

Compatibility of devices, assortments, and applications

Device	Suitable for →	Documentation ↓	RAD	CLC	FNC	VAV	FPB	INT	LAB
DESIGO RXA room controllers without bus communications									
RXA20.1, RXA21.1, RXA22.1 *)	Room controllers for fan coil systems, chilled ceilings and radiators	CA2N3881			X				
RXA29.1 *)	Room controller for fan coil systems	CA2N3882			X				
DESIGO RXB room controllers with EIB bus communications									
RXB10.1 *)	Room controller in room-style housing for CLC, RAD and VAV systems, supply or extract air (<i>EIB</i>)	CA2N3870	X	X		X			
RXB21.1 *)	Room controllers for fan coil systems (<i>Communications EIB</i>) FC-06	CA2N3871			X				
RXB21.1, RXB22.1 *)	Room controllers for fan coil systems (<i>KNX</i>) FC-08, FC-09	CA2N3872			X				
RXB21.1, RXB22.1	Room controllers for fan coil systems and radiators, (<i>KNX</i>) FC-10, FC-11, FC-12	CM2N3873			X				
RXB24.1	Room controller for chilled ceilings and radiators, (<i>KNX</i>) CC-02	CM2N3874	X	X					
RXB39.1	Room controllers for fan coil systems (<i>KNX</i>) FC-13	CA2N3875			X				
RXL21.1, RXL22.1 *)	Room controllers for fan coil systems and radiators, <i>proprietary communication</i> , FC-10-11-12	CM2N3877			X				
RXL24.1 *)	Room controller for chilled ceilings and radiators, <i>proprietary communications</i> , CC-02	CM2N3878	X	X					
RXL39.1 *)	Room-Controller for fan coil systems (<i>KNX</i>) FC-13	CM2N3876			X				
DESIGO RXC room controllers with LONWORKS® bus communications									
RXC10	Room controller in room-style housing for CLC, RAD and VAV systems (supply or extract air)	CA2N3830	X	X		X			
RXC20, RXC21, RXC22	Room controllers for fan coil systems, chilled ceilings and radiators	CA2N3834	X	X	X				
RXC30	Room controller for radiators and chilled ceilings with lighting control	CA2N3840		X				X	
RXC31	Room controller for VAV systems (supply or extract air)	CA2N3844				X	X	X	
RXC32	Room controller for VAV systems (supply air, with built-in pressure sensor)	CA2N3845				X			
RXC34 *)	Room controller (basic module) for the control of fume hoods in laboratory rooms	CA2N3847							X
RXC34/ALG *)	Controller with LonWorks® interface, freely programmable, in particular for laboratory rooms	CM2N3848							X
RXC38 *)	Room controller for special applications (Any standard application can be used as a basis)	CM2N3841							
RXC39	Room-Controller for fan coil systems	CM2N3856			(X)				
RXC40 *)	Extension module for RXC30, RXC31 and RXC39, for lighting control	CA2N3842		(X)		(X)		X	
RXC41 *)	Extension module for RXC30, RXC31 and RXC39, for blind control	CA2N3843		(X)		(X)		X	
Integration interfaces, commissioning and service aids									
PXX-L11, PXX-L12 (V4)	Extension modules (in conjunction with PXC00....D)	(for 60, 120 RXC)	CM1N9282						
PXC....D, PXC...-E.D	Automation stations, modular series		CM1N9222						
PXR11, PXR12 (V2.37) *)	System controllers	(for 60, 120 RXC)	CA1N9235						
NIDES.RX *)	LON/LonMark Interface for integration in Unigr, Visonik, and Integral	(for RXC)	CA1N3299						
RXT10.3 *)	Commissioning and service tool (Software) incl. CD-ROM	(for RXC)	CA110669						
RXT10.5	Commissioning and service tool (Software) incl. CD-R	(for RXC, for Desigo V5.1-SP and later)	CA110658						
RXT20.1	Service terminal for RXB / RXL and RXC	(for RXB / RXL and RXC)	CA2N3851						
QAX34.3	Commissioning tool for RXB / RXL	(for RXB / RXL)	CA2N1640						

