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PRODUCT CATALOG 2026

KNX building control

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KNX

Building Control

Smart buildings are multi-talents: they provide ideal conditions for almost all requirements, are highly energy efficient and provide huge amounts of operational data. Smart KNX devices are key to create modern, connected buildings. And they help you to reduce system complexity and create the ideal solution for perfect indoor conditions with reliable, easy-to-install products.



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6ED1055-1FB10-0BA2	LOGO! DM 16 230 R	Expansion Module LOGO! DM 16 230 R		358
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6ED1055-1MB00-0BA2	LOGO! DM8 12/24 R	Expansion Module LOGO! DM8 12/24 R		357

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6EP3321-6SB00-0AY0	LOGO!POWER 12 V/1,9 A	LOGO! Power 12 V/1.9 A		360
6EP3322-6SB00-0AY0	LOGO!POWER 12 V/4,5 A	LOGO! Power 12 V/4.5 A		361
6EP3330-6SB00-0AY0	LOGO!POWER 24 V/0,6 A	LOGO! Power 24 V/0.6 A		361
6EP3331-6SB00-0AY0	LOGO!POWER 24 V/1,3 A	LOGO! Power 24 V/1.3 A		362
6EP3332-6SB00-0AY0	LOGO!POWER 24 V/2,5 A	LOGO! Power 24 V/2.5 A		362
6EP3333-6SB00-0AY0	LOGO!POWER 24 V/4 A	LOGO! Power 24 V/4 A		363
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BPZ:OZW772.04	OZW772.04	Web server for 4 Synco devices	N5701	62
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BPZ:OZW772.250	OZW772.250	Web server for 250 Synco devices	N5701	62
BPZ:QAA2012	QAA2012	Room temperature sensor Pt1000	N1745	339
BPZ:QAA2061	QAA2061	Room temperature sensor DC 0...10 V	N1749	338
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BPZ:QAC3161	QAC3161	Outside/room temperature sensor DC 0...10 V	N1814	340
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P55695-L100-A120	CWG.L1-M	Connect Box License 1 Year M		381
P55695-L100-A130	CWG.L1-L	Connect Box License 1 Year L		381
P55695-L100-A140	CWG.L1-SAT	Connect Box License 1 Year Sat.		381
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P55695-L100-A200	CWG.L3-IOT	Connect Box License 3 Year IoT		382
P55695-L100-A210	CWG.L3-S	Connect Box License 3 Year S		382
P55695-L100-A220	CWG.L3-M	Connect Box License 3 Year M		382
P55695-L100-A230	CWG.L3-L	Connect Box License 3 Year L		382
P55695-L100-A240	CWG.L3-SAT	Connect Box License 3 Year Sat.		382
P55695-L100-A260	CWG.L3-ADD2	Connect Box License 3 Year 50 DP		382
P55695-L100-A270	CWG.L3-ADD3	Connect Box License 3 Year 1000 DP		382
P55695-L100-A300	CWG.L5-IOT	Connect Box License 5 Year IoT		382
P55695-L100-A310	CWG.L5-S	Connect Box License 5 Year S		382
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P55695-L100-A360	CWG.L5-ADD2	Connect Box License 5 Year 50 DP		382
P55695-L100-A370	CWG.L5-ADD3	Connect Box License 5 Year 1000 DP		382
P55695-L100-A400	CWG.L6-IOT	Connect Box License (on-premise) IoT	A6V13605416	383
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P55802-Y124-A452	CCA-500-SCADA	Add 500 SCADA data points		63
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P55802-Y133-A300	CCA-P2-DRIVE	Apogee P2 driver		64
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P55802-Y156-A415	CCA-100000-ELEC	Add 100'000 electrical data points		63
P55802-Y156-A434	CCA-30000-ELEC	Add 30'000 electrical data points		63
P55802-Y156-A452	CCA-500-ELEC	Add 500 electrical data points		63
P55802-Y156-A453	CCA-5000-ELEC	Add 5'000 electrical data points		63
P55802-Y157-A412	CCA-100-BA	Add 100 building automation data points		63
P55802-Y157-A452	CCA-500-BA	Add 500 building automation data points		63
P55802-Y158-A412	CCA-100-FIRE	Add 100 fire detection data points		63
P55802-Y158-A452	CCA-500-FIRE	Add 500 fire detection data points		63

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S55174-A201	STA121.65L10	Thermal Actuator AC/DC24V NC 6.5mm 1m on/off	A6V14028280	244
S55174-A202	STP321.65L10	Thermal Actuator AC230V NO 6.5mm 1m on/off		246
S55174-A203	STP121.65L10	Thermal Actuator AC/DC24V NO 6.5mm 1m on/off		246
S55174-A204	STA321.65L20	Thermal Actuator AC230V NC 6.5mm 2m on/off	A6V14028280	244
S55174-A205	STA121.65L20	Thermal Actuator AC/DC24V NC 6.5mm 2m on/off	A6V14028280	244
S55174-A206	STP321.65L20	Thermal Actuator AC230V NO 6.5mm 2m on/off		246
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S55174-A209	STA321.65H20	Thermal Actuator AC230V NC 6.5mm 2m on/off	A6V14028280	244
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S55174-A211	STA121.65/00	Thermal Actuator AC/DC24V NC 6.5mm plug on/off	A6V14028280	244
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S55174-A214	STA161.65L10	Thermal Actuator AC 24V NC 6.5mm 1m 0..10V	A6V14028280	244
S55174-A215	STP161.65L10	Thermal Actuator AC 24V NO 6.5mm 1m 0..10V		246
S55174-A216	STA162.65L10	Thermal Actuator AC/DC24V NC 6.5mm 1m 0..10V	A6V14028280	244
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S55180-A106	SSA131.00	Electromotoric actuators 100 N for valves with 1.2...6.5 mm stroke	A6V11858276	247
S55180-A107	SSA161.05	Electromotoric actuators 100 N for valves with 1.2...6.5 mm stroke	A6V11858276	247
S55180-A108	SSA161.05HF	Electromotoric actuators 100 N for valves with 1.2...6.5 mm stroke	A6V11858278	247
S55180-A109	SSA161E.05HF	Electromotoric actuators 100 N for valves with 1.2...6.5 mm stroke	A6V11858278	247
S55180-A110	SSA151.05HF	Electromotoric actuators 100 N for valves with 1.2...6.5 mm stroke	A6V11858278	247
S55180-A111	SSA118.09HKN	Electromotoric actuators 100 N for valves with 1.2...6.5 mm stroke	A6V11858280	239
S55181-A105	SSA911.02ZB	Connected Home radiator actuator, ZigBee	A6V12789814	247
S55370-C162	RMB795B-1	Central control unit for room controllers and room thermostats	N3122	256
S55499-D134	GDB181.1E/KN	VAV compact controller KNX, AC 24 V, 5 Nm, 150 s, 300 Pa	N3547	240
S55499-D135	GLB181.1E/KN	VAV compact controller KNX, AC 24 V, 10 Nm, 150 s, 300 Pa	N3547	240
S55499-D190	GDB111.1E/KN	Rotary air damper actuators 5 Nm, without spring return	A6V11566316	241
S55499-D198	GLB111.1E/KN	Rotary air damper actuators 10 Nm, without spring return	A6V11566316	241
S55499-D203	GDB111.9E/KN	Electromotoric rotary actuator KNX for control ball valves up to DN25	A6V10725318	242
S55499-D207	GLB111.9E/KN	Electromotoric rotary actuator KNX for control ball valves up to DN50	A6V10725318	243
S55499-D263	GLB181.1EMKN	VAV compact controller, AC 24 V, 10 Nm, Multipack with KNX	N3547	240
S55499-D505	GDB181.1EMKN	VAV compact controller KNX, multipack 18 pcs. incl. ASK78.12	N3547	240
S55499-D902-A518	GDB181.1E/KN-SW	VAV compact controller KNX	N3547	240
S55499-D903-A518	GLB181.1E/KN-SW	VAV compact controller KNX	N3547	240
S55624-H103	QMX3.P30	Room sensor KNX for temperature, white	N1602	229
S55624-H104	QMX3.P70	Room sensor KNX for temperature, humidity, CO2, white	N1602	233
S55624-H105	QMX3.P34	Room operator unit KNX with temperature sensor, segmented backlit display, touchkeys, white	N1602	40

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S55624-H107	QMX3.P02	Room operator unit KNX with temperature sensor, configurable touchkeys, LED display, white	N1602	38
S55624-H108	QMX3.P37	Room operator unit KNX with temperature sensor, segmented backlit display, configurable touchkeys, LED display, white	N1602	42
S55624-H110	QMX3.MP1	Basic plate for conduit and cavity wall box	N1602	47
S55624-H116	QMX3.P40	Room sensor KNX for temperature and humidity, white	N1602	231
S55624-H123	QMX3.P30-1BSC	Room sensor KNX for temperature, black	N1602	230
S55624-H124	QMX3.P40-1BSC	Room sensor KNX for temperature and humidity, black	N1602	232
S55624-H125	QMX3.P70-1BSC	Room sensor KNX for temperature, humidity, CO ₂ , black	N1602	234
S55624-H126	QMX3.P34-1BSC	Room operator unit KNX with temperature sensor, segmented backlit display, touchkeys, black	N1602	41
S55624-H127	QMX3.P74-1BSC	Room operator unit KNX with sensors for temperature, humidity, CO ₂ , segmented backlit display, touchkeys, black	N1602	47
S55624-H128	QMX3.P02-1BSC	Room operator unit KNX with temperature sensor, configurable touchkeys, LED display, black	N1602	39
S55624-H129	QMX3.P37-1BSC	Room operator unit KNX with temperature sensor, segmented backlit display, configurable touchkeys, LED display, black	N1602	43
S55624-H143	QMX3.P44	Room operator unit KNX with sensors for temperature, humidity, segmented backlit display, touchkeys, white	N1602	44
S55624-H144	QMX3.P44-1BSC	Room operator unit KNX with sensors for temperature, humidity, segmented backlit display, touchkeys, black	N1602	45
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S55720-S133	AQR2531ANW	Front module with passiv temperature measurement, LG-Ni1000	N1408	226
S55720-S136	AQR2532NNW	Front module for base modules, temperature (active)	N1411	225
S55720-S137	AQR2530NNW	Front module for base module, without sensor	N1411	225
S55720-S141	AQR2535NNW	Front module for base modules, humidity and temperature (active)	N1411	226
S55720-S142	AQR2540NF	Base module for temperature and humidity measurement, 70.8 x 70.8 mm	N1410	340
S55720-S146	AQR2547NF	Base module with integrated VOC measurement , 70.8 x 70.8 mm	N1410	349
S55720-S147	AQR2546NF	Base module with integrated CO ₂ measurement , 70.8 x 70.8 mm	N1410	348
S55720-S148	AQR2548NF	Base module with integrated CO ₂ and VOC measurement , 70.8 x 70.8 mm	N1410	349
S55720-S158	AQR2510NFW	Frame DELTA line for front module	N1410	30
S55720-S159	AQR2510NHW	Frame DELTA miro for front module	N1410	31
S55720-S161	AQR2500NF	Mounting plate EU (CEE/VDE)	N1408	37
S55720-S163	AQR2500NG	Mounting plate IT (3 modular)	N1408	37
S55720-S203	AQR2570NF	Base module for temperature and / or humidity measurement, with KNX / PL-Link, 70.8 x 70.8	N1411	227
S55720-S204	AQR2570NH	Base module for temperature and / or humidity measurement, with KNX / PL-Link, 83 x 83	N1411	227
S55720-S205	AQR2570NG	Base module for temperature and / or humidity measurement, with KNX / PL-Link, 110 x 64	N1411	227
S55720-S206	AQR2570NJ	Base module for temperature and / or humidity measurement, with KNX / PL-Link, 64 x 110	N1411	227
S55720-S207	AQR2576NF	Base module for CO ₂ measurement, with KNX / PL-Link, 70.8 x 70.8 mm	N1411	228
S55720-S208	AQR2576NH	Base module for CO ₂ measurement, with KNX / PL-Link, 83 x 83 mm	N1411	228
S55720-S209	AQR2576NG	Base module for CO ₂ measurement, with KNX / PL-Link, 110 x 64 mm	N1411	228
S55720-S210	AQR2576NJ	Base module for CO ₂ measurement, with KNX / PL-Link, 64 x 110 mm	N1411	228
S55720-S219	AQR2535NNWQ	Front module for base module, humidity and temperature, with LED	N1411	226
S55720-S453	QPA1004	Room air quality sensor CO ₂	A6V101099173	344
S55720-S454	QPA1064	Room air quality sensor CO ₂ / temperature	A6V101099173	344
S55720-S457	QSA2700	Fine dust sensor, 0-10V & Modbus	A6V11160938	347
S55720-S458	QSA2700D	Fine dust sensor +display, 0-10V, Modbus	A6V11160938	347
S55720-S550	QAA2890/WI	Wireless room sensor, KNX IoT/Thread, Temperature	A6V12871702	337

