

**Integration Engineering Accessories**

**DESIGO RXA**  
Without bus communications

Without PPS2

RXA29.1  
RXA20.1  
RXA21.1  
RXA22.1

**Integration Engineering Accessories**

**Room controllers**

**DESIGO RXB / RXL**  
KNX / EIB bus communications

OC700  
NIE1BV2  
PX KNX (PXC00-U + PXA30-K11)  
RXB10.1

Tool ETS3 Professional  
Tool ACS Service

RXL21.1  
RXL22.1  
RXL24.1  
RXL39.1

RXB21.1  
RXB22.1  
RXB24.1  
RXB39.1

QAX34.3 / Handy/Tool  
RXZ97.1 / KNX

**Room controllers**

**Integration Engineering Accessories**

**DESIGO RXC**  
LONWORKS bus communications

PXX-Lxx + PXC00...D  
Tool RXT10.3  
RXZ03.1  
RXZ95.1 / LONWORKS  
RXZ10.1  
RXC10  
RXC20  
RXC21  
RXC22  
RXC30  
RXC31  
RXC32  
RXC34  
RXC38  
RXC39

**Integration Engineering Accessories**

**Room units**

**Room units without PPS2 for RXA**

BSGN-U1 QAA24 QAA27 QAA29.01/ ALG QAA29.11/ ALG

**EnOcean-Room units**

enOcean  
QAX95.1 QAX96.1 QAX95.4 QAX96.4 QAX97.4 QAX98.4

**Room units with PPS2**

RXZ90.1 PPS2  
Wireless room units  
QAX39.1 QAX30.1 QAX31.1 QAX32.1 QAX33.1 QAX34.1 QAX34.3 QAX84.1/ PPS2 QAX90.1 QAX91.1

**Flexible room unit (communications LONWORKS)**

QAX50  
QAX51

**Room units**

**Actuators**

Actuators for air dampers

GDB131.1E  
GLB131.1E  
GEB131.1E  
GEB161.1E  
GDB161.1E  
GLB161.1E

GDB121.1E  
GCA121.1E  
GCA131.1E

GMA121.1E  
GMA131.1E

GOD121.1A  
GQD131.1A

**Actuators for valves**

Motronic actuator  
Thermic actuator

SEA45.1  
Current valve

UA1T  
Power amplifier for thermic actuators

QBM65...  
QBM75...  
QBM66.2...  
Pressure / pressure difference

QXA2000  
Condensation

**Field devices**

GDB181.1E/3  
GLB181.1E/3

GDB181.1E/3  
GLB181.1E/3  
Radiator valves

GDB181.1E/3  
GLB181.1E/3  
Small valves

GDB181.1E/3  
GLB181.1E/3  
Combi valves

**Valves**

Actuators for valves

QAT22  
QAP22  
Temperature

QAA24  
QAM21...  
Temperature

3804-03en\_03

## Compatibility of devices, assortments, and applications

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

\*) Product phased out


Device		Documentation ↓
NIEIBV2 (Old)	EIB communication interface (NOT for KNX)	CA2N9732
PX KNX	System controller PXC00-U + PXA30-K11 (for RXB / RXL)	CM1N9280 + CA1N9221
OCI700.1	ACS System operating software and service interface OCI700 (for RXB / RXL)	CE1N5655
ETS3	EIB / KNX Tool Software (supplied by: EIBA Brussels, www.eiba.com) (for RXB)	----
<b>DESIGO RX room operation</b>		
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 (Old)	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	Wireless and batteryless room units with EnOcean interface	CM2N1660
QAX95.4, QAX96.4, QAX97.4, QAX98.4	<b>Wireless and batteryless room units with EnOcean interface</b>	<b>CM2N1663</b>
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

