


Obj.	Object name	Function	Type / Length	Flags	Devices						
					QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37
Room temperature sensor											
1	Room Temperature [°C]	Temperature value in °C	9.001 2 bytes	CRT	X	X	X	X	X	X	X
Provides the room temperature value from the integrated sensor. Value of the outside temperature sensor: See object 53.											
Must be placed in a group address to display the value on the display.											
Room temperature controller											
2	Room temp. controller operating mode	HVAC control type (0 = Auto, 1 = Heating, 3 = Cooling, 6 = Off)	20.105 1 byte	CRWU	X	X	X	X	X	X	X
In the operating mode "Auto", the controller independently changes over between heating and cooling mode. But only either the cooling or heating mode is always active. If the object room temperature controller is enabled, the operating mode can changeover between "Off" (Obj. 3 = 0) and "Auto" (Obj. 3 = 1). The standard operating mode is "Auto".											
3	Enable room temperature controller	Controller on = 1 / off = 0	1.003 1 bit	CRWU	X	X	X	X	X	X	X
The operating mode switches to "Auto" if the room temperature controller is enabled (1 = Controller on). The operating mode switches to "Off" when switching off (0 = Controller off). The default value is controller on = 1.											
4	Room temperature setpoint while cooling	Cooling temp. setpoint in °C	9.001 2 bytes	CRWU	X	X	X	X	X	X	X
5	Room temperature setpoint while heating	Heating temp. setpoint in °C	9.001 2 bytes	CRWU	X	X	X	X	X	X	X
The setpoints for cooling and heating mode do not lock out each other. In operating mode "Auto", for cooling setpoint < heating setpoint, the heating mode is nevertheless active. The controller's comfort setpoints can be adjusted over the bus using these objects. As long as no other values are received by the bus or adjusted on the device with display, the received setpoints of objects 4 and 5 apply. Objects 4 and 5 act directly on the internal controller. The display on the device does not change! In other words, you can adjust the active cooling setpoint as desired using object 4 (without limiting by the heating setpoint) without this being visible on the display. The display for setpoint and operating mode remain unchanged. Object 4 is once again overwritten if something is adjusted on the device (setpoint and operating mode). In other words, you can influence the controller for short periods using both objects.											
6	Control value cooling - cont	(0..100%)	5.001 1 byte	CRT	X	X	X	X	X	X	X
7	Control value heating - cont	(0..100%)	5.001 1 byte	CRT	X	X	X	X	X	X	X
8	Control value cooling - on/off	On/Off	1.001 1 bit	CRT	X	X	X	X	X	X	X
9	Control value heating - on/off	On/Off	1.001 1 bit	CRT	X	X	X	X	X	X	X
The parameters Heating/cooling type adapt the controller to the heating type. In addition, the controller knows two control algorithms, one for modulating mode (0..100%) and one for PWM mode (on/off). The parameter "Positioning signal type" selects the mode. The positioning signal type is the same for all operating mode. In modulating mode (Obj. 6, 7), for a modulating positioning signal ≠ 0, the applicable, associated PWM output is "on".											
In PWM mode (Obj. 8, 9 as well as Obj. 6, 7), the cycle time and pulse length is adapted to the type of heating, the setpoint, and the measured room temperature. The minimum cycle is 12 minutes; the minimum pulse length 4 minutes. The modulating positioning signal outputs values 0% or 100% in this operating mode.											

Obj.	Object name	Function	Type / Length	Flags	Devices						
					QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37
Room temperature setpoint, operating modes, window state, occupancy											
10	Room temperature: Setpoint absolute [°C]		9.001 2 bytes	CRWU	X	X	X			X	
(corresponds to object 55 for units with display)											
11	Room temperature: Setpoint relative [K]		9.002 2 bytes	CWU	X	X	X			X	
(corresponds to object 56 for units with display)											
12	Room temperature: Setpoints heating		222.100 6 bytes	CRWU	X	X	X	X	X	X	
This is a setpoint set. It can be used to adjust all heating setpoints (Comfort, Precomfort and Eco)											
13	Room temperature: Setpoints cooling		222.100 6 bytes	CRWU	X	X	X	X	X	X	
This is a setpoint set. It can be used to adjust all cooling setpoints (Comfort, Precomfort and Eco)											
14	Room operating mode: Time switch	1 = Comfort, 2 = Precomfort, 3 = Eco, 4 = Protection	20.102 1 byte	CRWU	X	X	X	X	X	X	
The controller operating mode must be set to Auto to receive operating modes from a time switch over the bus. The operating mode Auto remains until overwritten by another object (15 or 58).											