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S55720-S551	QFA2890/WI	Wireless room sensor, KNX IoT/Thread, Temperature & Humidity	A6V12871702	341
S55720-S552	QPA2892/WI	Wireless room sensor, KNX IoT/Thread, Temperature, Humidity & CO2	A6V12871702	345
S55720-S572	QNA2700D.BA1	IAQ multi-sensor BACnet IP, RESET Certified	A6V13589454	384
S55720-S573	QNA2700D.BA2	IAQ multi-sensor BACnet MSTP, RESET Certified	A6V13589454	384
S55720-S574	QNA2820D.EU	IAQ multi-sensor LoRaWAN EU, RESET Certified	A6V13589454	384
S55720-S575	QNA2820D.US	IAQ multi-sensor LoRaWAN US, RESET Certified	A6V13589454	384
S55720-S576	QNA2820D.AU	IAQ multi-sensor LoRaWAN AU, RESET Certified	A6V13589454	384
S55720-S626	QMA230KT	Wireless room unit, KNX IoT/Thread, Temperature	A6V15004474	379
S55770-T293	RDF600KN	Flush mount KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes	N3076	49
S55770-T350	RDF800KN	Flush mount touch KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes	N3174	48
S55770-T400	RDF600KN/S	Flush mount KNX room thermostat for 2-/4-pipe FCU with on/off output, KNX switching group, four buttons for switching lights and blinds and 2x universal input, fit for both round and square conduit boxes	N3076	49
S55770-T407	RDF870KN	Flush mount touch KNX PM2.5 & CO2 & Ventilation Controls with on/off or ECM fans selectable and 2x DC 0-10 V input, fit for both round and square conduit boxes	A6V11439454	50
S55770-T409	RDG200KN	KNX communicating room thermostat. Outputs modulating (PWM / 3-pos.) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air	A6V11545853	52
S55770-T410	RDG204KN	KNX communicating room thermostat with CO2 sensor. Outputs modulating (PWM / 3-pos.) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air	A6V11545853	54
S55770-T412	RDG260KN	KNX communicating room thermostat. Outputs modulating (DC) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air	A6V11545853	55
S55770-T413	RDG264KN	KNX communicating room thermostat with CO2 sensor. Outputs modulating (DC) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air	A6V11545853	57
S55770-T415	RDF880KN	Flush mount touch KNX room thermostat for heating applications and/or VRF Room Unit with KNX Interface to VRF Gateway, for square and round conduit boxes	A6V11282546	48
S55770-T429	RDF800KN/VB	Flush mount touch KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes, black	N3174	48
S55770-T430	RDF600KN/VB	Flush mount KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes, black	N3076	49
S55770-T438	ARG200	Mounting adapter for RDG2..	A6V11545853	57
S55770-T452	RDG200KN/BK	KNX communicating room thermostat in black. Outputs modulating (PWM / 3-pos.) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air	A6V11545853	53
S55770-T453	RDG260KN/BK	KNX communicating room thermostat in black. Outputs modulating (DC) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air	A6V11545853	56
S55770-T520	ARG200-DINRAIL	Accessory for installing RDG2xx on DIN rails	A6V11545892	58
S55800-Y101	OCI702	USB - KNX Service interface	A6V10438951	258
S55812-Y101	OCT100.R	Thread mesh extender		375
S55812-Y102	OCT200.KNBA	KNX IoT to BACnet IP gateway	A6V13434938	376
S55812-Y103	OCT110.BR	Thread Border Router, KNX IoT/Thread & Ethernet	A6V15454242	375
S55813-Y100	CWG.BOX-EU	Connect Box Hardware		381
S55813-Y110	CWG.BOX-NA	Connect Box Hardware		381
S55842-Z135-A100	CXE200	Edge controller CXE200		385

Display and operation units



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Display and operation units

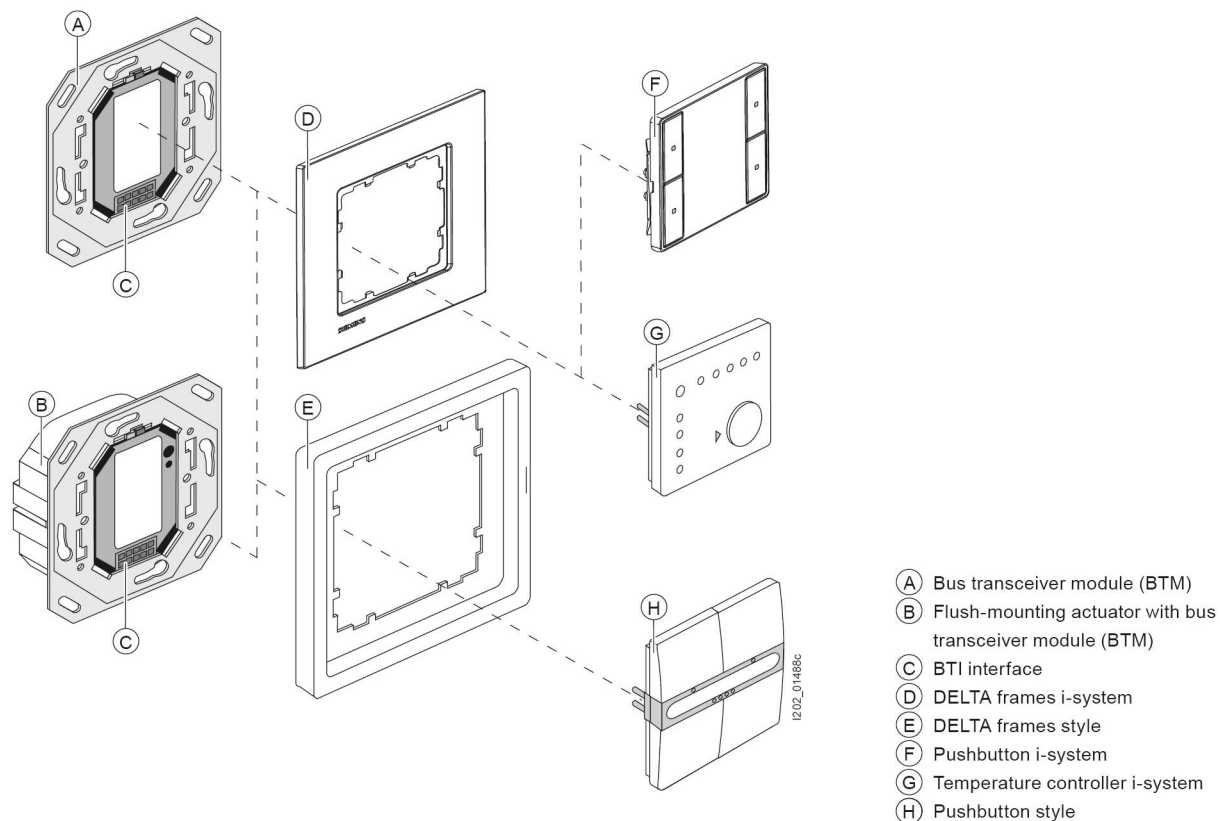
Overview and selection tools

Modular bus transceiver module and flush-mounting actuator

A key feature of the GAMMA instabus is its uniform bus transceiver module. The bus transceiver module (BTM) can be used as a stand-alone unit, as well as a combined version in various devices of the flush-mounting actuator range.

Implementation of the BTI interface (Bus Transceiver Interface) with the bus transceiver module (BTM) ensures maximum flexibility and an impressive range of functions. Bus coupling units (BTM) and flush-mounting actuators with integrated bus transceiver modules (BTM) enable the use of GAMMA display/operator interfaces, such as pushbuttons, room temperature controllers and operation units in a wide range of designs. Thus, all GAMMA instabus operator interfaces with BTI interface in the design lines i-system and DELTA style can be combined with either a bus transceiver module (BTM) or a flush-mounting actuator with bus transceiver module (BTM).

This reduces planning work and facilitates installation and commissioning. The application programs of the flush-mounting actuators are identical to those of the functionally equivalent devices from the modular room control range. This means that all devices have the same standard application program - regardless of mounting type - whether flush-mounting, with or without mounting frame - or whether designed for installation in the room control box and automation module box.



GAMMA arina-Taster

Touch sensors GAMMA arina – in a matching design program

The attractive design of the touch sensors GAMMA arina is harmonized with the switch and socket program DELTA arina. GAMMA arina was designed in China for the Asian market. This design line consists of several switches and a communicative KNX thermostat. The arina program is a complete comprehensive solution for room automation. Switches, sockets and data outlets in the arina program together with intelligent display and operation units generate a coordinated, harmonious appearance in the room.

Harmony in variety and function

The parameters of the touch sensors GAMMA arina are conform to the parameters and functions of the existing program DELTA i-system and style. The installers and system integrators can parameterize with a continuous, harmonious application program in the usual structure. With the touch sensors GAMMA arina all standard functions in a room can be controlled.

There are 1-fold, 2-fold and 4-fold sensors, with orientation lights, with or without status LED to choose. The 4-fold touch sensors can be featured with a temperature sensor. Therefore the integration into a room temperature control is possible. With the integrated scene control a complete scene can be controlled with a single touch.

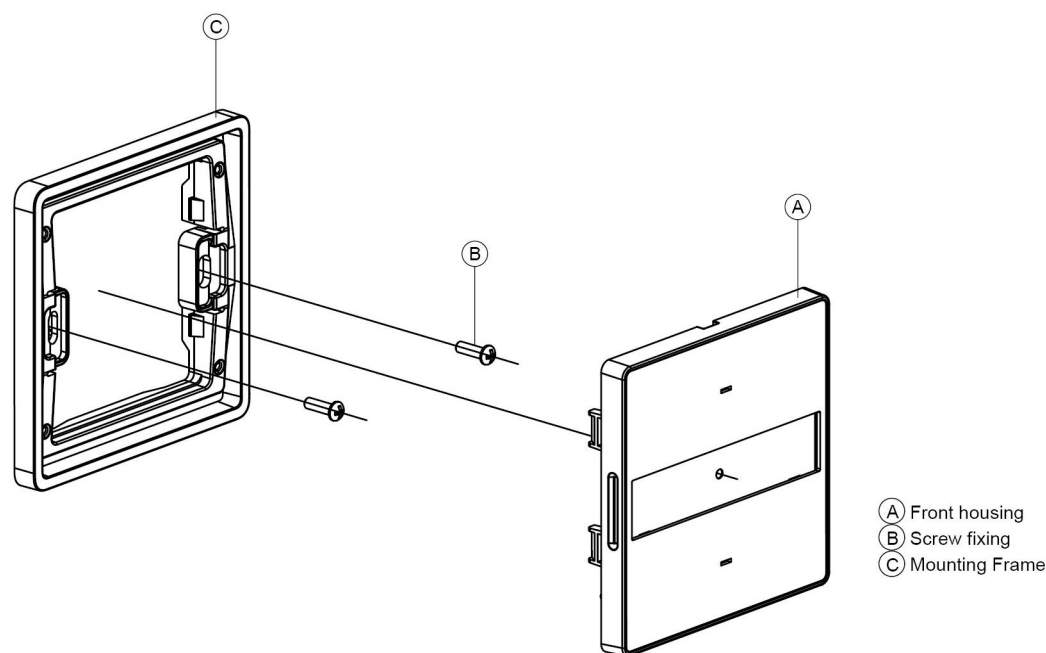
Technical structure

The touch sensors GAMMA arina are designed as a compact mono block version. A separate bus connection is not necessary. The structure and installation of the touch sensors GAMMA arina are similar to the product line arina. The device block is square shaped and can only be picked up from a square shaped installation box (86 x 86 millimeters). The program is issued to the UK installation standard or for the area Asia Pacific/ China.

The touch sensors GAMMA arina are installed in a mounting frame. They can be mounted in single or multiple frames. The multiple mounting frames must be ordered separately.

Note:

The touch sensors GAMMA arina are not designed for round installation boxes in accordance with DIN / VDE.



Display and operation units

Overview and selection tools

Visualization with a PC



Visualization with a tablet



Web visualization for a KNX system

The IP Control Center N 152 allows web visualization of KNX systems on various web-based operating devices. The visualization controller can be used to design intuitive operating and display interfaces for PCs, laptops, tablets or smartphones on an individual basis.

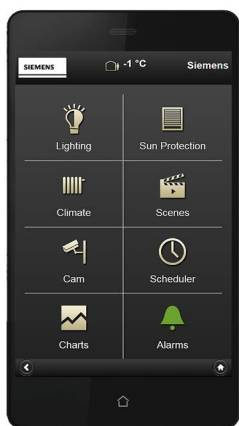
Up to 1250 values and states can be set for the various building and room functions, as well as a high-performance application module and the scope also includes an annual time switch program with an astronomic calendar, while the scene control allows you to call up and record up to 5000 scenes and events. A range of data points, e.g. consumption values and weather records can also be shown in the form of curve or bar charts, while data can be monitored and stored to facilitate fault diagnosis and via an interface, IP devices can be controlled using TCP/UDP commands. Alarm notifications are signaled both visually and audibly as well as being managed in an alarm history. Alarm notifications can also be sent as recorded trend data or monitor data by email.

