

# SD/U12.55.11-825 2.4" Display 55

new



## General Information

**Extended Product** SD/U12.55.11-825

**Type:**

**Product ID:** 2TMA310010B0001

**EAN:** 6955891819955

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 are for the ranges:

- Busch-balance® SI.

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 weeklytimers
- 10 scene actuators
- 1 Integrated temperature controller (RTC)
- Page display with a maximum of 4touch 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).



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): (55mm x 55mm x 32mm)  
Display surface: glass black (-825)

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

## Technical

**Rated Voltage ( $U_r$ ):**20 ... 32 V

**Auxiliary Voltage** 24 V DC  
**AC/DC:**

**Number of** 1  
**Outputs:**

**Compatible Bus** free@home (TP)  
**Systems:** KNX (TP)

**Product Range:** KNX  
free@home

**Design Range:** Busch-balance SI

**Display Type:** TFT Touch Display

**Mounting Type:** Flush Mounted

**Housing Material:** Plastic

**Material:** Glass  
Plastic



**Manual Operation:** Yes

**Mounting Position:** Wall mounted installation

**Color:** glass black

**Number of Batteries:** 0

**Screen Size:** 2.4 in

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## Environmental

**Ambient Air Temperature:** Operation 0 ... +45 °C

**Degree of Protection:** IP20

**RoHS Status:** Following EU Directive 2011/65/EU

**RoHS Information:** [RoHS Product Declaration.PDF \[EN\] SD/U12.55.11-825 \(2CKA200000E8325\)](#)

**Conflict Minerals Reporting Template (CMRT):** [Conflict Minerals Reporting Template \(9AKK108468A3363\)](#)

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## Dimensions

**Product Net Width:** 42 mm

**Product Net Height:** 55 mm

**Product Net Depth / Length:** 55 mm

**Product Net Weight:** 69 g



**Built-In Depth (t<sub>2</sub>):** 32 mm

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## Certificates and Declarations

**Declaration of Conformity - CE:** [EU-Declaration of conformity \(.PDF\) \[EN\] SD/U12.55.11-825 \(2CKA100000E4763\)](#)

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## Classifications

**ETIM 8:** EC000783 - Signalling and operation panel for bus system

**ETIM 9:** EC000783 - Signalling and operation panel for bus system

**WEEE Category:** 5. Small Equipment (No External Dimension More Than 50 cm)

**WEEE B2C / B2B:** Business To Consumer

**CN8:** 8537 10 91

**eClass:** V11.0 : 27143101

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