15	Room operating mode: Preselection	0 = Auto, 1 = Comfort, 2 = Precomfort, 3 = Eco, 4 = Protection	20.102 1 byte	CRWU	X	X	X			X	
Room operating mode is received over the bus. (corresponds to object 58 for units with display)											
16	Room operating mode: State	1 = Comfort, 2 = Precomfort, 3 = Eco, 4 = Protection	20.102 1 byte	CRT	X	X	X	X	X	X	
Room operating mode is provided to the bus.											
17	Comfort mode: Timer button	Activate comfort extension	1.017 1 bit	CW	X	X	X	X	X	X	
The extension time can be configured. Units with display: Must be placed in a group address to display operation/symbol on the display.											
18	State window 1 (1=open / 0=close)	1 = Open / 0 = Closed	1.019 1 bit	CRWU	X	X	X	X	X	X	
19	State window 2 (1=open / 0=close)	1 = Open / 0 = Closed	1.019 1 bit	CRWU	X	X	X	X	X	X	
20	State window 3 (1=open / 0=close)	1 = Open / 0 = Closed	1.019 1 bit	CRWU	X	X	X	X	X	X	
21	State window 4 (1=open / 0=close)	1 = Open / 0 = Closed	1.019 1 bit	CRWU	X	X	X	X	X	X	
These objects available only when PID control is enabled. Units with display: Objects must be placed in a group address to display open window symbol on the display.											
22	Presence state	0 = non-occupancy / 1 = occupancy	1.018 1 bit	CRWU	X	X	X	X	X	X	
Receives the occupancy state over the bus, e.g. from a presence detector.											
23	Room temperature: Setpoint Heating [°C]		9.001 2 bytes	CRT	X	X	X	X	X	X	
The active heating setpoint can be read over the bus with object 23. Note: The Precomfort setpoint is adjusted if the comfort setpoint, visible on the display (visible setpoint -3 K), is adjusted below the Precomfort setpoint. The internal setpoints (Heating Comfort, Heating Precomfort, Heating Eco) can be adjusted via bus using objects 160, 161 and 162, or using object set 12											
24	Room temperature: Setpoint Cooling [°C]		9.001 2 bytes	CRT	X	X	X	X	X	X	
The active cooling setpoint can be read over the bus with object 24. Note: The Precomfort setpoint is adjusted if the comfort setpoint, visible on the display (visible setpoint +3 K), is adjusted above the Precomfort setpoint. The internal setpoints (Cooling Comfort, Cooling Precomfort, Cooling Eco) can be adjusted via bus using objects 163, 164 and 165, or using object set 13											
160	Room temperature: Economy heating setpoint	Temperature (°C)	9.001 2 bytes	CWU	X	X	X	X	X	X	
The initial Economy heating setpoint is adjusted via bus using this object. These objects (160...165) must be activated in ETS: Room temperature control --> "Room temperature setpoints as communication objects"											
161	Room temperature: Precomfort heating setpoint	Temperature (°C)	9.001 2 bytes	CWU	X	X	X	X	X	X	
The initial Precomfort heating setpoint is adjusted via bus using this object. See also object 160.											
162	Room temperature: Comfort heating setpoint	Temperature (°C)	9.001 2 bytes	CWU	X	X	X	X	X	X	
The initial Comfort heating setpoint is adjusted via bus using this object. See also object 160.											
163	Room temperature: Comfort cooling setpoint	Temperature (°C)	9.001 2 bytes	CWU	X	X	X	X	X	X	
The initial Comfort cooling setpoint is adjusted via bus using this object. See also object 160.											
164	Room temperature: Precomfort cooling setpoint	Temperature (°C)	9.001 2 bytes	CWU	X	X	X	X	X	X	
The initial Precomfort cooling setpoint is adjusted via bus using this object. See also object 160.											
165	Room temperature: Economy cooling setpoint	Temperature (°C)	9.001 2 bytes	CWU	X	X	X	X	X	X	
The initial Economy cooling setpoint is adjusted via bus using this object. See also object 160.											