Your choice of web content can be shown, such as news or weather forecasts, as well as scope to display images or films from IP cameras. The commissioning process is performed with the ETS, while a graphic editor and smart editor are permanently installed in the device to help when developing projects.

The web editor allows wide-ranging display and operating elements to be arranged using the drag-and-drop approach, while the user interface can be individually configured with personal or pre-existing elements from a comprehensive library. The scope also extends to six different selectable styles and building views and floor plans can be depicted as background images.

The Smart Editor allows you to develop visualizations specially tailored for mobile browsers on smartphones or tablets, swiftly and intuitively.

Visualization with a smartphone



A clear model project is available via download for the IP Control Center.

For applications in industrial environment, e.g. installation in a control board, are powerful operation terminals SIMATIC ITC from 12" to 22" available. For further information see:

www.siemens.com/simatic-thin-client

Desigo CC™ Compact for Electrical Applications

Desigo CC™ Compact for Electrical Applications offers full integration of lighting and all other electrical assets through KNX protocol, while also supporting in the southbound open standards such as BACnet, OPC, Modbus, and many more. Options are available for dedicated, browser-based, and Windows desktop app clients using the same user interface. Additionally, web interfaces provide increased flexibility for operation and future extensions such as mobile applications for tablets and smartphones.

User interface



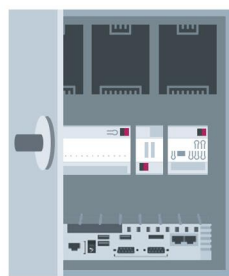
State-of-art management station improving the energy efficiency, safety and reliability of electrical equipment in buildings.

Visualization and management of all systems from one location and easy control of building from everywhere



- Centralized management lighting system
- Intuitive light symbols with embedded applications
- Light symbols with graphic commanding functionality
- Scenarios operation
- Easy scheduler definition
- Remote access through web and mobile app

Easy to engineer, commission and maintain



- Simplified integration through ETS project import and KNX discovery functionality
- Engineering Efficiency through automatic hierarchical views creation has defined in ETS
- Unique tool for management engineering and commissioning
- Specific libraries for GAMMA devices, such as the KNX/DALI GW N 141 which include an automatic error and test decodification
- Diagnostic functionality for devices in the KNX network
- Support of KNX IP Secure
- Ease of commissioning and engineering through an automatic installation and project configuration procedure

Display and operation units

Overview and selection tools

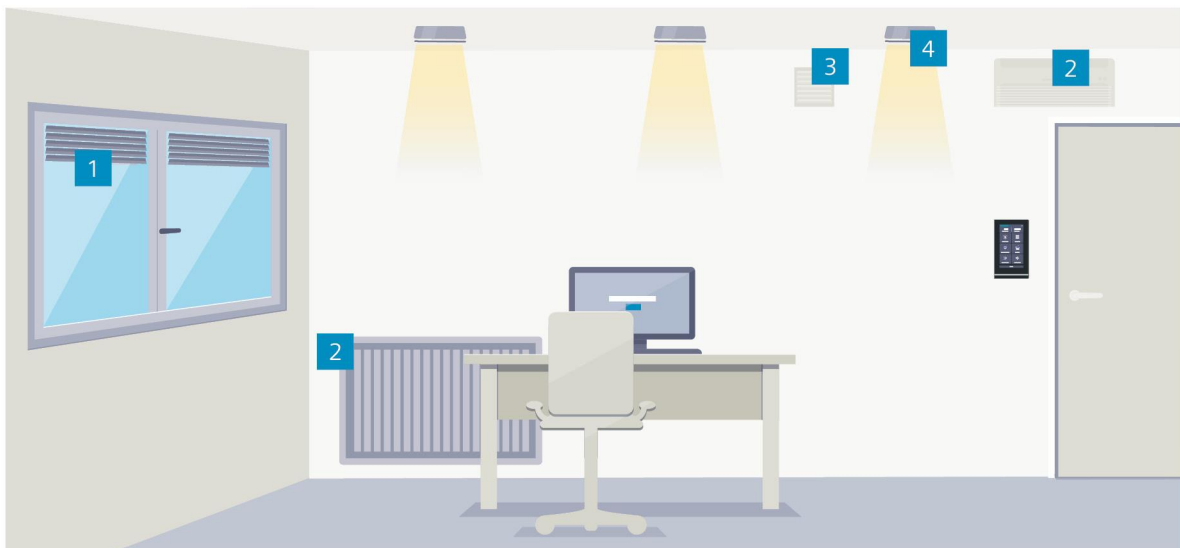
Intelligent room control with the KNX Touch Control family



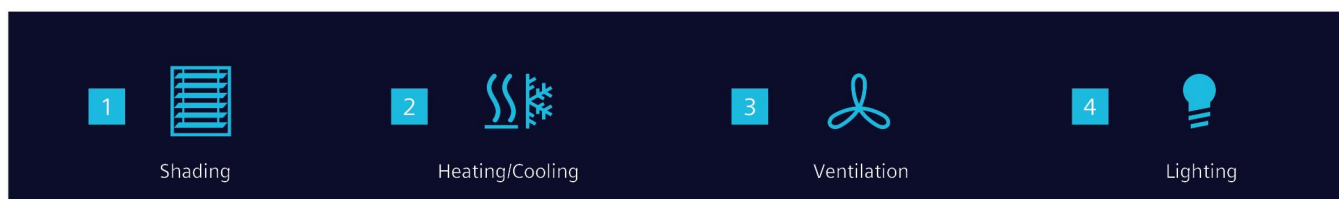
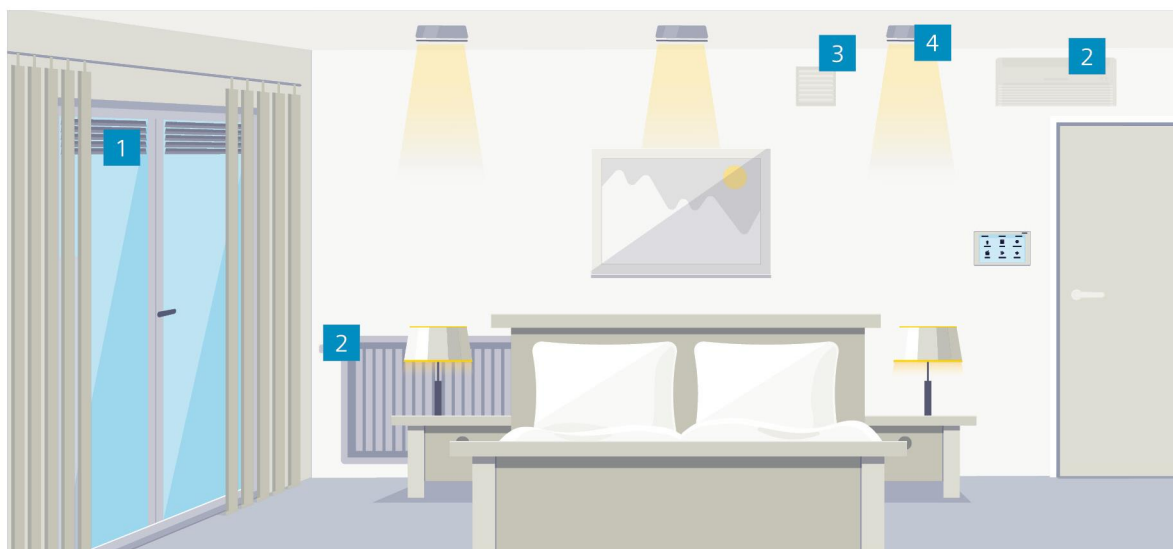
KNX Touch Control TC4 and TC5

Not only beautiful, but also smart: The modern and slim room units KNX Touch Control TC4 and TC5 are a stylish eye-catchers in every room thanks to their high-quality glass surface and make smart room control easier than ever. The 4 or 5 inch color displays are available in the colors black or white and the TC5 can be mounted vertically as well as horizontally. The display operation is based on the intuitive concept of typing and swiping, in addition the appearance and range of functions can be easily adapted to the local needs. The room units KNX Touch Control support all KNX control functions in the room: from lighting, to solar protection, up to HVAC applications. Due to customizable scene control and timer functions, the devices are optimally suited for functional buildings, such as offices and hotels.

The smart way to a productive and healthy working environment



The most elegant option for a comfortable stay



Slim design:
The modern, slim and attractive design, in the colors black and white, makes the room units KNX Touch Control TC4 and TC5 a particularly elegant solution, complemented by intuitive and easy operation.



Best lighting:
With the KNX Touch Control family it is possible to switch and dim lighting as well as RGB- and RGBW-LEDs and to adjust color temperature and brightness individually. This gives room users the opportunity to create their own perfect environment.



Optimum indoor air quality:
The KNX Touch Control TC4, respectively TC5 gives users all options to create a healthy room atmosphere. It covers not only the setting of fan coil, floor heating and chilled ceiling, but also automatic ventilation, based on PM2.5 or CO2 values.

Display and operation units

Overview and selection tools

Pushbuttons bus transceiver module (BTM)

	i-system							DELTA style						
Design														
Type	UP 221/..2	UP 221/..3	UP 222/..2	UP 222/..3	UP 223/..2	UP 223/..3	UP 223/..4	UP 285/..2	UP 285/..3	UP 286/..2	UP 286/..3	UP 287/..2	UP 287/..3	UP 287/..4
Application program ¹⁾	909301													
Enclosure data														
Dimensions														
• Width [mm]	55							68						
• Height [mm]	55							68						
• Depth [mm]	11							14						
Display/control elements														
Individual pushbuttons	2	2	4	4	6	6	6	2	2	4	4	8	8	8
Pushbutton pairs	1	1	2	2	3	3	3	1	1	2	2	4	4	4
Operation (v: vertical, h: horizontal)	h	h	h	h	h	h	h	v	v	v	v	v	v	v
LED per pushbutton pair for status indication		2		2		2	2		2		2		2	2
LED for orientation light (ON/OFF configurable/dimmable)	■	■	■	■	■	■	■	■	■	■	■	■	■	■
LED brightness configurable and controllable via object	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Bus connection														
For plugging onto a bus transceiver module (BTM) or a flush-mounting actuator with bus transceiver module (BTM)	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Inputs														
Integrated room temperature sensor							■							■
Input functions														
Switching														
Switching ON/OFF/OVER	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Pushbutton function (bell function)	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Dimming														
Dimming with stop telegram (4-bit)	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Short button press, ON/OFF	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Long button press, BRIGHTER/DARKER	■	■	■	■	■	■	■	■	■	■	■	■	■	■
One-pushbutton dimming	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Value transmission														
8 bit/percent/16 bit	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Brightness value	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Temperature value	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Positively driven operation	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Time-delayed transmission of a second telegram, depending on main function	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Button deactivation	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Shutter/blind														
Shutter/blind control	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Short button press, slat OPEN/CLOSED or STOP	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Long button press, UP/DOWN	■	■	■	■	■	■	■	■	■	■	■	■	■	■
One-pushbutton sun protection	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Scene														
Integrated 8-bit scene control (channels)							8							8
Assignments per channel							8							8
Store and call up scene, 8-bit	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Store and call up scene, 1-bit	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Short or long button press (store/call up scene), configurable	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Status														
LED on/off/flashing depending on the value (1 bit/8 bit/16 bit)		■		■		■	■		■		■		■	■
Pushbutton operation display configurable via LED		■		■		■	■		■		■		■	■