Device	Suitable for →		RAD	CLC	FNC	VAV	FPB	INT *)	LAB
	Documentation ↓								
<b>Sensors</b>									
<i>Temperature sensors LG-Ni 1000</i>									
<b>QAM2120.040</b>	Duct temperature sensor (40 cm)	Replaces QAM22	CE1N1761			X			X
<b>QAM2120.200</b>	Duct temperature sensor (200 cm)	Replaces QAM22.2	CE1N1761			X			X
<b>QAM2120.600</b>	Duct temperature sensor (600 cm)	Replaces QAM22.6	CE1N1761			X			X
<b>QAM22 (replaced)</b>	Duct temperature sensor		CM1N1771			X			X
<b>QAP22</b>	Cable temperature sensor		CM1N1831	X	X	X	X	X	
<b>QAA24</b>	Room temperature sensor		CM1N1721	X	X	X	X	X	
<b>QAT22</b>	Window temperature sensor (for special RXC applications only)		CE1N1830						
<i>Air quality sensors room</i>									
<b>QPA1000</b>	<b>VOC</b>	<b>new</b>	<b>CM1N1961</b>						
<b>QPA2000</b>	CO <sub>2</sub> sensor	Replaces QPA63.1	CM1N1961			X			
<b>QPA2002</b>	CO <sub>2</sub> / VOC sensor	Replaces QPA63.1 + AQP63.1	CM1N1961			X			
<b>QPA2002D</b>	CO <sub>2</sub> / VOC sensor with Display	Replaces QPA63.2 + AQP63.1	CM1N1961			X			
<b>QPA2060, QPA2060D</b>	CO <sub>2</sub> / T Sensor (...D with Display)	new	CM1N1961						
<b>QPA2080, QPA2080D</b>	<b>CO<sub>2</sub> / T Sens. passiv LG-Ni1000 (...D with Display)</b>	<b>new</b>	<b>CM1N1961</b>						
<i>Air quality sensors duct</i>									
<b>QPM1100</b>	<b>VOC</b>	<b>new</b>	<b>CM1N1962</b>						
<b>QPM2100</b>	CO <sub>2</sub> sensor	Replaces QPA63.1 + ARG64	CM1N1962			X			
<b>QPM2102, QPM2102D</b>	CO <sub>2</sub> / VOC sensor (...D with Display)	Replaces QPA63.1 + AQP63.1 + ARG64	CM1N1962			X			
<b>QPM2160, QPM2160D</b>	CO <sub>2</sub> / T sensor (...D with Display)	new	CM1N1962			X			
<b>QPM2180</b>	<b>CO<sub>2</sub> / T sensor passiv LG-Ni1000</b>	<b>new</b>	<b>CM1N1962</b>						
<b>ARG64 (replaced)</b>	Duct mounting accessory set					X			
<b>QPA63... (replaced)</b>	CO <sub>2</sub> / VOC sensor		CM1N1958			X			
<i>Dew point sensor</i>									
<b>QXA2000 / AQX2000</b>	Condensation detector / Supply unit		CM1N1542		X				
<b>QXA2001 / AQX2000</b>	<b>Condensation Monitor with offset sensor head / power supply</b>		<b>CM1N1542</b>		X				
<i>Differential pressure sensors</i>									
<b>QBM66.2..</b>	Differential pressure sensor with linear characteristic	Replaces QBM62.2..	CM1N1910			X	X		
<b>QBM65-...</b>	Differential pressure sensor with linear characteristic	Replaces QBM62.2..	<b>CM1N1916</b>			X	X		
<b>QBM65.1-...</b>	Differential pressure sensor with linear characteristic and display		<b>CM1N1916</b>			X	X		
<b>QBM65.2-...</b>	Differential pressure sensor with extracting-the-root characteristic	Replaces QBM62.1..	CA1N1916			X	X		
<b>QBM65-.../C</b>	As QBM65..., with calibration certificate		CA1N1919			X	X		
<b>QBM75-.../C</b>	As QBM65-.../C, output signal 4 ... 20 mA		CA1N1919			X	X		
<b>QBM81-...</b>	Differential pressure switch		CA1N1552			X	X		
<b>QBM62.1.. (Replaced)</b>	Differential pressure sensor with extracting-the-root characteristic		CM1N1913			X	X		
<b>QBM62.2.. (Replaced)</b>	Differential pressure sensor with linear characteristic		CM1N1914			X	X		