*) Product phased out

Device		Documentation ↓
NIEIBV2 (<i>Old</i>)	EIB communication interface (NOT for KNX)	CA2N9732
PX KNX	System controller PXC00-U + PXA30-K11 *) System-Controller PXC001	(for RXB / RXL) CM1N9280 + CA1N9221 (für RXB / RXL) CM1N9223
OCI700.1 *)	ACS System operating software and service interface OCI700	(for RXB / RXL) CE1N5655
OCI702	ACS System operating software V10 and later plus service interface OCI702 with built-in KNX bus power supply	(for RXB / RXL) A6V10438951
ETS3, ETS4	EIB / KNX Tool Software (supplied by: EIBA Brussels, www.eiba.com)	(for RXB) ----

DESIGO RX room operation

QAX30.1	Room unit with temperature sensor	CA2N1741
QAX31.1	Room unit with temperature sensor and setpoint adjustment	CA2N1741
QAX32.1	Room unit with temperature sensor, setpoint adjustment and ⏻/Auto switch	CA2N1641
QAX33.1	Room unit with temperature sensor, setpoint adjustment and ⏻/Auto / Fan speed switch	CA2N1642
QAX34.1 *)	Room unit with temp. sensor, setpoint adjustment, ⏻/Auto / Fan speed switch and LCD display	CA2N1645
QAX34.2 (OEM)	Room unit with temp. sensor, setpoint adjustment, ⏻/Auto / Fan speed switch and LCD display	CA2N1647
QAX34.3	Room unit with temp. sensor, setpoint adjustment, ⏻/Auto / Fan speed switch and LCD display. With HandyTool functionality for RXB and RXL	CA2N1640
QAX39.1	Universal setpoint adjuster	CA2N1646
QAX50, QAX51 *)	Flexible room unit with temperature sensor, setpoint adjustment, ⏻/Auto / Fan speed switch, LCD display and rocker switches for lighting and blinds (RXC only, communication LONWORKS®)	CA2N1648
QAX60.1, QAX61.1 (<i>Old</i>)	License for Intranet room operation (10 rooms) with software (DESIGO V1 only!)	CA2B3807
QAX84.1/PPS2 QAZ84.1, RXZ80.1/PPS2	Flush-mounted room unit with temp. sensor, setpoint adjustment, ⏻/Auto / Fan speed switch and LCD display	CA2N1649
QAX90.1 *)	Wireless room unit with temperature sensor	CA2N1643
QAX91.1 *)	Wireless room unit with temperature sensor and setpoint adjustment	CA2N1643
RXZ90.1 *)	Receiver for wireless room units, with PPS" interface	CA2N1644
QAX95.1, QAX96.1 (<i>replaced</i>)	Wireless and batteryless room units with EnOcean interface	CM2N1660
QAX95.4, QAX96.4, QAX97.4, QAX98.4	Wireless and batteryless room units with EnOcean interface	CM2N1663
RXZ95.1/LON	Gateway EnOcean–LonWorks	CM2N1661
RXZ97.1/KNX	Gateway EnOcean–KNX	CM2N1662
QAA29.01/ALG *)	Room unit with temp. sensor, setpoint adjustment and fan speed switch	(without PPS2, for RXA) CE1N1723
QAA29.11/ALG *)	Room unit with temperature sensor and setpoint adjustment	(without PPS2, for RXA) CE1N1723
QAA24	Room unit with temperature sensor	(without PPS2, for RXA) CM1N1721
QAA27	Room unit with temperature sensor and setpoint adjustment	(without PPS2, for RXA) CM1N1721
BSGN-U1	Universal setpoint adjuster	(without PPS2, for RXA) CA1N1985
BSG21.5 *)	Universal setpoint adjuster	(without PPS2, for RXA) CE1N1991