¹⁾ For current application programs, see www.siemens.com/gamma-td

Pushbuttons flush-mounted

Design	GAMMA arina						
							
Type	UP 201/..2	UP 201/..3	UP 202/..2	UP 202/..3	UP 203/..2	UP 203/..3	UP 203/..4
Application program ¹⁾	910301						
Enclosure data							
Dimensions							
• Width [mm]	86						
• Height [mm]	86						
• Depth [mm]	14,6						
Display/control elements							
Individual pushbuttons	2	2	4	4	8	8	8
Pushbutton pairs	1	1	2	2	4	4	4
Operation (v: vertical, h: horizontal)	v	v	v	v	v	v	v
LED per pushbutton pair for status indication		2		2		2	2
LED for orientation light (ON/OFF configurable/dimmable)	■	■	■	■	■	■	■
LED brightness configurable and controllable via object	■	■	■	■	■	■	■
Bus connection							
Monoblock	■	■	■	■	■	■	■
Inputs							
Integrated room temperature sensor							■
Input functions							
Switching							
Switching ON/OFF/OVER	■	■	■	■	■	■	■
Pushbutton function (bell function)	■	■	■	■	■	■	■
Dimming							
Dimming with stop telegram (4-bit)	■	■	■	■	■	■	■
• Short button press, ON/OFF	■	■	■	■	■	■	■
• Long button press, BRIGHTER/DARKER	■	■	■	■	■	■	■
One-pushbutton dimming	■	■	■	■	■	■	■
Value transmission							
8 bit/percent/16 bit	■	■	■	■	■	■	■
Brightness value	■	■	■	■	■	■	■
Temperature value	■	■	■	■	■	■	■
Positively driven operation	■	■	■	■	■	■	■
Time-delayed transmission of a second telegram, depending on main function	■	■	■	■	■	■	■
Button deactivation	■	■	■	■	■	■	■
Shutter/blind control							
• Short button press, slat OPEN/CLOSED or STOP	■	■	■	■	■	■	■
• Long button press, UP/DOWN	■	■	■	■	■	■	■
One-pushbutton sun protection	■	■	■	■	■	■	■
Scene							
Integrated 8-bit scene control (channels)							8
Assignments per channel							8
Store and call up scene, 8-bit	■	■	■	■	■	■	■
Store and call up scene, 1-bit	■	■	■	■	■	■	■
Short or long button press (store/call up scene), configurable	■	■	■	■	■	■	■
Status							
LED on/off/flashing depending on the value (1 bit/8 bit/16 bit)	■	■	■	■	■	■	■
Pushbutton operation display configurable via LED	■	■	■	■	■	■	■

¹⁾ For current application programs, see www.siemens.com/gamma-td

Display and operation units

Overview and selection tools

Room temperature controller

										
Type	RDF600KN...	RDF600KN/S	RDF800KN...	RDF870KN	RDG-200KN...	RDG204KN	RDG-260KN...	RDG264KN	RDG405KN	UP 237K i-system
Design										
Wall mounted					■	■	■	■	■	
Semi-Flush Mounted	■	■	■	■						■
For VDE/CEE box	■	■	■	■						■
For British Standard box	■	■	■	■						
Housing										
Touch Screen Display			★	■						
LED indicators										■
Setpoint rotary knob					■	■	■	■	■	■
Operating mode button	■	■			■	■	■	■	■	■
Green Leaf					■	■	■	■	■	
Fan speed button	■	■			■	■	■	■	■	
Buttons for light and blind control		★								
Bus connection										
Integrated bus coupling units	■	■	■	■	■	■	■	■	■	
For plugging onto a bus coupling units (BTM)										■
Power supply										
Bus-powered electronic										■
Terminal voltage AC 230 V	■	■	■	■	■	■				
Terminal voltage AC 24 V					■	■	■	■	■	
Integrated sensor										
Room temperature sensor	■	■	■	■	■	■	■	■	■	■
Humidity sensor					■	■	■	■		
CO2 sensor						★		★		
Inputs										
Multifunctional inputs digital/analog	2	2	2	2	3	3	3	3	2	
Input DC 0...10 V				■					1	
Outputs										
ON/OFF (PWM) Triac (H/C)					★	★			■	
ON/OFF Relay (H/C)	★	★	■				■	■		
Analog outputs DC 0...10 V (H/C)							★	★	■	
3-stage Relay (fan)	■	■	■	■ ¹⁾	■	■	■	■		
Analog DC 0...10 V (fan)				■	■	■	■	■		
Analog DC 0...10 V (air damper)					■	■	■	■	■	
Applications										
Fancoil 2-/4-pipe with/without electrical heater	■	■	■		■	■	■	■		
Fancoil with Radiator					■	■	■	■		
Fancoil & H/C with 6-port valve / PICV							★	★		
Heating / Cooling 2-/4-pipe			■		■	■	■	■		■
Humidity control					■	■	■	■		
Indoor Air Quality				★ ²⁾		★		★	■	
Heat Pump System	■	■	■				■	■		■
VAV with electrical heater and radiator / Heat Cool coil					■ ⁶⁾	■ ⁶⁾	■ ⁶⁾	■ ⁶⁾	■	
Commissioning Tool					■	■	■	■		
Functionalities										
2-position control	■	■	■	■ ⁵⁾	■	■	■	■	■	■
Modulating control	■ ³⁾	■ ³⁾	■ ³⁾	■ ⁵⁾	■	■	■	■	■	■
2-stage control sequence for heating or cooling	■ ⁴⁾	■ ⁴⁾	■ ⁴⁾		■	■	■	■		■
Operating mode										
Comfort, Economy, Protection	■	■	■	■ ⁵⁾	■	■	■	■	■	■
Pre-Comfort										■
Manual / Auto operating mode	■	■	■	■ ⁵⁾	■	■	■	■	■	■

¹⁾ available for 1-/3-/4-stage Relay (fan) ²⁾ PM2.5 or CO₂ or both controls plus display VOC ³⁾ modulating output only for 2-pipe applications ⁴⁾ only for 2-stage heating ⁵⁾ only fan control functions ⁶⁾ support VAV - cooling with air

■ valid for all variants ★ main feature

Multifunction devices

												
Type	UP 204S22	UP 204S12	UP 205/22	UP 205/12	QMX6.P34	QMX6.P44	QMX6.P34-1BSC	QMX6.P44-1BSC	QMX6.P74	QMX6.P74-1BSC	QMX3.P02	QMX3.P37
Mounting												
Wall mounted					■	■	■	■	■	■	■	■
Flush mounted	■	■	■	■								
Display-/operating elements												
Display	■	■	■	■	■	■	■	■	■	■		■
Capacitive buttons											■	■
LED indicators per button											■	■
LED indicators central			■	■								
Proximity sensor	■	■	■	■								
Sensors												
Temperature	■	■	■	■	■	■	■	■	■	■	■	■
Humidity						■		■	■	■		
Air quality CO ₂									■	■		
Bus interface												
- Integrated bus coupling unit	■	■	■	■	■	■	■	■	■	■	■	■
Power supply												
- KNX bus voltage	■	■	■	■	■	■	■	■	■	■	■	■
- Additional power supply DC 24 V	■	■	■	■								
Functionalities												
Switching ON/OFF/OVER	■	■	■	■							■	■
Pushbutton function (bell function)	■	■	■	■								
Dimming	■	■	■	■							■	■
RGB(W) dimming	■	■	■	■								
Human Centric Lighting (HCL)			■	■								
Send Values												
- 8 bit/value	■	■	■	■								
- 8 bit/percent	■	■	■	■							■	■
- 16 bit	■	■	■	■								
- Temperature value	■	■	■	■								
Display value												
- 1 bit	■	■	■	■								
- 8 bit/percent/16 bit	■	■	■	■								
- Brightness value	■	■	■	■								
- Temperature value	■	■	■	■	■	■	■	■	■	■		■
- Humidity value	■	■	■	■	■	■	■	■	■	■		■
- Air Quality (PM2.5, PM10, VOC, CO ₂ , AQI)	■	■	■	■	■(CO ₂)	■(CO ₂)	■(CO ₂)	■(CO ₂)	■(CO ₂)	■(CO ₂)		■
- Wind speed value	■	■	■	■								
- Metering values	■	■	■	■								
- Text messages	■	■	■	■								
Alarmhandling	■	■	■	■								
Forced control	■	■	■	■								
Shutter-/blind control	■	■	■	■							■	■
Call and save scene, 8 bit	■	■	■	■							■	■
Logic functions	■	■	■	■	■	■	■	■	■	■		
Button deactivation					■	■	■	■	■	■		■
Deactivation of the display via password protection	■	■	■	■								
Time switch schedules	■	■	■	■								

Display and operation units

Overview and selection tools

Multifunction devices

												
Type	UP 204S22	UP 204S12	UP 205/22	UP 205/12	QMX6.P34	QMX6.P44	QMX6.P34-1BSC	QMX6.P44-1BSC	QMX6.P74	QMX6.P74-1BSC	QMX3.P02	QMX3.P37
Room temperature controller functionality												
Setpoint value setting, absolute	■	■	■	■	■	■	■	■	■	■		■
Relative setpoint value shifting	■	■	■	■	■	■	■	■	■	■		■
Setting operating modes	■	■	■	■	■	■	■	■	■	■		■
Setting comfort prolongation	■	■	■	■	■	■	■	■	■	■		■
Heating/Cooling	■	■	■	■	■	■	■	■	■	■		■
Two-point control	■	■	■	■	■	■	■	■	■	■		■
Continuous control	■	■	■	■	■	■	■	■	■	■		■
Two stage heating and cooling (sequence)					■	■	■	■	■	■		■
Applications												
Radiator	■	■	■	■	■	■	■	■	■	■	■	■
Underfloor heating	■	■	■	■	■	■	■	■	■	■	■	■
Fancoil	■	■	■	■								
Ventilation	■	■	■	■								
VRF (variable refrigerant flow)	■	■	■	■								
Threshold control for humidity	■	■	■	■							■	■
Threshold control for air quality	■	■	■	■							■	■
PI control for humidity					■	■	■	■	■	■		
PI control for CO ₂					■	■	■	■	■	■		

Pushbutton, i-system

UP 22..

- Pushbutton in pair
- Horizontal operation
- Per pushbutton selectable function
- LED for orientation light
- Labeling field
- Connectable bus coupling unit (BTM) or flush-mounted actuators via BTI

**Range overview UP 22..**

Product Title	Dimensions (WxHxD) [mm]	Stock no.	Product no.
KNX Pushbutton, single, without status LED, titanium white, i-system	55 x 55 x 11	5WG1221-2DB12	UP 221/12
KNX Pushbutton, single, with status LED, titanium white, i-system	55 x 55 x 11	5WG1221-2DB13	UP 221/13
KNX Pushbutton, single, without status LED, aluminum metallic, i-system	55 x 55 x 11	5WG1221-2DB32	UP 221/32
KNX Pushbutton, single, with status LED, aluminum metallic, i-system	55 x 55 x 11	5WG1221-2DB33	UP 221/33
KNX Pushbutton, double, without status LED, titanium white, i-system	55 x 55 x 11	5WG1222-2DB12	UP 222/12
KNX Pushbutton, double, with status LED, titanium white, i-system	55 x 55 x 11	5WG1222-2DB13	UP 222/13
KNX Pushbutton, double, with status LED, aluminum metallic, i-system	55 x 55 x 11	5WG1222-2DB33	UP 222/33
KNX Pushbutton, triple, without status LED, titanium white, i-System	55 x 55 x 11	5WG1223-2DB12	UP 223/12
KNX Pushbutton, triple, with status LED, titanium white, i-System	55 x 55 x 11	5WG1223-2DB13	UP 223/13
KNX Pushbutton, triple, without status LED, aluminum metallic, i-system	55 x 55 x 11	5WG1223-2DB32	UP 223/32
KNX Pushbutton, triple, with status LED, aluminum metallic, i-system	55 x 55 x 11	5WG1223-2DB33	UP 223/33

The bus transceiver module (BTM) (see Chapter System Products and Accessories) or flush-mounting actuator with bus transceiver module (BTM) must be ordered separately. The matching design frame must be ordered separately.

Display and operation units

Pushbuttons

Pushbuttons bus transceiver module (BTM)

UP 223/14



KNX Pushbutton, triple, with status LED, with scene controller, with room temperature sensor, titanium white, i-system

- Pushbutton in 3 pairs
- Horizontal operation
- Per pushbutton selectable function, scene controller
- LED for orientation light
- Labeling field
- Temperature sensor
- Connectable bus coupling unit (BTM) or flush-mounted actuators via BTI

Data sheet

A6V10416093

Dimensions (W x H x D)

55 x 55 x 11 mm

Warranty

24 Months

Stock no.

Product no.

5WG1223-2AB14

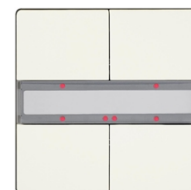
UP 223/14

The bus transceiver module (BTM) (see Chapter System Products and Accessories) or flush-mounting actuator with bus transceiver module (BTM) must be ordered separately. The matching design frame must be ordered separately. See Chapter Display and Operation Units - Pushbutton accessories.

Pushbutton, DELTA style

- Pushbutton in pair
- Vertical operation
- Per pushbutton selectable function
- LED for orientation light
- Labeling field
- Connectable bus coupling unit (BTM) or flush-mounted actuators via BTI

UP 28..



Range overview UP 28..

