

Product data sheet



Smart Control KNX



Reference number

SC 1000 KNX

Smart Control KNX

including KNX module
can be extended by means of a push-button extension module, ref.-no.: 409.. TSEM

Intended use

- Operating loads and displaying the status of systems and information e.g. light switching, dimming, controlling blinds/shutters, temperature and consumption values etc.
- Operation with power supply (ref.-no.: NT 2405 VDC or NT 2415 REG VDC)
- Installation indoors in 2 flush-mounted appliance boxes according to DIN 49073

Product characteristics

- Illuminated programmable colour screen TFT, 800 x 480 pixels, 16.7 million colours, WVGA
- Vertical installation flush with the wall
- Capacitive touchscreen, operation via touch directly on the glass surface
- Integrated card reader for microSD cards (for future extensions)
- Integrated loudspeaker (for future extensions)
- External loudspeaker module connectable (accessory, for future extensions)
- Insert with KNX module
- External push-button extension module connectable (via KNX module)
- Operating functions switching, dimming, controlling blinds, valuator, calling up light scenes, etc.
- Integrated room temperature sensor
- Integrated brightness sensor
- Room temperature control with setpoint value specification
- Display of room temperature, setpoint temperature and outdoor temperature, time and weekday etc.

Accessories:

dismounting protection ref.-no.: M-DMS

Technical data

Rated voltage:	DC 24 V SELV
Current consumption:	max. 220 mA
Ambient temperature:	0 ... +35 °C
Storage/transport temperature:	-25 ... +60 °C
Relative humidity:	10 ... 90 % (no condensation)
Protection class:	III
Processor:	TI OMAP 3530
Mass storage:	256 MB Flash-EEPROM
Main memory:	256 MB RAM
Screen type:	TFT, capacitive touchscreen
Screen diagonal:	10.9 cm (4.3")
Resolution:	WVGA (800 x 480)
Colours:	16.7 million
Viewing angle:	± 80°

Connection:	screw terminals
single wire:	0.14 ... 2.5 mm ²
stranded without ferrule:	0.14 ... 1.5 mm ²
stranded with ferrule:	0.14 ... 1.5 mm ²
Internal loudspeaker	
Frequency range:	60 ... 12000 Hz
Power consumption:	max. 1 W
Loudspeaker output	
Cable length:	max. 3 m
Impedance:	4 ... 8 Ω
Power output:	max. 2 VA
Memory card:	microSD/SDHC, 2 ... 8 GB