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				QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37
Room humidity sensor										
25	Room relative humidity [%]	relative room humidity in %	9.007 2 bytes	CRWU	X	X		X		
Provides the room humidity value from the integrated sensor. Units with display: Must be placed in a group address to display operation/symbol on the display. External room humidity sensor values, see object 70 External outside humidity sensor values, see object 69										
Room humidity control										
26	Switching point r.h. - stage 1	relative humidity in %	9.007 2 bytes	CRWU	X	X	X	X	X	X
27	Switching point r.h. - stage 2	relative humidity in %	9.007 2 bytes	CRWU	X	X	X	X	X	X
28	Switching point r.h. - stage 3	relative humidity in %	9.007 2 bytes	CRWU	X	X	X	X	X	X
The configured default switching points apply as long as no value is received from the bus.										
29	Control value r.h. cont. - manual setp.	Setpoint in 0 to 100%	5.001 1 byte	CRWU	X	X	X	X	X	X
In manual mode (obj. 30, 1=Manual), a setpoint is received via this object and outputted directly as modulating positioning signal (object 36).										
30	Control value r.h. cont. - manual mode	Manual/Auto mode	1.003 1 bit	CRWU	X	X	X	X	X	X
Changing over to the manual mode permits receipt of a manual setpoint (Obj. 29) for the modulating positioning signal (Obj. 36). Otherwise, the configured positioning signals for the applicable stage are outputted.										
31	Enable room r.h. controller	On/Off	1.003 1 bit	CRWU	X	X	X	X	X	X
All controller outputs are switched off upon receipt of "Controller off". The controller remains disabled until "Controller on" is received. The default value is controller on = 1.										
32	Override room r.h. controller	Ventilation (Boost) on/off	1.003 1 bit	CRWU	X	X	X	X	X	X
For controller override, the stage defined in the parameter "Stage is overridden" is enabled. Objects 33, 34, 35 assume only the value "1=On" for the corresponding object; the other two objects the value "0 = Off". The modulating positioning signal (obj. 36) outputs the value configured for the applicable stage. Override has the highest priority. The default state is "Normal".										
33	Control value r.h. stage 1 - on/off	1 = On / 0 = Off	1.001 1 bit	CRT	X	X	X	X	X	X
34	Control value r.h. stage 2 - on/off	2 = On/0 = Off	1.001 1 bit	CRT	X	X	X	X	X	X
35	Control value r.h. stage 3 - on/off	3 = On/0 = Off	1.001 1 bit	CRT	X	X	X	X	X	X
The stage belonging to positioning signal r.h. is switched on if room humidity overrides a switching point r.h. The positioning signal r.h. is switched off again for room humidity < switching r.h. - hysteresis.					<p>The diagram shows three horizontal axes representing the On/Off state of three stages (1, 2, and 3) over time. The x-axis is labeled 'ppm CO2 [% r.H.]' and has three vertical dashed lines indicating 'Switching point stage 1', 'Switching point stage 2', and 'Switching point stage 3'. A horizontal dashed line indicates 'Hysteresis'. Stage 1 is On from the start until the first switching point, then Off until the hysteresis level is reached, then On again until the second switching point. Stage 2 is On from the second switching point until the third switching point, then Off until the hysteresis level is reached, then On again until the third switching point. Stage 3 is On from the third switching point until the end of the diagram. The y-axis is labeled 'On' and 'Off'.</p>					
36	Control value r.h. - cont	0 - 100%	5.001 1 byte	CRT	X	X	X	X	X	X
The positioning signal configured for the stage is outputted if room humidity overrides a switching point r.h. The positioning signal once again outputs the value of the next smaller stage, for room humidity < switching r.h. - Hysteresis.					<p>The diagram shows a single horizontal axis representing the 'Pos., signal modulating' output over time. The x-axis is labeled 'ppm CO2 [% r.H.]' and has three vertical dashed lines indicating 'Switching point stage 1', 'Switching point stage 2', and 'Switching point stage 3'. A horizontal dashed line indicates 'Hysteresis'. The output signal is 0 until the first switching point, then jumps to the value of stage 1 until the hysteresis level is reached, then jumps to the value of stage 2 until the second switching point, then jumps to the value of stage 3 until the third switching point, and finally jumps to the value of stage 3 until the end of the diagram. The y-axis is labeled 'Pos. signal stage 3', 'Pos. signal stage 2', 'Pos. signal stage 1', and 'Pos. Sig. Stage 0'.</p>					

Obj. Object name	Function	Type / Length	Flags	Devices							
				QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37	
Room air quality sensor											
38	CO ₂ concentration [ppm]	CO ₂ -Concentration in the room in ppm	9.008 2 bytes	CRWU			X		X		
Provides the CO ₂ value from the integrated sensor. Units with display: Must be placed in a group address to display operation/symbol display. External CO ₂ room sensor, see object 73											
Room air quality control											
39	Switching point CO ₂ - stage 1	CO ₂ concentration in ppm	9.008 2 bytes	CRWU	X	X	X	X	X	X	
40	Switching point CO ₂ - stage 2	CO ₂ concentration in ppm	9.008 2 bytes	CRWU	X	X	X	X	X	X	
41	Switching point CO ₂ - stage 3	CO ₂ concentration in ppm	9.008 2 bytes	CRWU	X	X	X	X	X	X	
The configured default switching points apply as long as no value is received from the bus.											