*) Product phased out

Device	Suitable for →		RAD	CLC	FNC	VAV	FPB	INT ^{*)}	LAB
	Documentation ↓								

*) INT: see CLC and. VAV as suitable

Sensors

Temperature sensors LG-Ni 1000

QAM2120.040	Duct temperature sensor (40 cm)	Replaces QAM22	CE1N1761				X		X
QAM2120.200	Duct temperature sensor (200 cm)	Replaces QAM22.2	CE1N1761				X		X
QAM2120.600	Duct temperature sensor (600 cm)	Replaces QAM22.6	CE1N1761				X		X
QAM22 (replaced)	Duct temperature sensor		CM1N1771				X		X
QAP22	Cable temperature sensor		CM1N1831	X	X	X	X	X	
QAA24	Room temperature sensor		CM1N1721	X	X	X	X	X	
QAT22	Window temperature sensor (for special RXC applications only)		CE1N1830						
AQR2500N.. & AQR2531ANW	Flush mount room temperature sensor	new	CE1N1410	X	X	X	X	X	

Air quality sensors room

QPA1000	VOC sensor		CM1N1961				X		
AQR2547N.. & AQR2530NNW	Flush mount VOC sensor	new	CE1N1410				X		
QPA2000	CO ₂ sensor	Replaces QPA63.1	CM1N1961				X		
AQR2546N.. & AQR2530NNW	Flush mount CO ₂ sensor	new	CE1N1410				X		
QPA2002	CO ₂ / VOC sensor	Replaces QPA63.1 + AQP63.1	CM1N1961				X		
QPA2002D	CO ₂ / VOC sensor with Display	Replaces QPA63.2 + AQP63.1	CM1N1961				X		
QPA2060, QPA2060D	CO ₂ / T Sensor (...D with Display)	new	CM1N1961				X		
AQR2546N.. & AQR2532NNW	Flush mount CO ₂ / T sensor	new	CE1N1410				X		
QPA2080, QPA2080D	CO ₂ / T Sens. passive LG-Ni1000 (...D with Display)	new	CM1N1961				X		
AQR2546N.. & AQR2534NNW	Flush mount CO ₂ / CO ₂ / T sens. passive LG-Ni1000	new	CE1N1410				X		

Air quality sensors duct

QPM1100	VOC	new	CM1N1962				X		
QPM2100	CO ₂ sensor	Replaces QPA63.1 + ARG64	CM1N1962				X		
QPM2102, QPM2102D	CO ₂ / VOC sensor (...D with Display)	Replaces QPA63.1 + AQP63.1 + ARG64	CM1N1962				X		
QPM2160, QPM2160D	CO ₂ / T sensor (...D with Display)	new	CM1N1962				X		
QPM2180	CO ₂ / T sensor passive LG-Ni1000	new	CM1N1962				X		
ARG64 (replaced)	Duct mounting accessory set						X		
QPA63... (replaced)	CO ₂ / VOC sensor		CM1N1958				X		


Device	Suitable for →		RAD	CLC	FNC	VAV	FPB	INT *)	LAB
	Documentation ↓								
<i>Dew point sensor</i>									
QXA2100 / S55770-T375	Condensation monitor with integrated sensor head, for mounting on surfaces, AC 24 V, Switching point 95% r.h.	A6V10741072		X					
QXA2101 / S55770-T367	Condensation monitor with remote sensor head, for mounting on surfaces, AC 230 V, Switching point 95% r.h.	A6V10741072		X					
AQX2000 *)	AC 230 V extension module for QXA210x → Workaround: Use an external relay	A6V10741072							
QXA2601 / S55770-T325 *)	Condensation monitor, for mounting on pipes, AC 24 V	CB1N3302		X					
QXA2602 / S55770-T326 *)	Condensation monitor with remote sensor head, for mounting on surfaces, AC 24 V	CB1N3302		X					
QXA2603 / S55770-T327 *)	Condensation monitor, for mounting on pipes, AC 230 V	CB1N3302		X					
QXA2604 / S55770-T328 *)	Condensation monitor with remote sensor head, for mounting on surfaces, AC 230 V	CB1N3302		X					
QXA2000 / AQX2000	Condensation detector / Supply unit (replaced by QXA2603)	CM1N1542		X					
QXA2001 / AQX2000	Condensation Monitor with offset sensor head / power supply (replaced by QXA2604)	CM1N1542		X					
<i>Differential pressure sensors</i>									
QBM2030	Differential pressure sensor with linear characteristic	<i>Replaces QBM62.2..</i>	CE1N1916			X	X		
QBM3020	Differential pressure sensor with linear / extracting-the-root characteristic	<i>Replaces. QBM65-... and QBM65.2-...</i>	CA1N1910			X	X		
QBM3020...D	Differential pressure sensor with linear characteristic and display	<i>Replaces QBM65.1-...</i>	CA1N1910			X	X		
QBM3120, QBM3120...D	As QBM3020...; output signal 4 ... 20 mA	<i>Replaces. QBM65.2-...</i>	CA1N1910			X	X		
QBM40..	As QBM3020..., with calibration certificate	<i>Replaces QBM65-.../C</i>	CE1N1919			X	X		
QBM41..	As QBM3120..., with calibration certificate4 ... 20 mA	<i>Replaces QBM75-.../C</i>	CE1N1919			X	X		
QBM81-...	Differential pressure switch		CA1N1552			X	X		
QBM62.1.. *)	Differential pressure sensor with extracting-the-root characteristic		CM1N1913			X	X		
QBM62.2.. *)	Differential pressure sensor with linear characteristic		CM1N1914			X	X		