\*) INT: see CLC and. VAV as suitable

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

## Valves and actuators AC 24 V

 <b>Caution!</b>	<p><b>Actuators and valves</b> → refer to the table on the last page and folding leaflet "Leporello", Z-B01350501EN</p> <ul style="list-style-type: none"> <li>The thread of all the actuators is such that they can be fitted to both "push-to-open" and "pull-to-open" valves.</li> <li>However, <b>RX applications do not support inverse control</b>. 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.</li> <li>This means that the valve / actuator assemblies in all RX applications are <b>always closed when de-energized</b>.</li> </ul> <p><b>Parallel operation of thermic actuators:</b></p> <ul style="list-style-type: none"> <li>Irrespective of the manufacturer, the configuration should be "3rd party thermic".</li> </ul>
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Device		Suitable for →		RAD	CLC	FNC	VAV	FPB
<i>Actuators, 3-position, thermic</i>		Valves	Remarks					
<b>STA72E</b> Thermic actuator, AC 24 V, 105 N, for radiator valves <b>pluggable cable (with optional LED display)</b>	<i>VD..., VE..., VU... replaced by VDN..., VEN..., VUN..</i>	<b>STA72E</b>	<b>Pull-to-open actuator</b>	<b>CE1N4875</b>				
		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		
<b>STP72E</b> Thermic actuator, AC 24 V, 105N, for small valves <b>pluggable cable (with optional LED display)</b>		<b>STP72..</b>	<b>Push-to-open actuator</b>	<b>CE1N4876</b>				
		V..P47..	Small valves up to 4 m <sup>3</sup> /h	CA1N4847		X	X	X
		V..P47..S	Small valves up to 4 m <sup>3</sup> /h, Konnex	CA1N4850		X	X	X
		2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o
<b>STA71, STA71E, STE71.1</b> <i>(abgelöst durch STA72E)</i>	Thermic actuator, AC 24 V, 105 N, for radiator valves	<b>STA71..</b>	<b>Pull-to-open actuator</b>	<b>CE1N4877</b>				
		<b>STE71.1</b>	<b>Pull-to-open actuator</b>	<b>CA1N4874</b>				
		VD..,VE..,	Radiatorventile	CE1N2161	o	o		
		VU..	Radiatorventile	CE1N2163	o	o		
<b>STP71 ,STP71E</b> <i>(abgelöst durch STP72E)</i>	Thermic actuator, AC 24 V, 105 N, for small valves	<b>STP71 ,STP71E</b>	<b>Push-to-open actuator</b>	<b>CE1N4878</b>				
		V..P47..	Small valves	CA1N4847			o	o
		V..P47..S	Small valves, Konnex	CA1N4850			o	o
		2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o
<b>STE72 (Old)</b>	Thermic actuator, AC 24 V, 125 N, for small valves	<b>STE72</b>	<b>Push-to-open actuator</b>	<b>CA1N4873</b>				
		2W..., 4W..., 5W..	with adapter AL100	CE1N4846			o	o
<b>2W..., 4W..., 5W.. (Old)</b>	Fixed combination valve + actuator	2W..., 4W..., 5W..	Fixed combination	CE1N4846			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			Suitable for →	RAD	CLC	FNC	VAV	FPB
			Documentation ↓					
<i>Actuators, 3-position, motoric</i>		Valves	Remarks					
<b>SSA81...</b>	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 100 N, M30 x 1.5	<b>SSA..</b>	<b>Pull-to-open actuator</b>	<b>CE1N4893</b>				
		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		
	<i>VD..., VE..., VU... replaced by VDN..., VEN..., VUN..</i>	VD...,VE..	Radiator valves	CE1N2161	o	o		
		VU..	Radiator valves	CE1N2163	o	o		
