BX8 KNX

Blind Control Extension

Item number 71240

elsner

Manual

This manual is amended periodically and will be brought into line with new software releases. The change status (software version and date) can be found in the contents footer. If you have a device with a later software version, please check **www.elsner-elektronik.de** in the menu area "Service" to find out whether a more up-to-date version of the manual is available.

Clarification of signs used in this manual

Safety advice.

Safety advice for working on electrical connections, components, etc.

DANGER! ... indicates an immediately hazardous situation which will lead to death or severe injuries if it is not avoided.

WARNING! ... indicates a potentially hazardous situation which may lead to death or severe injuries if it is not avoided.

CAUTION! ... indicates a potentially hazardous situation which may lead to trivial or minor injuries if it is not avoided.

ATTENTION! ... indicates a situation which may lead to damage to property if it is not avoided.

ETS In the ETS tables, the parameter default settings are marked by underlining.

1. Safety and operating instructions

Installation, testing, operational start-up and troubleshooting should only be performed by a qualified electrician.

CAUTION!
Live voltage!

- Inspect the device for damage before installation. Only put undamaged devices into operation.
- Comply with the locally applicable directives, regulations and provisions for electrical installation.
- Immediately take the device or system out of service and secure it against unintentional switch-on if risk-free operation is no longer guaranteed.

Use the device exclusively for building automation and observe the operating instructions. Improper use, modifications to the device or failure to observe the operating instructions will invalidate any warranty or guarantee claims.
Operate the device only as a fixed-site installation, i.e. only in assembled condition and after conclusion of all installation and operational start-up tasks, and only in the surroundings designated for it.
Elsner Elektronik is not liable for any changes in norms and standards which may occur after publication of these operating instructions.

For information on installation, maintenance, disposal, scope of delivery and technical data, please refer to the installation instructions.

2. Description

The BX8 KNX DIN rail mounting module for Blind Control Extension takes over the automation of the sun protection in the KNX bus system. The device offers extensive customisation options for the building situation and shading type, e.g. facade alignment and slat width. Up to eight facades can be controlled according to brightness and the position of the sun. Both the slats and the shadow edge can be adjusted according to the position of the sun. Rain, wind and temperature (inside/outside) can also be taken into account and global radiation values integrated.

Event-driven, calendar-based and weekly timer functions round off the automation.

The corresponding weather, time and location data must be available on the bus system, e.g. via a weather station.

Both push-buttons for switching or for controlling drives, as well as encoders and scenes, can be integrated into the KNX system via nine digital inputs.

Functions:

- **Shade control** for up to 8 façades with slat tracking and shadow edge tracking
- **Event, weekly and calendar time switch**: All time switch outputs can be used as communication objects.
  The **event timer** has 8 events. Each event can be configured either as an output or as an input. If the event is an output, then the switching time is set per parameter or per communication object.
  The **weekly time switch** has 24 periods. Each period can be configured either as an output or as an input. If the period is an output, then the switching time is set per parameter or per communication object.
  The **calendar time switch** has 4 periods. Two on/off switching operations, which are executed daily, can be set for each period
- **9 inputs** for binary contacts

3. Commissioning

Configuration is made using the KNX software as of ETS 5. The **product file** can be downloaded from the ETS online catalogue and the Elsner Elektronik website on **www.elsner-elektronik.de**.

After the bus voltage has been applied, the device will enter an initialisation phase lasting a few seconds. During this phase no information can be received or sent via the bus.

3.1. Addressing the equipment

The equipment is delivered with the physical address 15.15.255. This can be changed via the ETS. The device has a button and a control LED for this.

3.2. Monitor safety functions

For KNX devices with safety functions (e.g. wind or rain lock), a cyclical monitoring of the safety objects must be established. Ideally, the ratio is 1:3 (example: if **BX8 KNX** sends a value every 5 minutes, the monitoring time in the actuator should be set to 15 minutes).