Product Title	Dimensions (WxHxD) [mm]	Stock no.	Product no.
KNX Pushbutton, single, without status LED, titanium white, DELTA style	68 x 68 x 14	5WG1285-2DB12	UP 285/12
KNX Pushbutton, single, with status LED, titanium white, DELTA style	68 x 68 x 14	5WG1285-2DB13	UP 285/13
KNX Pushbutton, single, without status LED, platinum metallic, DELTA style	68 x 68 x 14	5WG1285-2DB42	UP 285/42
KNX Pushbutton, single, with status LED, platinum metallic, DELTA style	68 x 68 x 14	5WG1285-2DB43	UP 285/43
KNX Pushbutton, double, without status LED, titanium white, DELTA style	68 x 68 x 14	5WG1286-2DB12	UP 286/12
KNX Pushbutton, double, with status LED, titanium white, DELTA style	68 x 68 x 14	5WG1286-2DB13	UP 286/13
KNX Pushbutton, double, without status LED, platinum metallic, DELTA style	68 x 68 x 14	5WG1286-2DB42	UP 286/42
KNX Pushbutton, double, with status LED, platinum metallic, DELTA style	68 x 68 x 14	5WG1286-2DB43	UP 286/43
KNX Pushbutton, quadruple, without status LED, titanium white, DELTA style	68 x 68 x 14	5WG1287-2DB12	UP 287/12
KNX Pushbutton, quadruple, with status LED, titanium white, DELTA style	68 x 68 x 14	5WG1287-2DB13	UP 287/13
KNX Pushbutton, quadruple, without status LED, platinum metallic, DELTA style	68 x 68 x 14	5WG1287-2DB42	UP 287/42

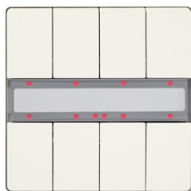
The bus transceiver module (BTM) (see Chapter System Products and Accessories) or flush-mounting actuator with bus transceiver module (BTM) must be ordered separately. The matching design frame must be ordered separately. See Chapter Display and Operation Units - Pushbutton accessories.

Display and operation units

Pushbuttons

Pushbuttons bus transceiver module (BTM)

UP 287/14



KNX Pushbutton, quadruple, with status LED, titanium white, DELTA style

- Pushbutton in 4 pairs
- Vertical operation
- Per pushbutton selectable function, scene controller
- LED for orientation light
- Labeling field
- Temperature sensor
- Connectable bus coupling unit (BTM) or flush-mounted actuators via BTI

Data sheet

Dimensions (W x H x D)

Warranty

A6V10416122

68 x 68 x 14 mm

24 Months

Stock no.

Product no.

5WG1287-2AB14

UP 287/14

The bus transceiver module (BTM) (see Chapter System Products and Accessories) or flush-mounting actuator with bus transceiver module (BTM) must be ordered separately. The matching design frame must be ordered separately. See Chapter Display and Operation Units - Pushbutton accessories.

Display and operation units

Pushbuttons

Pushbuttons flush-mounted

Touch Sensors GAMMA arina

UP 20..

- Pair of touch areas for vertical operation
- Per touch area selectable function
- LED for orientation light
- Labeling field
- Integrated bus coupling unit



Range overview UP 20..

Product Title	Dimensions (WxHxD) [mm]	Stock no.	Product no.
Touch sensor, single, without status LED, GAMMA arina, white	86 x 86 x 14.6	5WG1201-2DB12	UP 201/12
Touch sensor, single, with status LED, GAMMA arina, white	86 x 86 x 14.6	5WG1201-2DB13	UP 201/13
Touch sensor, single, with status LED, GAMMA Arina, Black	86 x 86 x 14.6	5WG1201-2DB23	UP 201/23
Touch sensor, double, without status LED, GAMMA arina, white	86 x 86 x 14.6	5WG1202-2DB12	UP 202/12
Touch sensor, double, with status LED, GAMMA arina, white	86 x 86 x 14.6	5WG1202-2DB13	UP 202/13
Touch sensor, double, with status LED, GAMMA Arina, Black	86 x 86 x 14.6	5WG1202-2DB23	UP 202/23
Touch sensor, quadruple, without status LED, GAMMA arina, white	86 x 86 x 14.6	5WG1203-2DB12	UP 203/12
Touch sensor, quadruple, with status LED, GAMMA arina, white	86 x 86 x 14.6	5WG1203-2DB13	UP 203/13
Touch sensor, quadruple, with status LED, GAMMA Arina, Black	86 x 86 x 14.6	5WG1203-2DB23	UP 203/23

The suitable mounting frame is already included in the package.

Touch sensor with status LED, scene controller and room temperature sensor, GAMMA arina, white

UP 203/14

- Pair of touch areas for vertical operation
- Per touch area selectable function
- LED for orientation light
- Labeling field
- Room temperature sensor
- Integrated bus coupling unit



Data sheet	A6V10438647
Dimensions (W x H x D)	86 x 86 x 14 mm
Warranty	24 Months

Stock no.	Product no.
5WG1203-2DB14	UP 203/14

The suitable mounting frame is already included in the package.

Display and operation units

Pushbutton accessories

Frames DELTA line

AQR2510NFW



Frame DELTA line for front module

Design frames for front modules.

Data sheet

Color

Mechanical design

Dimensions (W x H x D)

Warranty

N1410

Titanium white

DELTA line (CEE/VDE)

80.2 x 80.2 x 8 mm

60 Months

Stock no.

Product no.

S55720-S158

AQR2510NFW

Display and operation units

Pushbutton accessories

Frames DELTA miro color

Frame DELTA miro for front module

AQR2510NHW

Design frames for front modules.

Data sheet	N1410
Color	Titanium white
Mechanical design	DELTA miro (British Standard)
Dimensions (W x H x D)	90 x 90 x 8 mm
Warranty	60 Months



Stock no.

Product no.

S55720-S159

AQR2510NHW

Display and operation units

Pushbutton accessories

Frames DELTA style

S 281/11

**DELTA style design frame, 82 x 82 x 11 mm, titanium white, single frame**

Accessory for user interfaces in DELTA style design, single frame, IP 20

Dimensions (W x H x D)

82 x 82 x 11 mm

Warranty

24 Months

Stock no.

Product no.

5WG1281-8AB11

S 281/11

Room temperature controllers with integrated sensor and operation i-system

KNX Temperature controller, titanium white

UP 237K11



- Integrated room temperature sensors
- Control can be set as a two-point control and/or continuous-action control (P or PI algorithm), for heating only, for cooling only, or for heating and cooling mode
- Operating modes that can be switched via KNX: comfort mode, pre-comfort mode, energy-saving mode and frost or heat protection mode
- Presence pushbutton to locally switch between comfort and pre-comfort mode or comfort and energy-saving mode and to extend comfort mode after operating energy-saving or protection mode
- Pushbutton for switching over between manual and automatic mode
- The room temperature setpoint value for comfort mode can be set via an interchangeable rotary button (+/-) on the controller and via the KNX
- Basic setpoint of the room temperature for comfort mode which can be set via the KNX
- Setpoint value for comfort mode in °C which can be set via an interchangeable rotary button on the controller
- Adjustable dead zone between the heating setpoint and the cooling setpoint for comfort mode
- Two-level heating or cooling
- Output of the control variable(s) either as an on/off switch command or as a positioning command in the range of 0...100 %
- 5 LEDs to display manual mode and the current operating modes
- 4 LEDs to display heating/cooling valve open, dew point alarm and open window
- For plugging onto a bus transceiver module (BTM) or a flush-mounting actuator with bus transceiver module (BTM)
- Titanium white

The bus coupling module (BTM) (see chapter Systemproducts and Accessories) or flush-mounting actuator with bus coupling (BTM) must be ordered separately. The matching design frame must be ordered separately. See chapter Display and Operation Units - Pushbutton Accessories.

Data sheet	A6V10416253
Dimensions (W x H x D)	55 x 55 x 16 mm
Warranty	24 Months

Stock no.	Product no.
5WG1237-2KB11	UP 237K11

The bus transceiver module (BTM) (see Chapter System Products and Accessories) or flush-mounting actuator with bus transceiver module (BTM) must be ordered separately. The matching design frame must be ordered separately. See Chapter Display and Operation Units - Pushbutton accessories.

Display and operation units

Multifunction device

Flush-mounted

UP 205/12



KNX Touch control TC5, 5 inch touch panel, white

- Aluminium and glass housing
 - Capacitive touch colour display 5", 480 x 854 pixels
 - Mounting in horizontal as well as vertical direction, configurable via ETS
 - LED colour light strip as orientation light, respectively to signal alarms
 - Integrated room temperature sensor
 - Micro SD card reader for on-site customization of wallpaper, screen saver and icons
 - Connection to external power supply DC 24 V
 - Flush mounted device for mounting in a flush wall box 60 mm Ø or 60 mm x 60 mm, for screw fixing
 - Mounting plate included in gift box
- Up to 15 configurable function pages
 - 5 configurable home pages for navigation
 - 120 individual functions configurable (icons on function pages)
 - Room control functions switching, dimming, tunable white, RGBW, HCL, solar protection, HVAC
 - Switching functions toggle, switching on/off, doorbell function
 - Dimming control page for colour lights: 3-colour RGB light, 4-colour RGBW light, optional with colour temperature adjustment
 - Human Centric Lighting
 - Solar protection functions for curtains, roller shutters and venetian blinds
 - Room temperature control configurable as two-step control and/or continuous control, for heating and/or cooling operation
 - Manual or automatic ventilation control
 - VRF interface
 - Up to 8 configurable sets of scene functions with 5 different data type options for each output
 - Up to 8 inputs for logical operations: AND, OR, XOR, gate forwarding, threshold, maximum value and format conversion
 - 5 different alarm conditions
 - 16 daily or weekly schedules
 - Display of date, time, temperature, relative humidity or CO2 on homepage
 - Display pages for air quality and weather values
 - Display pages for energy metering values
 - Display pages for free configurable values including unit text

Data sheet

A6V13357279

Dimensions (W x H x D)

86 x 148.8 x 11.5 mm

Warranty

24 Months

Stock no.

Product no.

5WG1205-2AB12

UP 205/12

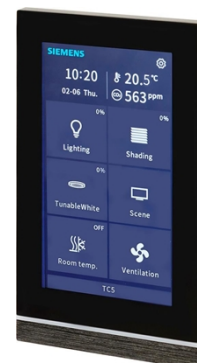
Display and operation units

Multifunction device

Flush-mounted

KNX Touch control TC5, 5 inch touch panel, black

UP 205/22



- Aluminium and glas housing
- Capacitive touch colour display 5", 480 x 854 pixels
- Mounting in horizontal as well as vertical direction, configurable via ETS
- LED colour light strip as orientation light, respectively to signal alarms
- Integrated room temperature sensor
- Micro SD card reader for on-site customization of wallpaper, screen saver and icons
- Connection to external power supply DC 24 V
- Flush mounted device for mounting in a flush wall box 60 mm Ø or 60 mm x 60 mm, for screw fixing
- Mounting plate included in gift box
- Up to 15 configurable function pages
- 5 configurable home pages for navigation
- 120 individual functions configurable (icons on function pages)
- Room control functions switching, dimming, tunable white, RGBW, HCL, solar protection, HVAC
- Switching functions toggle, switching on/off, doorbell function
- Dimming control page for colour lights: 3-colour RGB light, 4-colour RGBW light, optional with colour temperature adjustment
- Human Centric Lighting
- Solar protection functions for curtains, roller shutters and venetian blinds
- Room temperature control configurable as two-step control and/or continuous control, for heating and/or cooling operation
- Manual or automatic ventilation control
- VRF interface
- Up to 8 configurable sets of scene functions with 5 different data type options for each output
- Up to 8 inputs for logical operations: AND, OR, XOR, gate forwarding, threshold, maximum value and format conversion
- 5 different alarm conditions
- 16 daily or weekly schedules
- Display of date, time, temperature, relative humidity or CO2 on homepage
- Display pages for air quality and weather values
- Display pages for energy metering values
- Display pages for free configurable values including unit text

Data sheet	A6V13357279
Dimensions (W x H x D)	86 x 148.8 x 11.5 mm
Warranty	24 Months

Stock no. Product no.