<b>SSP81...</b>	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 160 N, M30 x 1.5	<b>SSP..</b>	<b>Push-to-open actuator</b>	<b>CA1N4864</b>				
		V..P47..	Small valves up to 4 m³/h	CA1N4847		X	X	X
<b>SSP81.04</b>	as <b>SSP81</b> , but 43 sec running time (instead of 150 sec)	V..P47..S	Small valves up to 4 m³/h, <b>CONEX compression fittings</b>	CA1N4850		X	X	X
		2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o
<b>SSB81...</b>	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm, 200 N, 3/4 "	<b>SSB..</b>	<b>Push-to-open actuator</b>	<b>CA1N4891</b>				
		V..P45..	up to 6.3 m³/h	CM1N4845		X	X	
		V..P45..S	up to 6.3 m³/h <b>CONEX compression fittings</b>	CM1N4845		X	X	
<b>SSD81...</b>	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm, 250 N, M30 x 1.5	<b>SSD..</b>	<b>Antrieb öffnet stossend</b>	<b>CA1N4861</b>				
<b>SSC81...</b>	Motoric actuator, AC 24 V, 3P, nominal stroke 5,5 mm (self-calibrating), 300 N, 3/4 "	<b>SSC..</b>	<b>Push-to-open actuator</b>	<b>CA1N4895</b>				
		V..P45..	over 6.3 m³/h	CM1N4845				
<b>SSP51KNX</b> <i>parameterized as pull-to-open</i> (introduction 2010> Alternative: KNX actuators by Theben)	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 120 N, M30 x 1.5	<b>SSP51KNX</b>	<b>Pull-to-open actuator</b>	CE1N4866				
		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		
<b>SSP51KNX</b> <i>parameterized as push-to-open</i> (introduction 2010> Alternative: KNX actuators by Theben)	Motoric actuator, AC 24 V, 3P, nominal stroke 2,5 mm, 120 N, M30 x 1.5	<b>SSP51KNX</b>	<b>Push-to-open actuator</b>	CE1N4866				
		V..P47..	Small valves up to 4 m³/h	CA1N4847		X	X	X
		V..P47..S	Small valves up to 4 m³/h, Konnex	CA1N4850		X	X	X
		2W..., 4W..., 5W..	with adapter AL100	CA1N4846			o	o
<b>SQS81 (Old)</b>	Motoric actuator, nominal stroke 5,5 mm, 300 N, M30 x 1.5	<b>SQS81</b>	<b>Push-to-open actuator</b>	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	Suitable for →	Documentation ↓	RAD	CLC	FNC	VAV	FPB	INT *)	LAB
<b>Air damper actuators</b>									
<b>GDB131.1E / GLB131.1E</b>	Rotary actuator, 5/10 Nm, AC 24 V, 3-position	CM2N4634			X	X	X	X	
<b>GDB161.1E / GLB161.1E</b>	Rotary actuator, 5/10 Nm, DC 0 ... 10 V	CM2N4634				X	X	X	
<b>GEB131.1E</b>	Rotary actuator, 15 Nm, AC 24 V, 3-position	CM2N4621			X	X	X	X	
<b>GEB161.1E</b>	Rotary actuator, 15 Nm, AC 24 V, DC 0 ... 10 V	CM2N4621				X	X	X	
<b>GQD131.1A</b>	Rotary actuator, 2 Nm, AC 24 V, 3-position, spring return for emergency position (power failure)	CE1N4605			X				
<b>GMA131.1E</b>	Rotary actuator, 7 Nm, AC 24 V, 3-position, spring return for emergency position (power failure)	CM2N4614			X				
<b>GCA131.1E</b>	Rotary actuator, 18 Nm, AC 24 V, 3-position, spring return for emergency position (power failure)	CM2N4613			X				
<b>GQD121.1A</b>	Rotary actuator, 2 Nm, AC 24 V, 2-position, spring return for emergency position (power failure) (RXA)	CE1N4605			X				
<b>GMA121.1E</b>	Rotary actuator, 7 Nm, AC 24 V, 2-position, spring return for emergency position (power failure) (RXA)	CM2N4614			X				
<b>GCA121.1E</b>	Rotary actuator, 18 Nm, AC 24 V, 2-position, spring return for emergency position (power failure) (RXA)	CM2N4613			X				
<i>VAV compact controller</i>									
<b>GDB181.1E/3 / GLB181.1E/3</b>	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