42	Control value CO ₂ cont. - manual setp.	Setpoint in ppm	5.001 1 byte	CRWU	X	X	X	X	X	X	
In manual mode (obj. 43, 1=Manual), a setpoint is received via this object and outputted directly as modulating positioning signal (object 49).											
43	Control value CO ₂ cont. - manual mode	Manual/Auto mode	1.003 1 bit	CRWU	X	X	X	X	X	X	
Changing over to the manual mode permits receipt of a manual setpoint (Obj. 42) for the modulating positioning signal (Obj. 49). Otherwise, the configured positioning signals for the applicable stage are outputted.											
44	Enable room air quality controller	On/Off	1.003 1 bit	CRWU	X	X	X	X	X	X	
All controller outputs are switched off upon receipt of "Controller off". The controller remains disabled until "Controller on" is received. The default value is controller on = 1.											
45	Override room air quality controller	Ventilation (Boost) on/off	1.003 1 bit	CRWU	X	X	X	X	X	X	
For controller override, the stage defined in the parameter "Stage is overridden" is enabled. Objects 46, 47, 48 assume only the value "1=On" for the corresponding object; the other two objects the value "0 = Off". The modulating positioning signal (obj. 49) outputs the value configured for the applicable stage. Override has the highest priority. The default state is "Normal".											
46	Control value CO ₂ stage 1 - on/off	1 = On / 0 = Off	1.001 1 bit	CRT	X	X	X	X	X	X	
47	Control value CO ₂ stage 2 - on/off	1 = On / 0 = Off	1.001 1 bit	CRT	X	X	X	X	X	X	
48	Control value CO ₂ stage 3 - on/off	1 = On / 0 = Off	1.001 1 bit	CRT	X	X	X	X	X	X	
The positioning signal CO ₂ belonging to the stage is switched on if the CO ₂ concentration exceeds the switching point CO ₂ . The positioning signal CO ₂ is switched off again for CO ₂ concentration < switching point CO ₂ - hysteresis.											
49	Control value CO ₂ - cont	0-100%	5.001 1 byte	CRT	X	X	X	X	X	X	
The positioning signal configured to the state is outputted if CO ₂ concentration exceeds a switching point CO ₂ . The positioning signal once again outputs the value of the next smaller stage, CO ₂ concentration < switching point CO ₂ - hysteresis.											
50	Control value CO ₂ / r.h. max.- cont.	0 to 100%	5.001 1 byte	CRT	X	X	X	X	X	X	
This object outputs the greater value for obj. 36 and obj. 49.											
QMX3.P70 Air quality LED indicator											
51	Air quality: Enable LED indication	1 = On / 0 = Off	1.003 1 bit	CRWU			X				
This object switches on and off the LED display on the QMX3.P70.											