*) INT: see CLC and. VAV as suitable

***) Product phased out**

The following products have been deleted from the list: **QAP21.1; AQP63.1 and QFX21**

Valves and actuators AC 24 V

 Caution!	<p>Actuators and valves → refer to the table on the last page and folding leaflet "Leporello", Z-B01350501EN</p> <ul style="list-style-type: none"> The thread of all the actuators is such that they can be fitted to both "push-to-open" and "pull-to-open" valves. However, RX applications do not support inverse control. In other words "pull-to-open" valves may be fitted only with pull-action actuators, and "push-to-open" valves only with push-action actuators. This means that the valve / actuator assemblies in all RX applications are always closed when de-energized. <p>Parallel operation of thermic actuators:</p> <ul style="list-style-type: none"> Irrespective of the manufacturer, the configuration should be "3rd party thermic".
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Device	Suitable for →	Documentation ↓	RAD	CLC	FNC	VAV	FPB	Valves	Remarks							
Actuators, 3-position, thermic																
STA73PR100 STA72E <i>(replaced by STA73...)</i>	Thermic actuator, AC 24 V, 100 N, for radiator valves, for parallel operation Pluggable cable to be ordered separately							STA73PR100	Pull-to-open actuator	CE1N4884						
								STA72E	Pull-to-open actuator	CE1N4875						
								VDN.., VEN..	Radiator valves	CE1N2105, CE1N2106	X	o				
								VUN..	Radiator valves	CE1N2106	X	o				
								VPD.., VPE..	MiniCombi valves	CE1N2185	X	o				
								VD..CLC	High flow rate	CE1N2103	o	X				
								VD..,VE...	Radiator valves	CE1N2161	o	o				
								VU..	Radiator valves	CE1N2163	o	o				
	VD..., VE..., VU... replaced by VDN.., VEN.., VUN..															
STP73PR100 STP72E <i>(replaced by STP73...)</i>	Thermic actuator, AC 24 V, 100N, for small valves, for parallel operation Pluggable cable to be ordered separately							STP73PR100	Push-to-open actuator	CE1N4884						
								STP72..	Push-to-open actuator	CE1N4876						
								V..P47..	Small valves up to 4 m ³ /h	CA1N4847		X	X	X		
								V..P47..S	Small valves up to 4 m ³ /h, Conex	CA1N4850		X	X	X		
								2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o		
STA71, STA71E, STE71.1 <i>(replaced by STA73)</i>	Thermic actuator, AC 24 V, 105 N, for radiator valves							STA71..	Pull-to-open actuator	CE1N4877						
								STE71.1	Pull-to-open actuator	CA1N4874						
								VD..,VE...	Radiatorventile	CE1N2161	o	o				
								VU..	Radiatorventile	CE1N2163	o	o				
STP71 ,STP71E <i>(replaced by STP73)</i>	Thermic actuator, AC 24 V, 105 N, for small valves							STP71 ,STP71E	Push-to-open actuator	CE1N4878						
								V..P47..	Small valves	CA1N4847			o	o		
								V..P47..S	Small valves, Conex	CA1N4850			o	o		
								2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o		
STE72 (Old)	Thermic actuator, AC 24 V, 125 N, for small valves							STE72	Push-to-open actuator	CA1N4873						
								2W..., 4W..., 5W..	with adapter AL100	CE1N4846			o	o		
2W.., 4W.., 5W.. (Old)	Fixed combination valve + actuator							2W..., 4W..., 5W..	Fixed combination	CE1N4846						