<b>RXZ01.1</b>	LONWORKS® bus terminator 52.3 Ω	CA2N3861
<b>RXZ02.1</b>	LONWORKS® bus terminator 105 Ω	CA2N3861
<b>RXZ03.1 (discontinued)</b>	LONWORKS® point coupler (for Version 1 plants only) For Version 2 see <a href="#">Knowledge Base article Nr. 650</a>	CA2N3849
<b>RXZ10.1</b>	Cable set for RXT10.3	see CA110669
<b>RXZ20.1</b>	Terminal covers for RX...20.1, RX...21.1 and RX...22.1	
<b>RXZ30.1</b>	Terminal covers for RXC30.1	
<b>RXZ40.1</b>	Terminal covers for RXC40.1 and RXC41.1	
<b>SEA45.1</b>	Current valve, AC 24 V, AC 24 V PWM, 0.4 ... 10 kW	CM1N4937
<b>UA1T</b>	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





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

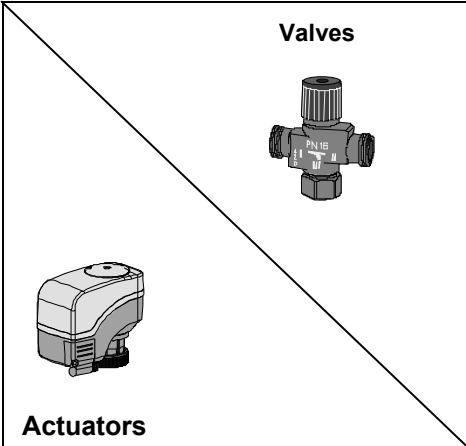







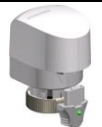





	RXA		RXB (EIB)		RXB (KNX)		RXB (KNX)		RXL	
	FNC02	FNC02	CLC02	FNC02	FNC03	FNC04	RAD01	CLC01	CLC02	RAD01
	20	21 / 29	10 CC-01	21 FC-06	22 FC-08	21 FC-09	24 CC-02	24 CC-02	24 CC-02	24 CC-02
	FNC03	FNC04		FNC04	FNC05	FNC08	FNC02	FNC03	FNC04	FNC05
	22	20		21 FC-06	22 FC-08	21 FC-09	FNC03	FNC04	FNC05	FNC08
	FNC04	FNC05		FNC08	FNC08	FNC08	FNC04	FNC05	FNC08	FNC10
	21 / 29	21 / 29		21 FC-06	21 FC-09	21 FC-09	FNC05	FNC08	FNC10	FNC12
	FNC05	FNC08		FNC20	FNC20	FNC20	FNC08	FNC10	FNC12	FNC18
	20	21 / 29		21 FC-06	21 FC-09	21 FC-09	FNC10	FNC12	FNC18	FNC20
	FNC08	FNC10		FNC20	FNC20	FNC20	FNC12	FNC18	FNC20	FNC20
	20	21 / 29		VAV01			FNC18	FNC20		
	FNC10	FNC12					FNC20			
	FNC12	FNC18								
	20	21 / 29								
	FNC18	FNC20								
	21 / 29	21 / 29								
	FNC20	FNC20								
	21 / 29	21 / 29								
Actuator types Fancoil										
STE71	♦	♦		♦	♦	♦				
STE72	♦	♦		♦	♦	♦				
STA71 STA72E	♦	♦		♦	♦	♦				
STP71 STP72E	●	●		●	●	●				
3rd party thermic	♦	♦		♦	♦	♦				
SQS81	♦	♦		♦	♦	♦				
SSA81	♦	♦		♦	♦	♦				
SSB81	♦	♦		♦	♦	♦				
SSD81	x	x		x	x	x				
SSC81										
SSP81	♦	♦		♦	♦	♦				
Motoric bus										
3rd party motoric	♦	♦		♦	♦	♦				
3rd party El.Mech										
Actuator types heating / cooling surface										
STE71							♦			♦
STE72							♦			♦
STA71 STA72E							●			●
STP71 STP72E							♦			♦
3rd party thermic										
SQS81										
SSA81										
SSB81										
SSD81							x			x
SSC81										
SSP81										
Motoric bus										
3rd party motoric										
3rd party El.Mech										

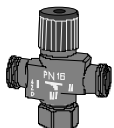
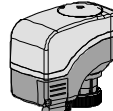












**Key:**

- Discontinued
- Recommended
- ◆ Default in tools (but not recommended)
- ♦ Selectable in tools
- x Not selectable in tools → select 3rd party motoric

(RXA: Only thermic or motoric can be set by means of DIP switches)  
(RXA: Only thermic or motoric can be set by means of DIP switches)

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  	VPD..., VPE...  Pull, for chilled ceiling 25...485 l/h  	VMP43. (Old)  Push  -	2W, 3W, 4W (Old)  Push  -
Thermic	STA72E Pull 105 N  	X			X		X	X		
	STP72E Push 105 N  			X						+ AL100 
Motoric	SSA81... Pull 100 N  	X		Not!	X		X	X		
	SSB81 Push 200 N  		X						X	
	SSD81 Push 250 N  					X	X			

Valves 		Radiator valves	Small valves			Combi valves			Old valves	
			VDN..., VEN..., VUN...	V...P45.. ≤ 6.3 m <sup>3</sup> /h	V..P47.. V..P47..S	VD..CLC	VPI45..., VPI45...Q	VPI46..., VPI46...Q	VPD..., VPE...	VMP43. (Old)
Actuators 		Pull 	Push Equal % 0.25...25 m <sup>3</sup> /h 	Push, Linear 0.25...4 m <sup>3</sup> /h 	Pull, for chilled ceiling 1.4 ... 2.6 m <sup>3</sup> /h 	Push, Linear 90...3'000 l/h 	Pull, Linear 30...1330 l/h 	Pull, for chilled ceiling 25...485 l/h 	Push	Push
Motoric	SSC81 Push 300 N 		X						X	
	SSP81.. Push 160 N 			X						+ AL100 
	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!	X Set actuator to Pull!	X Set actuator to Pull!		
	SQS81... (Old)								X	
	STA71(..E) (Old)	X			X					
	STE71.1 (Old)	X			X					
	STP71(..E) (Old)			X						+ AL100 <sup>1</sup> 
	STE72 (Old)			X						T..W

\*) Order number: Siemens ET

<sup>1</sup> Adapter AL100 available

