/U12.70.1-4015 2.4" Display 70



General Information

Extended Product Type	SD/U12.70.1-4015
Product ID	2TMA310011B0004
EAN	6955891820043
Catalog Description	SD/U12.70.1-4015 2.4" Display 70

Freely programmable Touch panel 1 – up to 12 fold featuring a 2.4-inch IPS screen with 240*240 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.

The display is suitable for the design ranges:
 - Busch-art linear
 -Alba

KNX and free@home functions:

- A total 12 control elements are displayed on a maximum of 12 pages
 - 18 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 18 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

Long Description

External power supply needed: 20-32 VDC (SELV)
 Number of bus subscribers: 1
 Optional Removal protection: TZE/U.0.xx.CK

Display size: 6,10cm (2.4")
 Display resolution: 240*240
 Display screen: IPS display
 Dimensions (L x W x D): (69.5mm x 69.5mm x 32mm)
 Display surface: glass black (-825)

Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.

Installation

Mounting Type	Flush Mounted
Mounting Position	Wall

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	free@home KNX
Display Type	TFT Touch Display
Manual Operation	Yes

Electrical

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

Design

Design Range	Trevion Alba Busch-art linear ALBA Touch
Housing Material	Plastic
Material	Glass Thermoplastic
Color	glass black

Dimensions

Product Net Width	70 mm
Product Net Height	70 mm
Product Net Depth / Length	42 mm
Product Net Weight	78 g
Built-In Depth (t ₂)	32 mm
Screen Size	2.4 in

Circular Value

Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 51.9 %
Sustainable Material Content in Packaging (wt. %)	Recycled Cardboard - 98 %
Extended Product Lifetime	Product Upgradability
Offered with Takeback Services	Take Back for Recycling
Environmental Product Declaration - EPD	9AKK108468A8142

Material Compliance

RoHS Status	No declaration needed
REACH Declaration	2CKA309999E9999
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20230825
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	2CKA100000E4770

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
2CDG120037R0011	CP-D24/2.5 priOn Power Supply, 24 V DC, 2.5 A, MDRC	CP-D24/2.5	1	piece
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

Categories

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

Low Voltage Products and Systems → Building and Home Automation Solutions → free@home → User Operation → SAGA Touch → 1/12 fold

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 → KNX → User Operation → Control Elements → Touch Panels

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