Key

- X Preferred solution
 - o Admitted solution (eventually with restrictions) → consider only if X is not feasible.
- Details see table "Suitable valve actuators", see page 12

Device		Suitable for →	RAD	CLC	FNC	VAV	FPB	
		Documentation ↓						
Actuators, 3-position, motoric		Valves	Remarks					
SSA81... Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 100 N, M30 x 1.5 <i>VD..., VE..., VU... replaced by VDN..., VEN..., VUN..</i>		SSA..	Pull-to-open actuator	CE1N4893				
		VDN..., VEN..	Radiator valves	CE1N2105, CE1N2106	X	o		
		VUN..	Radiator valves	CE1N2106	X	o		
		VPD..., VPE..	MiniCombi valves	CE1N2185	X	o		
		VD..CLC	High flow rate	CE1N2103	o	X		
		VD...,VE...,	Radiator valves	CE1N2161	o	o		
		VU..	Radiator valves	CE1N2163	o	o		
SSP81... Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 160 N, M30 x 1.5		SSP..	Push-to-open actuator	CA1N4864				
		V..P47..	Small valves up to 4 m ³ /h	CA1N4847		X	X	X
		V..P47..S	Small valves up to 4 m ³ /h, CONEX compression fittings	CA1N4850		X	X	X
SSP81.04	as SSP81 , but 43 sec running time (instead of 150 sec)	2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o
SSB81... Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm, 200 N, 3/4 "		SSB..	Push-to-open actuator	CA1N4891				
		V..P45..	up to 6.3 m ³ /h	CM1N4845		X	X	
		V..P45..S	up to 6.3 m ³ /h CONEX compression fittings	CM1N4845		X	X	
SSD81...	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm, 250 N M30 x 1.5	SSD..	Antrieb öffnet stossend	CA1N4861				
SSC81...	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm (self-calibrating), 300 N, 3/4 "	SSC..	Push-to-open actuator	CA1N4895				
AP562/02 (5WG1 562-7AB02, Gamma) <i>parameterized as pull-to-open</i>	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 120 N M30 x 1.5	V..P45..	over 6.3 m ³ /h	CM1N4845				
		AP562/02	Pull-to-open actuator	AP562/02				
		VDN..., VEN..	Radiator valves	CE1N2105, CE1N2106	X	o		
		VUN..	Radiator valves	CE1N2106	X	o		
		VPD..., VPE..	MiniCombi valves	CE1N2185	X	o		
		VD..CLC	High flow rate	CE1N2103	o	X		
		VD...,VE...,	Radiator valves	CE1N2161	o	o		
AP562/02 (5WG1 562-7AB02, Gamma) <i>parameterized as push-to-open</i>	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 120 N M30 x 1.5	VU..	Radiator valves	CE1N2163	o	o		
		AP562/02	Push-to-open actuator	AP562/02				
		V..P47..	Small valves up to 4 m ³ /h	CA1N4847		X	X	X
		V..P47..S	Small valves up to 4 m ³ /h, Conex	CA1N4850		X	X	X
SQS81 (Old)	Motoric actuator, nominal stroke 5,5 mm, 300 N, M30 x 1.5	2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o
		SQS81	Push-to-open actuator	CM1N4575				
		VMP43...	Small valves	CM1N4841		o	o	o

