



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 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).

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%.

Circular Value

Circular Design Principles Design for Closing Resource Loops - Standard EN45555 - 51.9 %
Recyclability Rate:

Offered with Product Upgradability
Extended Lifetime:

Offered with Take Back for Recycling
Takeback
Services:

Eco Transparency

Environmental Product Declaration - EPD: [Environmental Product Declaration \(.PDF\) \[EN\] SD/U12.55\(63\)\(70\).1\(11\)-XXX \(9AKK108468A8142\)](#)

Technical

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

Auxiliary Voltage 24 V DC
AC/DC:

Number of 1
Outputs:

Compatible Bus KNX (TP)
Systems: free@home (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 Yes
Operation:

Mounting Position:Wall mounted installation

Color: glass black

Number of 0
Batteries:

Screen Size: 2.4 in

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 \(2CKA200000E8325\)](#)

REACH Declaration: [All Articles REACH EN 22-2 2CKA309999E9999 \(2CKA309999E9999\)](#)

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

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_2): 32 mm

Certificates and Declarations

Declaration of [EU-Declaration of conformity \(.PDF\) \[EN\] SD/U12.55.11-825](#)

Conformity - CE: [\(2CKA100000E4763\)](#)

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