5WG1205-2AB22 UP 205/22

Display and operation units

Multifunction device

Flush-mounted

UP 227



KNX Room Control Unit, i-system

- Multifunctional display-/control panel for KNX with Dot-Matrix LCD display 96 x 128 pixels
- 8 capacitive touch buttons for horizontal operation
- For the display and control of at least 10 adjustable room control functions: Switching toggle/On/Off, Dimming, Door bell function On/Off, Solar protection control; send 1 Byte/2 Byte value; display 1 Bit/1 Byte/2 Byte value; Forced control; display text messages; warning and alarm messaging; recall and save scenes; warning and alarm messaging
- Room control functions lockable via KNX-bus
- Green/red LED as orientation light, as status indication, as a response to pressing a button respectively to the signalling of alarm reports
- A signaler for acoustical alarm reports respectively as a status of the touch operation
- Integrated room temperature sensor
- Evaluation and weighting of an external inside temperature sensor
- Room temperature control configurable as two-step control and/or continuous control, for exclusive heating operation, exclusive cooling operation or heating and cooling operation
- Selectable operating modes over the KNX: Comfort, Pre-comfort, Energy-savings and protection
- Local indication
 - Of the active operating modes or automatic- respectively manual mode
 - Inside temperature or outside temperature
 - Heating or cooling mode
 - Dew point alarm
 - Open window
- Local switching between
 - Manual- and automatic mode
 - Comfort, pre-comfort, energy-saving- and protection mode
- Adjustable time-limited extension of the comfort mode
- Adjustable room temperature setpoint shifting for comfort mode
- Via KNX set basic setpoint value of the room temperature for comfort mode
- An outside temperature based temperature setpoint value tracing in the cooling operation
- Adjustable dead zone between the heating setpoint value and the cooling setpoint value for comfort mode
- Transmission of controller output(s) either as On/Off switching commands or as control commands in the range 0...100 %
- Local display of the manually selected fan rotational speed respectively of the automatic adjustment of the fan rotational speed
- Adjustable fan rotational speed respectively automatic adjustment of the fan rotational speed on the controller
- Weekly schedule programme for controller- operating modes, automatic mode and at the least 8 room control functions
- At the least 40 schedule tasks and Display and set of the date and time
- User control of LCD background lighting and Background color
- Display system settings and room temperature controller in the languages: German, English, French, Italian and Spanish
- User setting of at least 3 operating languages also Integrated bus coupling unit, bus connection via bus terminal possible
- Flush mounted device for the mounting in a flush wall box Ø 60 mm, for fixing on the mounting plate AQR2500NF via lateral springs (separately specified)

The matching design frame must be ordered separately. See chapter Display and Operation Units - Pushbuttons bus transceiver module (BTM).

The mounting plate AQR2500.. must be ordered separately.

Data sheet	A6V10416250
Dimensions (W x H x D)	55 x 55 x 37.2 mm
Warranty	24 Months

Stock no.	Product no.
5WG1227-2AB11	UP 227

Display and operation units

Multifunction device

Flush-mounted

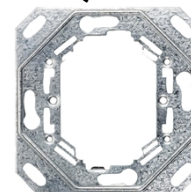
Accessories for UP 227

Mounting plate EU (CEE/VDE)

- Mounting plates to plug onto the front module

Data sheet	N1408
Mechanical design	EU (CEE/VDE)
Dimensions (W x H x D)	71 x 71 x 45 mm
Warranty	60 Months

AQR2500NF



Stock no.

Product no.

S55720-S161

AQR2500NF

Mounting plate IT (3 modular)

- Mounting plates to plug onto the front module

Data sheet	N1408
Mechanical design	IT (3 modular)
Dimensions (W x H x D)	71 x 71 x 45 mm
Warranty	60 Months

AQR2500NG



Stock no.

Product no.

S55720-S163

AQR2500NG

Display and operation units

Multifunction device

Wall-mounted

QMX3.P02



Room operator unit KNX with temperature sensor, configurable touchkeys, LED display, white

Functions:

- Temperature sensor
- Configurable touchkeys with LED display
- Switching and control of lighting, blinds, scenes
- Window for labels
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO2 concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO2)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO2)
- Setpoint for room temperature and relative humidity and CO2 concentration adjustable via KNX

Data sheet	N1602
Voltage supply	KNX bus
Power consumption	Quiet power: 0.18 W
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Display	LED
Communication	KNX PL-Link KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Weight (net)	0.19 kg
Warranty	24 Months

Stock no.	Product no.
S55624-H107	QMX3.P02

Display and operation units

Multifunction device

Wall-mounted

Room operator unit KNX with temperature sensor, configurable touchkeys, LED display, black

QMX3.P02-1BSC



Functions:

- Temperature sensor
- Configurable touchkeys with LED display
- Switching and control of lighting, blinds, scenes
- Window for labels
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO2 concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO2)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO2)
- Setpoint for room temperature and relative humidity and CO2 concentration adjustable via KNX

Data sheet	N1602
Voltage supply	KNX bus
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Communication	KNX PL-Link KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Warranty	24 Months

Stock no.

Product no.

S55624-H128

QMX3.P02-1BSC

Display and operation units

Multifunction device

Wall-mounted

QMX3.P34



Room operator unit KNX with temperature sensor, segmented backlit display, touchkeys, white

Functions:

- Temperature sensor
- Segmented backlit display and touchkeys
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO2 concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO2)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO2)
- Setpoint for room temperature and relative humidity and CO2 concentration adjustable via KNX

Data sheet	N1602
Voltage supply	KNX bus
Power consumption	Quiet power: 0.18 W
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Communication	KNX PL-Link KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Weight (net)	0.21 kg
Warranty	24 Months

Stock no.	Product no.
S55624-H105	QMX3.P34

Display and operation units

Multifunction device

Wall-mounted

Room operator unit KNX with temperature sensor, segmented backlit display, touchkeys, black

QMX3.P34-1BSC

Functions:

- Temperature sensor
- Segmented backlit display and touchkeys
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO₂ concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO₂)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO₂)
- Setpoint for room temperature and relative humidity and CO₂ concentration adjustable via KNX



Data sheet	N1602
Voltage supply	KNX bus
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Communication	KNX PL-Link KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Warranty	24 Months

Stock no.

Product no.

S55624-H126

QMX3.P34-1BSC

Display and operation units

Multifunction device

Wall-mounted

QMX3.P37



Room operator unit KNX with temperature sensor, segmented backlit display, configurable touchkeys, LED display, white

Functions:

- Temperature sensor
- Segmented backlit display and touchkeys
- Configurable touchkeys with LED display
- Switching and control of lighting, blinds, scenes
- Window for labels
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO2 concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO2)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO2)
- Setpoint for room temperature and relative humidity and CO2 concentration adjustable via KNX

Data sheet	N1602
Operating voltage	DC 21 V
Voltage supply	KNX bus
Power consumption	Quiet power: 0.24 W
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Display	LED
Communication	KNX PL-Link KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Weight (net)	0.216 kg
Warranty	24 Months

Stock no.	Product no.
S55624-H108	QMX3.P37

Display and operation units

Multifunction device

Wall-mounted

Room operator unit KNX with temperature sensor, segmented backlit display, configurable touchkeys, LED display, black

QMX3.P37-1BSC



Functions:

- Temperature sensor
- Segmented backlit display and touchkeys
- Configurable touchkeys with LED display
- Switching and control of lighting, blinds, scenes
- Window for labels
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO2 concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO2)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO2)
- Setpoint for room temperature and relative humidity and CO2 concentration adjustable via KNX

Data sheet	N1602
Voltage supply	KNX bus
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Communication	KNX PL-Link
	KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Warranty	24 Months

Stock no.

Product no.

S55624-H129

QMX3.P37-1BSC

Display and operation units

Multifunction device

Wall-mounted

QMX3.P44



Room operator unit KNX with sensors for temperature, humidity, segmented backlit display, touchkeys, white

Functions:

- multisensor for temperature and humidity
- Segmented backlit display and touchkeys
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO2 concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO2)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO2)
- Setpoint for room temperature and relative humidity and CO2 concentration adjustable via KNX

Data sheet	N1602
Voltage supply	KNX bus
Measuring range	NTC: 0...50 °C Humidity: 10%...95 % r.F.
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Communication	KNX PL-Link KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Weight (net)	0.21 kg
Warranty	24 Months

Stock no.	Product no.
S55624-H143	QMX3.P44

Display and operation units

Multifunction device

Wall-mounted

Room operator unit KNX with sensors for temperature, humidity, segmented backlit display, touchkeys, black

QMX3.P44-1BSC



Functions:

- Multisensor for temperature and humidity
- Segmented backlit display and touchkeys
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO₂ concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO₂)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO₂)
- Setpoint for room temperature and relative humidity and CO₂ concentration adjustable via KNX

Data sheet	N1602
Operating voltage	DC 24 V
Voltage supply	KNX bus
Power consumption	0.24 VA
Measuring range	NTC: 0...50 °C Humidity: 10%...95 % r.F.
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Display	Segment LCD
Communication	KNX PL-Link KNX S-Mode
Connection cable	1.0 mm ² ; 0 m
Ambient temperature, operation	0...50 °C
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Weight (net)	0.21 kg
Warranty	24 Months

Stock no.

Product no.

S55624-H144

QMX3.P44-1BSC

Display and operation units

Multifunction device

Wall-mounted

QMX3.P74



Room operator unit KNX with sensors for temperature, humidity, CO₂, segmented backlit display, touchkeys, white

Functions:

- multisensor for temperature, humidity and CO₂
- Segmented backlit display and touchkeys
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO₂ concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO₂)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO₂)
- Setpoint for room temperature and relative humidity and CO₂ concentration adjustable via KNX

Data sheet

N1602

Voltage supply

KNX bus

Power consumption

Quiet power: 0.36 W

Measuring range

400...10000 ppm CO₂

Sensing element

Temperature sensor, CO₂ sensor, relative humidity sensor

Measuring range, temperature

0...50 °C

Sensing element, temperature

NTC

Communication

KNX PL-Link

KNX S-Mode

Degree of protection

IP30

Dimensions (W x H x D)

88.4 x 133.4 x 18 mm

Weight (net)

0.22 kg

Warranty

24 Months

Stock no.

Product no.

S55624-H106

QMX3.P74

Display and operation units

Multifunction device

Wall-mounted

Room operator unit KNX with sensors for temperature, humidity, CO₂, segmented backlit display, touchkeys, black

QMX3.P74-1BSC

Functions:

- Multisensor for temperature, humidity and CO₂
- Segmented backlit display and touchkeys
- Temperature control, adjustable as PWM control and/or modulating control (PID algorithm), for pure heating mode, pure cooling mode, heating and cooling mode
- Operating modes switchable via KNX and/or display: Comfort mode, Pre-Comfort, energy savings and protection mode
- Adjustable commissioning and control parameters for radiated heating, slow and fast, floor heating slow and fast
- Integrated bus coupling unit
- 3 independently adjustable switching values for CO₂ concentration and relative air humidity for air quality control
- Actuating variable for 1, 2, or 3-stage fans (humidity and CO₂)
- Actuating variable for 1, 2, or 3-point positioning signal (humidity and CO₂)
- Setpoint for room temperature and relative humidity and CO₂ concentration adjustable via KNX



Data sheet	N1602
Voltage supply	KNX bus
Measuring range	400...10000 ppm CO ₂
Sensing element	Temperature sensor, CO ₂ sensor, relative humidity sensor
Measuring range, temperature	0...50 °C
Sensing element, temperature	NTC
Communication	KNX PL-Link KNX S-Mode
Degree of protection	IP30
Dimensions (W x H x D)	88.4 x 133.4 x 18 mm
Warranty	24 Months

Stock no.	Product no.
S55624-H127	QMX3.P74-1BSC

Accessories for QMX3..

Basic plate for conduit and cavity wall box

Basic plate for conduit box / cavity wall box with 68 mm diameter hole

20 pcs. per package

Data sheet	N1602
Dimensions (W x H x D)	80.5 x 115 mm
Warranty	60 Months



Stock no.	Product no.
S55624-H110	QMX3.MP1

Display and operation units

Room thermostats

Flush-mounted

RDF8..KNX Flush Mount



Flush mount touch screen KNX room thermostat for 2-/4-pipe FCU with on/off outputs, 2x universal input and electrical heater application, fit for both round and square conduit boxes

- Operating modes: Comfort, Economy and Protection
- For heating and/or cooling applications
- 2 or 3-position control outputs
- Output for 1-speed or 3-speed fan
- 2 multifunctional inputs for keycard contact, external room / return air temperature (QAH11.1, QAA32), heat / cool changeover, window contact on/off, dewpoint monitor, electrical heater enabled, fault contact, presence detector
- Automatic or manual heating/cooling changeover
- Adjustable commissioning and control parameters
- Minimum and maximum setpoint limitation
- Color of housing: Ivory white or black
- Backlit display

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 4-pipe system

Data sheet	N3174
Power consumption	6 VA
Setpoint setting range	5...40 °C
Switching differential	0.5...6 K
Communication	Bus: KNX (S-mode and LTE mode with Synco 700)
Analog inputs, number	2
Relay outputs	Fan: N.O. contacts, non-floating Valve: N.O. contacts, non-floating
Relay outputs, number	5
Relay output, switching voltage	AC 230 V
Relay output, switching current	5 (2) A
Degree of protection	IP30
Dimensions (W x H x D)	86 x 86 x 47 mm

Range overview RDF8..KNX Flush Mount

Product Title	Operating voltage [V]	Stock no.	Product no.
Flush mount touch KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes, black	AC 230	S55770-T429	RDF800KN/VB
Flush mount touch KNX room thermostat for heating applications and/or VRF Room Unit with KNX Interface to VRF Gateway, for square and round conduit boxes	AC 230	S55770-T415	RDF880KN
Flush mount touch KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes	AC 230	S55770-T350	RDF800KN

Flush mount KNX room thermostat for 2-/4-pipe FCU with on/off outputs, 2x universal input and electrical heater application, fit for both round and square conduit boxes