Key

X Preferred solution
o Admitted solution (eventually with restrictions) → consider only if X is not feasible.
Details see table "Suitable valve actuators"

Device (DC 0...10 V, with RX..39 only)		Suitable for →	RAD	CLC	FNC	VAV	FPB	
		Documentation ↓						
Actuators, 3-position, motoric, DC 0...10 V control		Valves	Remarks					
SSA61...	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 100 N, M30 x 1.5	SSA..	Pull-to-open actuator					
		VDN.., VEN..	Radiator valves	CE1N4893				
				CE1N2105, CE1N2106	X	o		
		VUN..	Radiator valves	CE1N2106	X	o		
		VPD.., VPE..	MiniCombi valves	CE1N2185	X	o		
		VD..CLC	High flow rate	CE1N2103	o	X		
		VD..,VE.., VU..	Radiator valves	CE1N2161	o	o		
	<i>VD..., VE..., VU... replaced by VDN.., VEN.., VUN..</i>	VU..	Radiator valves	CE1N2163	o	o		
SSP61...	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 160 N, M30 x 1.5	SSP..	Push-to-open actuator					
		V..P47..	Small valves up to 4 m ³ /h	CA1N4864				
		V..P47..S	Small valves up to 4 m ³ /h, CONEX compression fittings	CA1N4850		X	X	X
		2W.., 4W.., 5W..	with adapter AL100	CA1N4846			o	o
SSB61...	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm, 200 N, 3/4 "	SSB..	Push-to-open actuator					
		V..P45..	up to 6.3 m ³ /h	CA1N4891				
		V..P45..S	up to 6.3 m ³ /h, CONEX compression fittings	CM1N4845		X	X	
SSD61...	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm, 250 N, M30 x 1.5	SSD..	Antrieb öffnet stossend					
				CA1N4861				
SSC61...	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm (self-calibrating), 300 N, 3/4 "	SSC..	Push-to-open actuator					
		V..P45..	over 6.3 m ³ /h	CA1N4895				
				CM1N4845				

Key

X Preferred solution
o Admitted solution (eventually with restrictions) → consider only if X is not feasible.
Details see table "Suitable valve actuators"

Device	Suitable for Documentation	RAD	CLC	FNC	VAV	FPB	INT ^{*)}	LAB
Air damper actuators								
GDB131.1E / GLB131.1E	Rotary actuator, 5 Nm, AC 24 V, 3-position / DC 0...10 V S55499-D184 / S55499-D266 A6V10636149			X	X	X	X	
GDB161.1E / GLB161.1E	Rotary actuator, 10 Nm, AC 24 V, 3-position / DC 0...10 V S55499-D192 / S55499-D270 A6V10636202			X	X	X	X	
GDB131.1E / GLB131.1E	Rotary actuator, 5/10 Nm, AC 24 V, 3-position CM2N4634			X	X	X	X	
GDB161.1E / GLB161.1E	Rotary actuator, 5/10 Nm, DC 0 ... 10 V CM2N4634			X	X	X	X	
GEB131.1E	Rotary actuator, 15 Nm, AC 24 V, 3-position CM2N4621			X	X	X	X	
GEB161.1E	Rotary actuator, 15 Nm, AC 24 V, DC 0 ... 10 V CM2N4621			X	X	X	X	
GQD131.1A	Rotary actuator, 2 Nm, AC 24 V, 3-position, spring return for emergency position (power failure) CE1N4605			X				
GMA131.1E	Rotary actuator, 7 Nm, AC 24 V, 3-position, spring return for emergency position (power failure) CM2N4614			X				
GCA131.1E	Rotary actuator, 18 Nm, AC 24 V, 3-position, spring return for emergency position (power failure) CM2N4613			X				
GQD121.1A	Rotary actuator, 2 Nm, AC 24 V, 2-position, spring return for emergency position (power failure) (RXA) CE1N4605			X				
GMA121.1E	Rotary actuator, 7 Nm, AC 24 V, 2-position, spring return for emergency position (power failure) (RXA) CM2N4614			X				
GCA121.1E	Rotary actuator, 18 Nm, AC 24 V, 2-position, spring return for emergency position (power failure) (RXA) CM2N4613			X				
<i>VAV compact controller</i>								
GDB181.1E/3 / GLB181.1E/3	VAV Compact controllers, consisting of differential pressure sensor and configurable digital controller, rotary actuator, 5/10 Nm, AC 24 V, DC 0 ... 10 V / 3-position CM2N3544				X	X	X	X