Obj. Object name	Function	Type / Length	Flags	Devices						
				QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37
HMI displays and operation of values and functions										
53	Outside temperature [°C] External outside temperature sensor value Units with display: Must be placed in a group address to display the value.	Display outside temperature (°C)	9.001 2 bytes	CWU			X	X		X
55	Room temperature: Setpoint absolute [°C]		9.001 2 bytes	CRWTU			X	X		X
56	Room temperature: Setpoint relative [K] Comfort setting that can be edited on the display Units with display: Must be placed in a group address to display the value.		9.002 2 bytes	CWTA			X	X		X
58	Room operating mode: Preselection Displays the room operating mode that can be changed on the display (Auto-Comfort-Precomfort-Eco-Protection). The present operating mode is displayed in AUTO mode. Units with display: Must be placed in a group address to display the value.		20.102 1 byte	CRWTU			X	X		X
62	Window State This object displays the state of a window contact for disabled PID control. For enabled PID control, see objects 18, 19, 20, 21.		1.019 1 bit	CWU			X	X		X
63	Presencen button Display and manual entry on display for occupancy and non-occupancy. Units with display: Must be placed in a group address to display symbols.		1.001 1 bit	CRWTU			X	X		X
65	Fan speed: Preselection [%]		5.001 1 byte	CRWTU			X	X		X
66	Fan operation (0 = Auto / 1 = Manual) (0=Auto / 1=Manual)		1.003 1 bit	CRWTU			X	X		X
67	Fan speed [%] Object 65 displays the fan speed that can be changed on the display or bus. Obj. 66 displays the fan operating mode that can be changed on the display or bus. Obj. 67 displays the actual fan speed as reported to the bus by the actuator/controller. Units with display: Objects must be placed in a group address to display symbols.		5.001 1 byte	CWU			X	X		X
68	Controller mode (heating/cooling/off) Displays present controller state (heating or cooling) with symbols. No symbol is displayed in the off state. Units with display: Must be placed in a group address to display symbols.		20.105 1 byte	CWU			X	X		X
69	Outside relative humidity [%]		9.007 2 bytes	CWU			X	X		X
70	Room relative humidity [%] These objects display values from external sensors (room/outside) on the display. Units with display: Must be placed in a group address to display the values. Note: The internal humidity sensor value is communicated via object 25; QMX3.P74.	% r.h.	9.007 2 bytes	CWU			X			X
71	Room relative humidity: Setpoint [%] Display and operate the room humidity setpoint on the display. Units with display: Must be placed in a group address to display the values. This overrides switching point r.h. - stage 1 (object 26).	% r.h.	9.007 2 bytes	CRWTU			X	X		X
73	Room CO ₂ concentration [ppm] Displays the value of an external room CO ₂ sensor on the display. Units with display: Must be placed in a group address to display the values. Note: The value of the internal room CO ₂ sensor is communicated via object 38; QMX3.P74	0 - 2000 ppm / symbol / text	9.008 2 bytes	CWU			X			X
74	Room CO ₂ concentration: Setpoint [ppm] Display and operate the room CO ₂ concentration setpoint on the display. Units with display: Must be placed in a group address to display the values. Overrides switching point CO ₂ - stage 1 (object 26).	ppm	9.008 2 bytes	CRWTU			X	X		X
75	HVAC operation: Lock Lock or enable all 8 operating buttons for the display via the bus. The following symbol is displayed: A locked lock. The buttons for lighting, blinds, and scenes are always enabled (QMX3.P37 and QMX3.P02).		1.011 1 bit	CRWU			X	X		X

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				QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37
Function button pair, button 1										
80	Button A1: switching on / off	1.001 1 bit	CWT						X	X
81	Button A1: send value	5.001 1 byte	CT						X	X
82	Button A1, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
83	Button A1: send value 2	5.001 1 byte	CT						X	X
84	Button A1: switching on / off	1.001 1 bit	CWT						X	X
85	Button A1: dimming brighter / darker	3.007 4 bit	CT						X	X
86	Button A1: blind up / down	1.008 1 bit	CT						X	X
87	Button A1: slats stop / open / close	1.007 1 bit	CT						X	X
88	Button A1: 8-bit scene recall / save	18.001 1 byte	CT						X	X
89	Status LED A1 on / off	1.001 1 bit	CRWU						X	X
Function button pair, button 2										
90	Button A2: switching on / off	1.001 1 bit	CWT						X	X
91	Button A2: send value	5.001 1 byte	CT						X	X