RDF6..KNX Flush Mount



Flush-mount room thermostat with LCD for fan coil units and compressors in DX-type equipment

- KNX communications
- For heating and/or cooling applications
- 2 or 3-position control outputs
- Output for 1-speed or 3-speed fan
- 2 multifunctional inputs for keycard contact, external room / return air temperature (QAH11.1, QAA32), heat / cool changeover, operation mode changeover, window contact on/off, dewpoint monitor, electrical heater enabled, fault contact, presence detector
- Operating modes: Comfort, Economy and Protection
- Automatic or manual heating/cooling changeover
- Adjustable commissioning and control parameters
- Minimum and maximum setpoint limitation
- Backlit display
- Color of housing: signal white (RAL 9003) or black
- Independent function for window contact, presence detector (standard presence and hotel presence)

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 4-pipe system

Data sheet	N3076
Power consumption	2 VA
Switching differential	0.5...6 K
Communication	KNX
Analog inputs, number	2
Relay outputs	Fan: N.O. contacts, non-floating Valve: N.O. contacts, non-floating
Relay outputs, number	5
Relay output, switching voltage	AC 230 V
Relay output, switching current	5 (2) A
Type of fixing	With screws on recessed round conduit box diameter min. 60 mm
Dimensions (W x H x D)	86 x 86 x 46 mm

Range overview RDF6..KNX Flush Mount

Product Title	Operating voltage [V]	Digital inputs, number	Stock no.	Product no.
Flush mount KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes	AC 230		S55770-T293	RDF600KN
Flush mount KNX room thermostat for 2-/4-pipe FCU with on/off output, KNX switching group, four buttons for switching lights and blinds and 2x universal input, fit for both round and square conduit boxes	AC 230	2	S55770-T400	RDF600KN/S
Flush mount KNX room thermostat for 2-/4-pipe FCU with on/off output and 2x universal input, fit for both round and square conduit boxes, black	AC 230	2	S55770-T430	RDF600KN/VB

Display and operation units

Room thermostats

Flush-mounted

RDF870KN



Flush mount touch KNX PM2.5 & CO2 & Ventilation Controls with on/off or ECM fans selectable and 2x DC 0-10 V input, fit for both round and square conduit boxes

- AC 230 V operating voltage, large, backlit display
- Display and setpoint adjustment for PM2.5 and CO2 control
- Display of room temperature, outside temperature, VOC (volatile organic compound) and RH (relative humidity)
- Support 1-/3-/4-speed On/Off fan or DC fan output
- Two multifunctional inputs for external passive and DC 0...10 V sensors
- Operating modes: Comfort, Economy and Protection
- KNX S-Mode
- KNX commissioning via ETS or local control parameters
- KNX integration into Desigo via group (ETS) or individual addressing
- KNX integration into third-party system via group addressing (ETS)
- Mounting on recessed square 86 mm box or round 60 mm with 60 mm fixing centers and minimum 40 mm depth
- Color of housing: Ivory white (RAL 9001)

Application selectable:

- PM2.5 control only
- CO2 control only
- PM2.5 & CO2 controls (CO2 higher priority in control)
- Ventilation control

2x sensor inputs are selectable:

- 0: No function
- 1: Temperature (AI) (NTC 10k)
- 2: Temperature (AI) (0...10 V)
- 3: PM2.5 (AI) µg/m³ (0...10 V)
- 4: CO2 (AI) ppm (0...10 V)
- 5: VOC (AI) % (0...10 V)
- 6: VOC (AI) mg/m³ (0...10 V)
- 7: RH (AI) % (0...10 V)
- 8: Alarm input (DI)
- 9: Dummy AI (0...10 V) (RU only)

Data sheet	A6V11439454
Operating voltage	AC 230 V 230 V
Power consumption	7 VA 2.5 W
Setpoint setting range	0...50 °C
Connection cable	Supply: 2-wire
Communication	KNX S-Mode
Analog outputs	DC 0...10 V for ECM fan output
Relay outputs	Fan: N.O. contacts, non-floating Valve: N.O. contacts, non-floating
Relay output, switching voltage	230 V
Relay output, switching current	5 A
Degree of protection	IP30
Dimensions (W x H x D)	86 x 86 x 46.8 mm
Color	White
Warranty	24 Months

Stock no.	Product no.
S55770-T407	RDF870KN

Room thermostats RDG2.. with KNX communications

RDG2..KN

- For fan coil , universal heat/cool and ventilation (VAV fresh air) applications
- KNX communications: S-mode, PL-Link with PXC4/5/7, LTE-mode with Synco
- 3 multifunctional inputs for keycard contact, external room / return air temperature (NTC3K; QAH11.1, QAA32 or LG-Ni1000 sensors), heat / cool changeover, operation mode changeover, window contact on/off, dewpoint monitor, electrical heater enabled, fault contact, presence detector
- Operating modes: Comfort, Economy and Protection
- Automatic or manual DC fan or 1-/3-speed
- Automatic or manual heating / cooling changeover
- Adjustable commissioning and control parameters
- Minimum and maximum setpoint limitation
- Backlit display
- Green leaf function
- Local weekly time program (with 3 Comfort periods per day)
- Manager /Subordinate (M/S) function
- Delta temperature control for district heating and cooling
- Commissioning via Smartphone APP "PCT Go", local HMI or KNX tools.

Data sheet	A6V11545853
Setpoint setting range	5...40 °C
Switching differential	Heating: 0.5...6 K; Cooling: 0.5...6 K
Communication	Bus: KNX (S-mode and LTE with Synco)
Analog output, signal	DC 0...10 V
Relay output, switching current	5 (4) A
Type of fixing	Wall mounting with screws
Degree of protection	IP30
Dimensions (W x H x D)	92 x 134 x 25 mm

Display and operation units

Room thermostats

Wall-mounted

RDG200KN



KNX communicating room thermostat. Outputs modulating (PWM / 3-pos.) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air

- Built-in temperature and humidity sensors
- For applications with 2-position (on/off or PWM) or 3-position control outputs
- For applications with 3-speed or DC 0...10 V fan
- AC 230 V or AC 24 V power supply.

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 2-pipe system and radiator / floor heating
- 2-pipe / 2-stage heating or cooling systems
- 4-pipe system
- 4-pipe system with electrical heater
- 4-pipe / 2-stage heating and cooling system (selectable also for 2-stage cooling / 1-stage heating or 2-stage heating / 1-stage cooling)

Data sheet	A6V11545853
Operating voltage	AC 24 V
	AC 230 V
Analog inputs, number	3
Analog outputs	Fan, fresh air damper (DC 0...10V)
Analog outputs, number	2
Digital inputs, number	3
Relay outputs	Fan: 1- or 3-speed
Relay output, switching voltage	AC 24 V or 230 V
Triac outputs	Valve, el. heater
	2-position, PWM, 3-position
Triac outputs, number	4
Triac output, switching voltage	AC 24...230 V
Triac output, switching current	1 A

Stock no.	Product no.
S55770-T409	RDG200KN

KNX communicating room thermostat in black. Outputs modulating (PWM / 3-pos.) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air

- Built-in temperature and humidity sensors
- Black color device RAL9011
- For applications with 2-position (on/off or PWM) or 3-position control outputs
- For applications with 3-speed or DC 0...10 V fan
- AC 230 V or AC 24 V power supply.

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 2-pipe system and radiator / floor heating
- 2-pipe / 2-stage heating or cooling systems
- 4-pipe system
- 4-pipe system with electrical heater
- 4-pipe / 2-stage heating and cooling system (selectable also for 2-stage cooling / 1-stage heating or 2-stage heating / 1-stage cooling)

Data sheet	A6V11545853
Operating voltage	AC 24 V
	AC 230 V
Analog inputs, number	3
Analog outputs	Fan, fresh air damper (DC 0...10V)
Analog outputs, number	2
Digital inputs, number	3
Relay outputs	Fan: 1- or 3-speed
Relay output, switching voltage	AC 24 V or 230 V
Triac outputs	Valve, el. heater
	2-position, PWM, 3-position
Triac outputs, number	4
Triac output, switching voltage	AC 24...230 V
Triac output, switching current	1 A

RDG200KN/BK



Stock no.

Product no.

S55770-T452

RDG200KN/BK

Display and operation units

Room thermostats

Wall-mounted

RDG204KN



KNX communicating room thermostat with CO2 sensor. Outputs modulating (PWM / 3-pos.) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air

- Built-in temperature, humidity and CO2 sensors
- Indoor air quality monitoring and controlling (CO2) via fresh air damper
- Display of CO2 value in ppm (parts per million) or with text
- For applications with 2-position (on/off or PWM) or 3-position control outputs
- For applications with 3-speed or DC 0...10 V fan
- AC 230 V or AC 24 V power supply.

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 2-pipe system and radiator / floor heating
- 2-pipe / 2-stage heating or cooling
- 4-pipe system
- 4-pipe system with electrical heater
- 4-pipe / 2-stage heating and cooling system (selectable also for 2-stage cooling / 1-stage heating or 2-stage heating / 1-stage cooling)

Data sheet	A6V11545853
Operating voltage	AC 24 V AC 230 V
Analog inputs, number	3
Analog outputs	Fan, fresh air damper: (DC 0...10 V)
Analog outputs, number	2
Digital inputs, number	3
Relay outputs	Fan: 1- or 3-speed
Relay output, switching voltage	AC 24 V or 230 V
Triac outputs	Valve, el. heater, fresh air damper 2-position, PWM, 3-position
Triac outputs, number	4
Triac output, switching voltage	AC 24...230 V
Triac output, switching current	1 A

Stock no.	Product no.
S55770-T410	RDG204KN

KNX communicating room thermostat. Outputs modulating (DC) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air

RDG260KN



- Built-in temperature and humidity sensors
- For applications with DC control outputs and DC or 3-speed fan output
- For applications with 2-position control output with DC fan output
- AC or DC 24 V operating voltage

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 2-pipe system and radiator / floor heating
- 2-pipe / 2-stage heating or cooling system
- 4-pipe system
- 4-pipe system with electrical heater
- 4-pipe / 2-stage heating and cooling system (selectable also for 2-stage cooling / 1-stage heating or 2-stage heating / 1-stage cooling)
- 4-pipe system with 6-port ball valves and PICV
- Heating / cooling with 6-port ball valves

Data sheet	A6V11545853
Operating voltage	AC/DC 24 V
Analog inputs, number	3
Analog outputs	Valve, el. heater: 4 fan: 1 fresh air damper: 1 (DC 0...10V)
Analog outputs, number	5
Digital inputs, number	3
Relay outputs	Valve, compressor or el. heater: 2 outputs, 2-position Fan: 1- or 3-speed
Relay output, switching voltage	AC 24...230 V

Stock no.

Product no.

S55770-T412

RDG260KN

Display and operation units

Room thermostats

Wall-mounted

RDG260KN/BK



KNX communicating room thermostat in black. Outputs modulating (DC) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air

- Built-in temperature and humidity sensors
- Black color device RAL9011
- For applications with DC control outputs and DC or 3-speed fan output
- For applications with 2-position control output with DC fan output
- AC or DC 24 V operating voltage

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 2-pipe system and radiator / floor heating
- 2-pipe / 2-stage heating or cooling system
- 4-pipe system
- 4-pipe system with electrical heater
- 4-pipe / 2-stage heating and cooling system (selectable also for 2-stage cooling / 1-stage heating or 2-stage heating / 1-stage cooling)
- Heating / cooling with 6-port ball valves

Data sheet

A6V11545853

Operating voltage

AC 24 V

24 V

DC 24 V

Analog inputs, number

3

Analog outputs

Valve, el. heater: 4

Fan: 1 (DC 0...10 V)

Analog outputs, number

5

Digital inputs, number

3

Relay outputs

Valve, compressor or el. heater: 2 outputs, 2-position

Fan: 1- or 3-speed

Relay output, switching voltage

AC 24...230 V

Stock no.

Product no.

S55770-T453

RDG260KN/BK

KNX communicating room thermostat with CO2 sensor. Outputs modulating (DC) or on/off. Fan coil (3-speed / DC fan), universal H/C applications, VAV fresh air

RDG264KN



- Built-in temperature, humidity and CO2 sensors
- Indoor air quality monitoring and controlling (CO2) via fresh air damper
- Display of CO2 value in ppm (parts per million) or with text
- For applications with DC control outputs and DC or 3-speed fan output
- For applications with 2-position control output with DC fan output
- AC or DC 24 V operating voltage

Application selectable:

- 2-pipe system
- 2-pipe system with electrical heater
- 2-pipe system and radiator / floor heating
- 2-pipe / 2-stage heating or cooling system
- 4-pipe system
- 4-pipe system with electrical heater
- 4-pipe / 2-stage heating and cooling system (selectable also for 2-stage cooling / 1-stage heating or 2-stage heating / 1-stage cooling)
- Heating / cooling with 6-port ball valves

Data sheet	A6V11545853
Operating voltage	AC 24 V
	24 V
	DC 24 V
Analog inputs, number	3
Analog outputs	Valve, el. heater: 4
	fan: 1
	fresh air damper: 1 (DC 0...10V)
Analog outputs, number	5
Digital inputs, number	3
Relay outputs	Valve, compressor or el. heater: 2 outputs, 2-position
	Fan: 1- or 3-speed
Relay output, switching voltage	AC 24...230 V

Stock no.	Product no.
S55770-T413	RDG264KN

Mounting adapter for RDG2..