*) INT: see CLC and. VAV as suitable

Accessories

RXZ01.1	LONWORKS® bus terminator 52.3 Ω	CA2N3861
RXZ02.1	LONWORKS® bus terminator 105 Ω	CA2N3861
RXZ03.1 *)	LONWORKS® point coupler (for Version 1 plants only) For Version 2 see Knowledge Base article Nr. 650	CA2N3849
RXZ10.1	Cable set for RXT10.3 see	CA110669
RXZ20.1	Terminal covers for RX...20.1, RX...21.1 and RX...22.1	
RXZ30.1	Terminal covers for RXC30.1	
RXZ40.1 *)	Terminal covers for RXC40.1 and RXC41.1	
SEA45.1	Current valve, AC 24 V, AC 24 V PWM, 0.4 ... 10 kW	CM1N4937
UA1T	Power amplifier for thermic valve actuators	CA2N3591
-----	Air filter for RXC32.1 controllers see	CA2N3845

Repeaters, routers, line couplers, bus supplies

See recommended devices on the intranet!

DESIGO RX, further documentation

Technical manual and applications library RXA	CA2A3889
Technical manual and applications library RXB (EIB) for CC-01, FC-06, VV-01	CA2A3899
Technical manual and applications library RXB (KNX) for CC-02, , FC-08, FC-09FC-10, FC-11, FC-12	CM110389
Technical manual and applications library RXL for CC-02, FC-10, FC-11, FC-12	CM110789
Applications library RXC V1	CA1Z3810
Applications library RXC V2	CA110300
Planning and installation manual RXC V1	CA1Z3800
Planning and installation manual RXC V2	CA110330

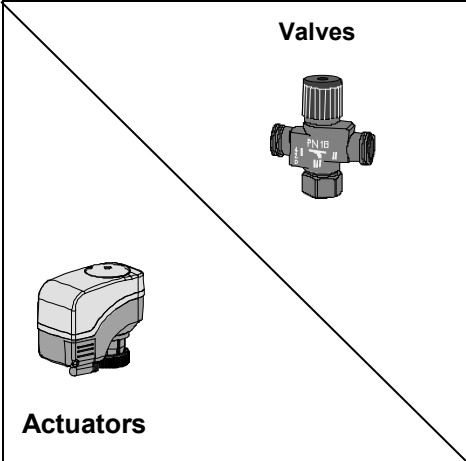













*) Product phased out

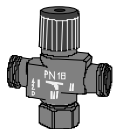
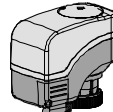












Suitable valve actuators for RXA, RXB, RXL, depending on controller type and application

	RXA										RXB (EIB)						RXB						RXL																																			
	FNC02	FNC02	FNC03	FNC04	FNC04	FNC05	FNC08	FNC10	FNC10	FNC12	FNC18	FNC18	FNC20	FNC20	CLC02	FNC02	FNC04	FNC08	FNC20	VAV01	FNC02	FNC03	FNC04	FNC05	FNC08	FNC20	RAD01	CLC01	CLC02	FNC02	FNC02	FNC03	FNC03	FNC04	FNC04	FNC05	FNC08	FNC08	FNC10	FNC12	FNC18	FNC20	RAD01	CLC01	CLC02	FNC02	FNC02	FNC03	FNC03	FNC04	FNC04	FNC05	FNC08	FNC08	FNC10	FNC12	FNC18	FNC20
Actuator type coil																																																										
STE71	♦																																																									
STE72	♦																																																									
STA71-STA72E / STA73	♦																																																									
SIP71-SIP72E / SIP73	●																																																									
3rd party thermic	♦																																																									
SQS81	♦																																																									
SSA81 (RX_39: SSA61)	♦																																																									
SSB81 (RX_39: SSA61)	♦																																																									
SSD81 (RX_39: SSA61)	x																																																									
SSC81	♦																																																									
SSP81 (RX_39: SSA61)	♦																																																									
Mobric bus	♦																																																									
3rd party motoric	♦																																																									
3rd party E. Mech	♦																																																									
Actuator type radiator																																																										
STE71																																																										
STE72																																																										
STA71-STA72E / STA73	♦																																																									
SIP71-SIP72E / SIP73	♦																																																									
3rd party thermic	♦																																																									
SQS81	♦																																																									
SSA81	♦																																																									
SSB81	♦																																																									
SSD81	x																																																									
SSC81	♦																																																									
SSP81	♦																																																									
Mobric bus	♦																																																									