92	Button A2, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
93	Button A2: send value 2	5.001 1 byte	CT						X	X
94	Button A2: switching on / off	1.001 1 bit	CWT						X	X
95	Button A2: dimming brighter / darker	3.007 4 bit	CT						X	X
96	Button A2: blind up / down	1.008 1 bit	CT						X	X
97	Button A2: slats stop / open / close	1.007 1 bit	CT						X	X
98	Button A2: 8-bit scene recall / save	18.001 1 byte	CT						X	X
99	Status LED A2 on / off	1.001 1 bit	CRWU						X	X
Function button pair 2, button 1										
100	Button B1: switching on / off	1.001 1 bit	CWT						X	X
101	Button B1: send value	5.001 1 byte	CT						X	X
102	Button B1, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
103	Button B1: send value 2	5.001 1 byte	CT						X	X
104	Button B1: switching on / off	1.001 1 bit	CWT						X	X
105	Button B1: dimming brighter / darker	3.007 4 bit	CT						X	X
106	Button B1: blind up / down	1.008 1 bit	CT						X	X
107	Button B1: slats stop / open / close	1.007 1 bit	CT						X	X
108	Button B1: 8-bit scene recall / save	18.001 1 byte	CT						X	X
109	Status LED B1 on / off	1.001 1 bit	CRWU						X	X

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				QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37
Function button pair 2, button 2										
110	Button B2: switching on / off	1.001 1 bit	CWT						X	X
111	Button B2: send value	5.001 1 byte	CT						X	X
112	Button B2, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
113	Button B2: send value 2	5.001 1 byte	CT						X	X
114	Button B2: switching on / off	1.001 1 bit	CWT						X	X
115	Button B2: dimming brighter / darker	3.007 4 bit	CT						X	X
116	Button B2: blind up / down	1.008 1 bit	CT						X	X
117	Button B2: slats stop / open / close	1.007 1 bit	CT						X	X
118	Button B2: 8-bit scene recall / save	18.001 1 byte	CT						X	X
119	Status LED B2 on / off	1.001 1 bit	CRWU						X	X
Function button pair 3, button 1										
120	Button C1: switching on / off	1.001 1 bit	CWT						X	X
121	Button C1: send value	5.001 1 byte	CT						X	X
122	Button C1, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
123	Button C1: send value 2	5.001 1 byte	CT						X	X
124	Button C1: switching on / off	1.001 1 bit	CWT						X	X
125	Button C1: dimming brighter / darker	3.007 4 bit	CT						X	X
126	Button C1: blind up / down	1.008 1 bit	CT						X	X
127	Button C1: slats stop / open / close	1.007 1 bit	CT						X	X
128	Button C1: 8-bit scene recall / save	18.001 1 byte	CT						X	X
129	Status LED C1 on / off	1.001 1 bit	CRWU						X	X
Function button pair 3, button 2										
130	Button C2: switching on / off	1.001 1 bit	CWT						X	X
131	Button C2: send value	5.001 1 byte	CT						X	X
132	Button C2, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
133	Button C2: send value 2	5.001 1 byte	CT						X	X
134	Button C2: switching on / off	1.001 1 bit	CWT						X	X
135	Button C2: dimming brighter / darker	3.007 4 bit	CT						X	X
136	Button C2: blind up / down	1.008 1 bit	CT						X	X
137	Button C2: slats stop / open / close	1.007 1 bit	CT						X	X
138	Button C2: 8-bit scene recall / save	18.001 1 byte	CT						X	X
139	Status LED C2 on / off	1.001 1 bit	CRWU						X	X

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				QMX3.P30	QMX3.P40	QMX3.P70	QMX3.P34	QMX3.P74	QMX3.P02	QMX3.P37
Function button pair 4, button 1										
140	Button D1: switching on / off	1.001 1 bit	CWT						X	X
141	Button D1: send value	5.001 1 byte	CT						X	X
142	Button D1, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
143	Button D1: send value 2	5.001 1 byte	CT						X	X
144	Button D1: switching on / off	1.001 1 bit	CWT						X	X
145	Button D1: dimming brighter / darker	3.007 4 bit	CT						X	X
146	Button D1: blind up / down	1.008 1 bit	CT						X	X
147	Button D1: slats stop / open / close	1.007 1 bit	CT						X	X
148	Button D1: 8-bit scene recall / save	18.001 1 byte	CT						X	X
149	Status LED D1 on / off	1.001 1 bit	CRWU						X	X
Function button pair 4, button 2										
150	Button D2: switching on / off	1.001 1 bit	CWT						X	X
151	Button D2: send value	5.001 1 byte	CT						X	X
152	Button D2, 2nd obj.: switching on / off	1.001 1 bit	CWT						X	X
153	Button D2: send value 2	5.001 1 byte	CT						X	X
154	Button D2: switching on / off	1.001 1 bit	CWT						X	X
155	Button D2: dimming brighter / darker	3.007 4 bit	CT						X	X
156	Button D2: blind up / down	1.008 1 bit	CT						X	X
157	Button D2: slats stop / open / close	1.007 1 bit	CT						X	X
158	Button D2: 8-bit scene recall / save	18.001 1 byte	CT						X	X
159	Status LED D2 on / off	1.001 1 bit	CRWU						X	X