ARG200

Mounting adapter for allowing RDG2xx thermostat installation on the wall without conduit box

Data sheet	A6V11545853
Dimensions (W x H x D)	96 x 138 x 20 mm
Warranty	24 Months



Stock no.	Product no.
S55770-T438	ARG200

Display and operation units

Room thermostats

Wall-mounted

ARG200-DINRAIL

Accessory for installing RDG2xx on DIN rails

Adapter for allowing RDG2xx mounting plate installation on DIN rails

Data sheet

A6V11545892

Dimensions (W x H x D)

42.5 x 10 x 19.34 mm

Warranty

24 Months

Stock no.

Product no.

S55770-T520

ARG200-DINRAIL

Touch Panel

- Multifunctional display/operating device for the KNX, with 320 x 240 pixels, 5.7" TFT color display and touch screen
- Dimming of LED background lighting over the operator interface
- For the display and operation of at least 210 communication objects on at least 20 display pages
- An additional page for the display and acknowledgement of at least 16 alarms
- Time program as weekly program for at least 110 communication objects and at least 10 switching tasks per weekday
- Presence simulation for at least 50 communication objects
- A trend module for storing and displaying graphics of the status values
- 1-bit or 8-bit scene control for at least 64 scenes
- At least 32 AND/OR operations, each comprising up to at least 4 communication objects
- At least 16 reference conditions for tripping one switching task respectively
- Individual password protection for each display page
- Buffered real-time clock and display of time and date
- Selection of at least 4 different design templates as operator and display interface
- Display of a loadable image as a start screen page or with display of a slide show containing at least 100 loadable images instead of a start screen page
- USB interface for loading images and symbols
- USB cable, 1 m long and a transfer rate of 480 MBit/sec.
- Pushbutton for device reset
- Integrated bus coupling units, Bus connection via bus terminal
- Flush-mounting device in flush-mounting/hollow-wall box

UP 588/..3



The matching design frame and the flush-mounting/hollow-wall box must be ordered separately.

Range overview 588/..3

Product Title	Dimensions (WxHxD) [mm]	Stock no.	Product no.
KNX Touch Panel, AC 230 V, 50 Hz	161.5 x 135 x 64	5WG1588-2AB13	UP 588/13
KNX Touch Panel, AC/DC 24 V	161.5 x 135 x 64	5WG1588-2AB23	UP 588/23

Design frame for KNX touch panel UP 588/..3, aluminium

Design frames aluminium for UP 588/3

Data sheet	A6V11637841
Dimensions (W x H x D)	194 x 156 x 5 mm
Warranty	24 Months

S 588/12



Stock no.	Product no.
5WG1588-8AB12	S 588/12

Design frame for KNX touch panel UP 588/..3, stainless steel design

Design frames stainless steel for UP 588/3

Data sheet	A6V11637841
Dimensions (W x H x D)	194 x 156 x 5 mm
Warranty	24 Months

S 588/13



Stock no.	Product no.
5WG1588-8AB13	S 588/13

Display and operation units

Touch panels

S 588/14



Design frame for KNX touch panel UP 588/..3, glass black

Design frames black glass for UP 588/3 touch panels

Data sheet	A6V11637841
Dimensions (W x H x D)	194 x 156 x 5 mm
Warranty	24 Months

Stock no.	Product no.
5WG1588-8AB14	S 588/14

S 588/15



Design frame for KNX touch panel UP 588/..3, glass white

Design frames white glass for UP 588/3 touch panels

Data sheet	A6V11637841
Dimensions (W x H x D)	194 x 156 x 5 mm
Warranty	24 Months

Stock no.	Product no.
5WG1588-8AB15	S 588/15

UP 588E01



Flush-type box for all KNX touch panel UP 588

Flush-mounting/hollow-wall boxes for UP 588 touch panels

Data sheet	A6V11637841
Dimensions (W x H x D)	161.5 x 135 x 64 mm
Warranty	24 Months

Stock no.	Product no.
5WG1588-8EB01	UP 588E01

KNX IP Control Center

N 152/01

Visualisation controller for full-graphic visualizations on web-compatible end devices such as PCs, tablets and smart phones with a standard web browser.

For communication between KNX devices and PCs and, in connection with a LAN-/WLAN modem or DSL router, for remote access to a KNX installation, for usage as an interface for the ETS 3/4/5 and as an interface for a visualization, with usage of the KNXnet/IP protocol, with the following simultaneously usable functions:

- Web server for operating and monitoring up to 1250 statuses and values transmitted by the KNX network, which can be displayed using a standard browser on PCs, tablets, or smartphones connected to the IP network
- Special web-configuration page for a firmware update, to set the IP configuration, SMTP server, security settings, password protection, certificates, Sonos module, API connection and restart
- Graphical web editor for a creation of fully graphical visualization with control and display elements, configurable in various styles
- Smart editor for the creation of a visualisation, tuned for mobile browsers, smartphones, tablets with control and display elements, configurable in various styles and layouts
- Annual timer, with astronomical calendar, for 300 time switch schedules with up to 30 time switch commands per time switch schedule
- Scene module with up to 5000 scenes or events
- Chart module for recording and reporting of up to 10 data points
- Monitoring module for monitoring and storage of up to 1000 events into a ring buffer
- IP interface for control of up to 20 IP-devices via up to 20 TCP/UDP commands per IP-device
- Fully graphical logic module with up to 1000 logic functions
- Alarm function for up to 250 different alarms
- E-mail function, with up to 20 contacts, for transmission of chart data from chart module, logged data from monitoring module or alarm data
- Data point management for viewing, managing, editing and categorizing all available data points
- Module for controlling SONOS loudspeakers
- Module for controlling the Philips HUE LED lighting system
- Ethernet interface 10/100 Mbits/s with RJ45 socket for connection to the IP network using the Internet Protocol
- 2 LED displays for IP connection/communication and for error messages
- Integrated bus connector and bus terminal for connection to a KNX network
- Power supply of the electronics by an external voltage source for AC/DC 24 V, 50 mA
- Series installation device for mounting on support rails TH35 DIN EN 60715



Data sheet	A6V10417875
Dimensions (W x H x D)	72 x 90 x 60 mm
Dimension width (1 MW = 18 mm)	4 MW
Warranty	24 Months

Stock no. Product no.

5WG1152-1AB01 **N 152/01**

Accessories for N 152/01

Product Title	Stock no.	Product no.
LOGO! Power 24 V/1.3 A	6EP3331-6SB00-0AY0	LOGO!POWER 24 V/1,3 A

Display and operation units

Visualization, server

OZW772..



Web server for Synco devices

Web server OZW772 allows for remote plant control and monitoring via the web.

- Operate web browser via PC/laptop and Smartphone
- Operate ACS (PC/laptop with ACS plant operating software)
- Connections: USB and Ethernet
- Display fault messages in the web browser
- Send fault messages to a maximum of 4 e-mail recipients
- Periodically send system reports to e-mail recipients
- Visualize the plants in the web browser based on standard plant diagrams and customized plant web pages
- Acquire and display consumption data
- Send consumption data file to 2 email recipients
- Function "Energy indicator" to monitor data points for energy-related limit values, or "Green limits"
- Web services for external applications via Web API (Web Application Programming Interface)
- Encrypted with https and TLS for e-mails
- Record of trends, display and dispatch to 2 e-mail recipients
- Integration up to 237 S-Mode data points of KNX devices (not OZW772.01)
- Direct commissioning with web browser or ACS service tool
- Easy and secure remote access and plant overview with Synco IC Remote Access - a web-based service for secure remote access (www.siemens-syncoic.com)

Internet portal Synco IC offers simple and secure access to your plants

- Simple and fast set up of access via the Internet (fixed net- or mobile router)
- The portal provides additional functions:
 - Manage one or multiple plants
 - Central user management
 - Display of plant overview, state of Energy indicators and alarms
 - Send alarm notifications per e-mail
 - Secured communications through encryption (https)

Web servers OZW772.01, OZW772.04, OZW772.16, OZW772.250 can connect 1, 4, 16, or 250 KNX devices from the product ranges Synco 700, Synco RXB, and RDG/RDF room thermostats, and the QAX Synco living central apartment units.

Data sheet	N5701
Operating voltage	Power pack: AC 230 V Web server: DC 24 V
Communication	KNX TP (twisted pair) Ethernet, RJ45 plug socket (shielded) USB V2.0
Mounting	On DIN rails With Screws
Degree of protection	IP30
Dimensions (W x H x D)	87.5 x 90 x 40 mm

Range overview OZW772..

Product Title	Stock no.	Product no.
Web server for 1 Synco device	BPZ:OZW772.01	OZW772.01
Web server for 4 Synco devices	BPZ:OZW772.04	OZW772.04
Web server for 16 Synco devices	BPZ:OZW772.16	OZW772.16
Web server for 250 Synco devices	BPZ:OZW772.250	OZW772.250

Feature set for Desigo CC Compact Electrical

CCA-CMPT-ELEC


Desigo CC Compact for Electrical Applications offers full integration of lighting and all other electrical assets through KNX protocol, while also supporting in open standards such as BACnet, OPC, Modbus, and many more. Three different client variants are available. The installed client and the Windows Desktop App Client provide the same user interface. The browser-based Flex Client is based on HTML5 technology and combines the proven operating concepts with a new user experience. Additionally, web interfaces provide increased flexibility for operation and future extensions such as mobile applications for tablets and smartphones.

The feature set for Desigo CC Compact Electrical includes the following

Functionality:

- Event Management & Journaling
- Graphic Viewer
- Scheduler, time based reactions, macros
- Logics (events/COV based Reactions, Scripts)
- Trend Viewer
- Remote Notification (E-Mail, Pager, SMS)
- Reports
- Log Viewer
- Operator Tasks
- Advanced Reporting
- Datamate (Apogee tool)
- Long Term Storage & Archiving: Included 4 (max. 4) standard archive groups, 1 for each type of records (activities, events, incidents and values)

Connectivity:

- Standard drivers (KNX, BACnet, OPC, Modbus, SNMP, S7 max. 8 PLC)
- Integration Token (10 included)
- Mobile App and/or Web Service sessions (maximum 5)
- Building X Connector (for cloud-based Building X applications, such as Operations Manager or Energy Manager)
- Power BI Connector (supporting flexible data visualization, interactive dashboards, and reports with Microsoft Power BI)

Clients:

- 3 clients (maximum 3)

Data Points:

- 500 Electrical data points included, more points can be ordered
- No Building Automation points are included but can be ordered up to a maximum of 500
- No Fire data points are included but can be ordered up to a maximum of 500
- No SCADA data points are included but can be ordered up to a maximum of 500
- No meter data points are included but can be ordered up to a maximum of 30

Warranty

12 Months

	Stock no.	Product no.
	P55802-Y108-A100	CCA-CMPT-ELEC

Data points

Product Title	Stock no.	Product no.
Add 100 building automation data points	P55802-Y157-A412	CCA-100-BA
Add 500 building automation data points	P55802-Y157-A452	CCA-500-BA
Add 100 fire detection data points	P55802-Y158-A412	CCA-100-FIRE
Add 500 fire detection data points	P55802-Y158-A452	CCA-500-FIRE
Add 100 SCADA data points	P55802-Y124-A412	CCA-100-SCADA
Add 500 SCADA data points	P55802-Y124-A452	CCA-500-SCADA
Add 10 meter data points	P55802-Y152-A411	CCA-10-METER
Add 500 electrical data points	P55802-Y156-A452	CCA-500-ELEC

Display and operation units

Visualization, software

Data points

Product Title	Stock no.	Product no.
Add 5'000 electrical data points	P55802-Y156-A453	CCA-5000-ELEC
Add 30'000 electrical data points	P55802-Y156-A434	CCA-30000-ELEC
Add 100'000 electrical data points	P55802-Y156-A415	CCA-100000-ELEC

Options

Product Title	Stock no.	Product no.
Power BI Editor option	P55802-Y182-A300	CCA-PWR-BI-ED
Graphic Editor option	P55802-Y127-A300	CCA-OP-GRAPH-ED
Apogee P2 driver	P55802-Y133-A300	CCA-P2-DRIVE
Reno plus option	P54593-Y195-A300	CCA-M-RENOPLUS
Add one integration token	P55802-Y180-A410	CCA-1-INT-TK
Upsell Desigo CC Compact ELEC to Desigo CC	P55802-Y108-A500	CCA-CMPT-ELEC-U