- Key:**
- Recommended
 - ◆ Default in tools (but not recommended) (RXA: Only thermic or motoric can be set by means of DIP switches)
 - ♦ Selectable in tools (RXA: Only thermic or motoric can be set by means of DIP switches)
 - x Not selectable in tools → select 3rd party motoric
 - ~~STE71~~ Discontinued

Actuators and valves

		Radiator valves	Small valves			Combi valves			Old valves	
		VDN..., VEN..., VUN... Pull 	V...P45.. ≤ 6.3 m³/h Push Equal % 0.25...25 m³/h 	V..P47.. V..P47..S Push, Linear 0.25...4 m³/h 	VD..CLC Pull, for chilled ceiling 1.4 ... 2.6 m³/h 	VPI45..., VPI45...Q Push, Linear 90...3'000 l/h 	VPI46..., VPI46...Q Pull, Linear 30...1330 l/h ²⁾ 	VPD..., VPE... Pull, for chilled ceiling 25...485 l/h 	VMP43. (Old) Push -	2W, 3W, 4W (Old) Push -
Thermic	STA73PR00 Pull 100 N 	X			X		X	X		
	STP73PR00 Push 100 N 			X						+ AL100 
Motoric	SSA81... SSA61... Pull 100 N 	X		NOT!	X		X	X		
	SSB81 SSB61 Push 200 N 		X						X	
	SSD81 SSD61 Push 250 N 					X	X			

Valves  Actuators 		Radiator valves	Small valves			Combi valves			Old valves	
		VDN..., VEN..., VUN... Pull 	V...P45.. ≤ 6.3 m ³ /h Push Equal % 0.25...25 m ³ /h 	V..P47.. V..P47..S Push, Linear 0.25...4 m ³ /h 	VD..CLC Pull, for chilled ceiling 1.4 ... 2.6 m ³ /h 	VPI45..., VPI45...Q Push, Linear 90...3'000 l/h 	VPI46..., VPI46...Q Pull, Linear 30...1330 l/h ²⁾ 	VPD..., VPE... Pull, for chilled ceiling 25...485 l/h 	VMP43. (Old) Push -	2W, 3W, 4W (Old) Push -
Motoric	SSC81 SSC61 Push 300 N 		X						X	
	SSP81.. SSP61.. Push 160 N 			X						+ AL100 
	AP562/02 (5WG1 562-7AB02) *) Push / Pull 120 N KNX S-Mode 	X Set actuator to Pull!		X Set actuator to Push!	X Set actuator to Pull!		X Set actuator to Pull!	X Set actuator to Pull!		
SQS81... (Old)								X		
STA71 (...E) (Old)	X			X						
STA72E (Old)	X			X						
STE71.1 (Old)										
STP71 (...E) (Old)			X						+ AL100 ¹⁾ 	
STP72E (Old)			X						T..W	
STE72 (Old)			X							

*) Order number: Gamma ¹⁾ Adapter AL100 available

²⁾ Combi valves VPI46... Calibration works only up to 1330 l/h (DN20). Use a spacer sleeve dia 3.2/5.5 mm, 6 mm height, for DN 25 and DN 32. The full stroke can still be achieved, and 120 N force suffices for DN 25 and DN 32..

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