4. Transmission protocol

Units:

Temperatures in degrees Celsius
Brightness in lux
Wind in metres per second
Azimuth and elevation in degrees

4.1. List of all communications objects

Abbreviations Flags:

C Communication
R Read
W Write
T Transfer
U Update

No	Text	Function	Flags	DPT type	Size
1	General (output)	Software version	C-WT-	[217.1] DPT_Version	2 Bytes
2	General (input)	Reset	-RW--	[1.17] DPT_Trigger	1 Bit
3	General (input)	Time	-RW--	[10.1] DPT_TimeOfDay	3 Bytes
4	General (input)	Date	-RW--	[11.1] DPT_Date	3 Bytes
5	General (input)	Date and time	-RW--	[19.1] DPT_DateTime	8 Bytes
6	General (output)	Request date and time	--WT-	[1.17] DPT_Trigger	1 Bit
10	Input 1 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
11	Input 1 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
12	Input 1 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
13	Input 2 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
14	Input 2 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
15	Input 2 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
16	Input 3 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
17	Input 3 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
18	Input 3 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit

No	Text	Function	Flags	DPT type	Size
19	Input 4 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
20	Input 4 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
21	Input 4 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
22	Input 5 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
23	Input 5 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
24	Input 5 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
25	Input 6 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
26	Input 6 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
27	Input 6 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
28	Input 7 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
29	Input 7 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
30	Input 7 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
31	Input 8 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
32	Input 8 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
33	Input 8 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
34	Input 9 (input/output)	MF1 InOut	CRWT-	depending on setting	2 Bytes
35	Input 9 (input/output)	MF2 InOut	CRWT-	depending on setting	1 Byte
36	Input 9 (input)	Blocking object	CRW--	[1.1] DPT_Switch	1 Bit
40	Event timer 01 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
41	Event timer 01 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
42	Event timer 01 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit
43	Event timer 02 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
44	Event timer 02 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
45	Event timer 02 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit

No	Text	Function	Flags	DPT type	Size
46	Event timer 03 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
47	Event timer 03 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
48	Event timer 03 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit
49	Event timer 04 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
50	Event timer 04 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
51	Event timer 04 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit
52	Event timer 05 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
53	Event timer 05 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
54	Event timer 05 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit
55	Event timer 06 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
56	Event timer 06 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
57	Event timer 06 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit
58	Event timer 07 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
59	Event timer 07 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
60	Event timer 07 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit
61	Event timer 08 (input/output)	Time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
62	Event timer 08 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
63	Event timer 08 (output)	Trigger	--WT-	[1.17] DPT_Trigger	1 Bit
64	Weekly time switch 01 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes

No	Text	Function	Flags	DPT type	Size
65	Weekly time switch 01 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
66	Weekly time switch 01 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
67	Weekly time switch 01 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
68	Weekly time switch 02 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
69	Weekly time switch 02 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
70	Weekly time switch 02 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
71	Weekly time switch 02 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
72	Weekly time switch 03 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
73	Weekly time switch 03 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
74	Weekly time switch 03 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
75	Weekly time switch 03 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
76	Weekly time switch 04 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
77	Weekly time switch 04 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
78	Weekly time switch 04 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
79	Weekly time switch 04 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
80	Weekly time switch 05 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
81	Weekly time switch 05 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
82	Weekly time switch 05 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
83	Weekly time switch 05 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
84	Weekly time switch 06 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes

No	Text	Function	Flags	DPT type	Size
85	Weekly time switch 06 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
86	Weekly time switch 06 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
87	Weekly time switch 06 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
88	Weekly time switch 07 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
89	Weekly time switch 07 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
90	Weekly time switch 07 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
91	Weekly time switch 07 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
92	Weekly time switch 08 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
93	Weekly time switch 08 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
94	Weekly time switch 08 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
95	Weekly time switch 08 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
96	Weekly time switch 09 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
97	Weekly time switch 09 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
98	Weekly time switch 09 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
99	Weekly time switch 09 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
100	Weekly time switch 10 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
101	Weekly time switch 10 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
102	Weekly time switch 10 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
103	Weekly time switch 10 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
104	Weekly time switch 11 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes

No	Text	Function	Flags	DPT type	Size
105	Weekly time switch 11 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
106	Weekly time switch 11 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
107	Weekly time switch 11 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
108	Weekly time switch 12 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
109	Weekly time switch 12 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
110	Weekly time switch 12 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
111	Weekly time switch 12 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
112	Weekly time switch 13 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
113	Weekly time switch 13 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
114	Weekly time switch 13 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
115	Weekly time switch 13 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
116	Weekly time switch 14 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
117	Weekly time switch 14 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
118	Weekly time switch 14 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
119	Weekly time switch 14 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
120	Weekly time switch 15 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
121	Weekly time switch 15 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
122	Weekly time switch 15 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
123	Weekly time switch 15 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
124	Weekly time switch 16 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes

No	Text	Function	Flags	DPT type	Size
125	Weekly time switch 16 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
126	Weekly time switch 16 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
127	Weekly time switch 16 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
128	Weekly time switch 17 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
129	Weekly time switch 17 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
130	Weekly time switch 17 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
131	Weekly time switch 17 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
132	Weekly time switch 18 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
133	Weekly time switch 18 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
134	Weekly time switch 18 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
135	Weekly time switch 18 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
136	Weekly time switch 19 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
137	Weekly time switch 19 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
138	Weekly time switch 19 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
139	Weekly time switch 19 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
140	Weekly time switch 20 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
141	Weekly time switch 20 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
142	Weekly time switch 20 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
143	Weekly time switch 20 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
144	Weekly time switch 21 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes

No	Text	Function	Flags	DPT type	Size
145	Weekly time switch 21 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
146	Weekly time switch 21 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
147	Weekly time switch 21 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
148	Weekly time switch 22 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
149	Weekly time switch 22 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
150	Weekly time switch 22 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
151	Weekly time switch 22 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
152	Weekly time switch 23 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
153	Weekly time switch 23 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
154	Weekly time switch 23 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
155	Weekly time switch 23 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
156	Weekly time switch 24 (input/output)	Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
157	Weekly time switch 24 (input/output)	Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
158	Weekly time switch 24 (input/output)	Weekday	CRWT-	[21.1010] DPT_Channel_Activation_8	1 Byte
159	Weekly time switch 24 (output)	Status	C-WT-	[1.2] DPT_Bool	1 Bit
160	Cal. time switch 1 (input/output)	Date Start	CRWT-	[11.1] DPT_Date	3 Bytes
161	Cal. time switch 1 (input/output)	Date end	CRWT-	[11.1] DPT_Date	3 Bytes
162	Cal. time switch 1 (input/output)	Sequence 1: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
163	Cal. time switch 1 (input/output)	Sequence 1: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
164	Cal. time switch 1 (input/output)	Sequence 1: Status	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
165	Cal. time switch 1 (input/output)	Sequence 2: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
166	Cal. time switch 1 (input/output)	Sequence 2: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
167	Cal. time switch 1 (input/output)	Sequence 2: Status	CRWT-	[1.2] DPT_Bool	1 Bit
168	Cal. time switch 2 (input/output)	Date Start	CRWT-	[11.1] DPT_Date	3 Bytes
169	Cal. time switch 2 (input/output)	Date end	CRWT-	[11.1] DPT_Date	3 Bytes
170	Cal. time switch 2 (input/output)	Sequence 1: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
171	Cal. time switch 2 (input/output)	Sequence 1: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
172	Cal. time switch 2 (input/output)	Sequence 1: Status	CRWT-	[1.2] DPT_Bool	1 Bit
173	Cal. time switch 2 (input/output)	Sequence 2: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
174	Cal. time switch 2 (input/output)	Sequence 2: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
175	Cal. time switch 2 (input/output)	Sequence 2: Status	CRWT-	[1.2] DPT_Bool	1 Bit
176	Cal. time switch 3 (input/output)	Date Start	CRWT-	[11.1] DPT_Date	3 Bytes
177	Cal. time switch 3 (input/output)	Date end	CRWT-	[11.1] DPT_Date	3 Bytes
178	Cal. time switch 3 (input/output)	Sequence 1: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
179	Cal. time switch 3 (input/output)	Sequence 1: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
180	Cal. time switch 3 (input/output)	Sequence 1: Status	CRWT-	[1.2] DPT_Bool	1 Bit
181	Cal. time switch 3 (input/output)	Sequence 2: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
182	Cal. time switch 3 (input/output)	Sequence 2: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
183	Cal. time switch 3 (input/output)	Sequence 2: Status	CRWT-	[1.2] DPT_Bool	1 Bit
184	Cal. time switch 4 (input/output)	Date Start	CRWT-	[11.1] DPT_Date	3 Bytes
185	Cal. time switch 4 (input/output)	Date end	CRWT-	[11.1] DPT_Date	3 Bytes
186	Cal. time switch 4 (input/output)	Sequence 1: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes

No	Text	Function	Flags	DPT type	Size
187	Cal. time switch 4 (input/output)	Sequence 1: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
188	Cal. time switch 4 (input/output)	Sequence 1: Status	CRWT-	[1.2] DPT_Bool	1 Bit
189	Cal. time switch 4 (input/output)	Sequence 2: Switch-on time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
190	Cal. time switch 4 (input/output)	Sequence 2: Switch-off time	CRWT-	[10.1] DPT_TimeOfDay	3 Bytes
191	Cal. time switch 4 (input/output)	Sequence 2: Status	CRWT-	[1.2] DPT_Bool	1 Bit
200	Facade (input)	Direction of the sun	-RW--	[14.7] DPT_Value_AngleDeg	4 Bytes
201	Facade (input)	Height of the sun	-RW--	[14.7] DPT_Value_AngleDeg	4 Bytes
202	Facade (input)	Wind measured value 01 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
203	Facade (input)	Wind measured value 02 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
204	Facade (input)	Wind measured value 03 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
205	Facade (input)	Wind measured value 04 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
206	Facade (input)	Wind measured value 05 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
207	Facade (input)	Wind measured value 06 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
208	Facade (input)	Wind measured value 07 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
209	Facade (input)	Wind measured value 08 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
210	Facade (input)	Wind measured value 09 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
211	Facade (input)	Wind measured value 10 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
212	Facade (input)	Wind measured value 11 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
213	Facade (input)	Wind measured value 12 in m/s	-RW--	[9.5] DPT_Value_Wsp	2 Bytes
214	Facade (input)	Rain	-RW--	[1.2] DPT_Bool	1 Bit
215	Facade (input/output)	Rain automatic delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
216	Facade (input)	Twilight Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes

No	Text	Function	Flags	DPT type	Size
217	Facade (input/output)	Twilight threshold value in kLux	CRWT-	[9.4] DPT_-Value_Lux	2 Bytes
218	Facade (input)	Outdoor temperature measured value in °C	-RWT-	[9.1] DPT_-Value_Temp	2 Bytes
219	Facade (input/output)	Heat protection limit value in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
220	Facade (input)	Pyranometer measured value 1 in W/m²	-RWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
221	Facade (input)	Pyranometer measured value 2 in W/m²	-RWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
222	Facade (input)	Pyranometer measured value 3 in W/m²	-RWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
223	Facade (input)	Pyranometer measured value 4 in W/m²	-RWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
224	Facade (input/output)	Frost alarm starting temperature in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
225	Facade (input/output)	Frost alarm Start delay in hours	CRWT-	[7.7] DPT_TimePeriodHrs	2 Bytes
226	Facade (input/output)	Frost alarm stop-temp. in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
227	Facade (input/output)	Frost alarm Stop delay in hours	CRWT-	[7.7] DPT_TimePeriodHrs	2 Bytes
228	Facade (input/output)	X channel status output (1:activate)	CRWT-	[1.2] DPT_Bool	1 Bit
229	Facade (output)	X Channel Name	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
230	Facade (input)	X channel (1:+ | 0:-)	-RW--	[1.8] DPT_Up-Down	1 Bit
231	Facade (output)	X Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
232	Facade (output)	X Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
233	Facade (output)	X Channel Status Bit State	C-WT-	[1.2] DPT_Bool	1 Bit
234	Facade (output)	X Channel Delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
235	Facade (input)	X channel status bits selection (1:+ | 0:-)	-RW--	[1.8] DPT_Up-Down	1 Bit
236	Facade (input)	Simulation wind in m/s	CRW--	[9.5] DPT_-Value_Wsp	2 Bytes
237	Facade (input)	Simulation wind extension lock (1:active)	CRW--	[1.2] DPT_Bool	1 Bit
238	Facade (input)	Simulation wind alarm (1:active)	CRW--	[1.2] DPT_Bool	1 Bit
239	Facade (input)	Simulation Rain (1:active)	CRW--	[1.2] DPT_Bool	1 Bit
240	Facade (input)	Simulation of outdoor temperature in °C	CRW--	[9.1] DPT_-Value_Temp	2 Bytes
241	Facade (input)	Simulation of internal temperature in °C	CRW--	[9.1] DPT_-Value_Temp	2 Bytes
242	Facade (input)	Simulation of brightness in lux	CRW--	[9.4] DPT_-Value_Lux	2 Bytes
243	Facade (input)	Simulation of solar intensity in watts/m²	CRW--	[14.5] DPT_-Value_Ampli-tude	4 Bytes
244	Facade (input)	Simulation Date	CRW--	[11.1] DPT_Date	3 Bytes
245	Facade (input)	Simulation Time	CRW--	[10.1] DPT_TimeOfDay	3 Bytes
246	Facade (input)	Simulation of solar direction in °	CRW--	[14.7] DPT_-Value_AngleDeg	4 Bytes
247	Facade (input)	Simulation of sun altitude in °	CRW--	[14.7] DPT_-Value_AngleDeg	4 Bytes
248	Facade (input)	Simulation Reset (1:Reset)	-RW--	[1.2] DPT_Bool	1 Bit
250	Facade 01 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
251	Facade 01 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
252	Facade 01 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
253	Facade 01 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
254	Facade 01 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
255	Facade 01 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
256	Facade 01 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
257	Facade 01 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
258	Facade 01 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
259	Facade 01 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
260	Facade 01 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
261	Facade 01 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
262	Facade 01 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
263	Facade 01 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
264	Facade 01 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
265	Facade 01 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
266	Facade 01 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
267	Facade 01 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
268	Facade 01 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
269	Facade 01 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
270	Facade 01 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
271	Facade 01 (input/output)	Time drive 1 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
272	Facade 01 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
273	Facade 01 (input/output)	Time drive 2 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
274	Facade 01 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
275	Facade 01 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
276	Facade 01 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
277	Facade 01 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
278	Facade 01 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
279	Facade 01 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
280	Facade 01 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
281	Facade 01 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
282	Facade 01 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
283	Facade 01 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
284	Facade 01 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
285	Facade 01 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
286	Facade 01 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
287	Facade 01 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
288	Facade 01 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
289	Facade 01 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
290	Facade 01 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
291	Facade 01 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
292	Facade 01 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
293	Facade 01 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
294	Facade 01 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes

No	Text	Function	Flags	DPT type	Size
295	Facade 01 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
296	Facade 01 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
297	Facade 01 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
298	Facade 01 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
299	Facade 01 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
300	Facade 01 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
301	Facade 01 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
302	Facade 01 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
303	Facade 01 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
304	Facade 01 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
305	Facade 01 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
306	Facade 01 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
307	Facade 01 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
308	Facade 01 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
309	Facade 01 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
310	Facade 01 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
320	Facade 02 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
321	Facade 02 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
322	Facade 02 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
323	Facade 02 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
324	Facade 02 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
325	Facade 02 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
326	Facade 02 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
327	Facade 02 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
328	Facade 02 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
329	Facade 02 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
330	Facade 02 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
331	Facade 02 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
332	Facade 02 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
333	Facade 02 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
334	Facade 02 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
335	Facade 02 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
336	Facade 02 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
337	Facade 02 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
338	Facade 02 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
339	Facade 02 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
340	Facade 02 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
341	Facade 02 (input/output)	Time drive 1 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
342	Facade 02 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
343	Facade 02 (input/output)	Time drive 2 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
344	Facade 02 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
345	Facade 02 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
346	Facade 02 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
347	Facade 02 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
348	Facade 02 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
349	Facade 02 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
350	Facade 02 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
351	Facade 02 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
352	Facade 02 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
353	Facade 02 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
354	Facade 02 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
355	Facade 02 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
356	Facade 02 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
357	Facade 02 (input/output)	Sun auto. unlock/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
358	Facade 02 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
359	Facade 02 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
360	Facade 02 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
361	Facade 02 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
362	Facade 02 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
363	Facade 02 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
364	Facade 02 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
365	Facade 02 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
366	Facade 02 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
367	Facade 02 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
368	Facade 02 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
369	Facade 02 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
370	Facade 02 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
371	Facade 02 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
372	Facade 02 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
373	Facade 02 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
374	Facade 02 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
375	Facade 02 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
376	Facade 02 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
377	Facade 02 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
378	Facade 02 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
379	Facade 02 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
380	Facade 02 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
390	Facade 03 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
391	Facade 03 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
392	Facade 03 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
393	Facade 03 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
394	Facade 03 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
395	Facade 03 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
396	Facade 03 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
397	Facade 03 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
398	Facade 03 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
399	Facade 03 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
400	Facade 03 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
401	Facade 03 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
402	Facade 03 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
403	Facade 03 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
404	Facade 03 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
405	Facade 03 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
406	Facade 03 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
407	Facade 03 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
408	Facade 03 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
409	Facade 03 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
410	Facade 03 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
411	Facade 03 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
412	Facade 03 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
413	Facade 03 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
414	Facade 03 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
415	Facade 03 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
416	Facade 03 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
417	Facade 03 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
418	Facade 03 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
419	Facade 03 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
420	Facade 03 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
421	Facade 03 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
422	Facade 03 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
423	Facade 03 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
424	Facade 03 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
425	Facade 03 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
426	Facade 03 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
427	Facade 03 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
428	Facade 03 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
429	Facade 03 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
430	Facade 03 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
431	Facade 03 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
432	Facade 03 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
433	Facade 03 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
434	Facade 03 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
435	Facade 03 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
436	Facade 03 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
437	Facade 03 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
438	Facade 03 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
439	Facade 03 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
440	Facade 03 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
441	Facade 03 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
442	Facade 03 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
443	Facade 03 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
444	Facade 03 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
445	Facade 03 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
446	Facade 03 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes

No	Text	Function	Flags	DPT type	Size
447	Facade 03 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
448	Facade 03 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
449	Facade 03 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
450	Facade 03 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
460	Facade 04 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
461	Facade 04 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
462	Facade 04 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
463	Facade 04 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
464	Facade 04 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
465	Facade 04 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
466	Facade 04 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
467	Facade 04 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
468	Facade 04 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
469	Facade 04 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
470	Facade 04 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
471	Facade 04 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
472	Facade 04 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
473	Facade 04 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
474	Facade 04 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
475	Facade 04 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
476	Facade 04 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
477	Facade 04 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
478	Facade 04 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
479	Facade 04 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
480	Facade 04 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
481	Facade 04 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
482	Facade 04 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
483	Facade 04 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
484	Facade 04 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
485	Facade 04 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
486	Facade 04 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
487	Facade 04 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
488	Facade 04 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
489	Facade 04 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
490	Facade 04 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
491	Facade 04 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
492	Facade 04 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
493	Facade 04 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
494	Facade 04 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes

No	Text	Function	Flags	DPT type	Size
495	Facade 04 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
496	Facade 04 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
497	Facade 04 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
498	Facade 04 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
499	Facade 04 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
500	Facade 04 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
501	Facade 04 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
502	Facade 04 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
503	Facade 04 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
504	Facade 04 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
505	Facade 04 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
506	Facade 04 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
507	Facade 04 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
508	Facade 04 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
509	Facade 04 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
510	Facade 04 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
511	Facade 04 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
512	Facade 04 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
513	Facade 04 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
514	Facade 04 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
515	Facade 04 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
516	Facade 04 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
517	Facade 04 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
518	Facade 04 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
519	Facade 04 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
520	Facade 04 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
530	Facade 05 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
531	Facade 05 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
532	Facade 05 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
533	Facade 05 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
534	Facade 05 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
535	Facade 05 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
536	Facade 05 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
537	Facade 05 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
538	Facade 05 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
539	Facade 05 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
540	Facade 05 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
541	Facade 05 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
542	Facade 05 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
543	Facade 05 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
544	Facade 05 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
545	Facade 05 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
546	Facade 05 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
547	Facade 05 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
548	Facade 05 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
549	Facade 05 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
550	Facade 05 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
551	Facade 05 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
552	Facade 05 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
553	Facade 05 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
554	Facade 05 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
555	Facade 05 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
556	Facade 05 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
557	Facade 05 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
558	Facade 05 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
559	Facade 05 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
560	Facade 05 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
561	Facade 05 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
562	Facade 05 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
563	Facade 05 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
564	Facade 05 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
565	Facade 05 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
566	Facade 05 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
567	Facade 05 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
568	Facade 05 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
569	Facade 05 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
570	Facade 05 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
571	Facade 05 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
572	Facade 05 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
573	Facade 05 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
574	Facade 05 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
575	Facade 05 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
576	Facade 05 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
577	Facade 05 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
578	Facade 05 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
579	Facade 05 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
580	Facade 05 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
581	Facade 05 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
582	Facade 05 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
583	Facade 05 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
584	Facade 05 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
585	Facade 05 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
586	Facade 05 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
587	Facade 05 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
588	Facade 05 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
589	Facade 05 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
590	Facade 05 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
600	Facade 06 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
601	Facade 06 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
602	Facade 06 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
603	Facade 06 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
604	Facade 06 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
605	Facade 06 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
606	Facade 06 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
607	Facade 06 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
608	Facade 06 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
609	Facade 06 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
610	Facade 06 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
611	Facade 06 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
612	Facade 06 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
613	Facade 06 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
614	Facade 06 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
615	Facade 06 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
616	Facade 06 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
617	Facade 06 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
618	Facade 06 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
619	Facade 06 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
620	Facade 06 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
621	Facade 06 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
622	Facade 06 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
623	Facade 06 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
624	Facade 06 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
625	Facade 06 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
626	Facade 06 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
627	Facade 06 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
628	Facade 06 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
629	Facade 06 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
630	Facade 06 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
631	Facade 06 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
632	Facade 06 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
633	Facade 06 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
634	Facade 06 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
635	Facade 06 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
636	Facade 06 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
637	Facade 06 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
638	Facade 06 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
639	Facade 06 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
640	Facade 06 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
641	Facade 06 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
642	Facade 06 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
643	Facade 06 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
644	Facade 06 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
645	Facade 06 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_-Value_Lux	2 Bytes
646	Facade 06 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_-Value_Lux	2 Bytes
647	Facade 06 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
648	Facade 06 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
649	Facade 06 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
650	Facade 06 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
651	Facade 06 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
652	Facade 06 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
653	Facade 06 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
654	Facade 06 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
655	Facade 06 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
656	Facade 06 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
657	Facade 06 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
658	Facade 06 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
659	Facade 06 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
660	Facade 06 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
670	Facade 07 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
671	Facade 07 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
672	Facade 07 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
673	Facade 07 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
674	Facade 07 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
675	Facade 07 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
676	Facade 07 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
677	Facade 07 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
678	Facade 07 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
679	Facade 07 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
680	Facade 07 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
681	Facade 07 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
682	Facade 07 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
683	Facade 07 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
684	Facade 07 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
685	Facade 07 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
686	Facade 07 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
687	Facade 07 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
688	Facade 07 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
689	Facade 07 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
690	Facade 07 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
691	Facade 07 (input/output)	Time drive 1 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
692	Facade 07 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
693	Facade 07 (input/output)	Time drive 2 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
694	Facade 07 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
695	Facade 07 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
696	Facade 07 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
697	Facade 07 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
698	Facade 07 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
699	Facade 07 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
700	Facade 07 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
701	Facade 07 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
702	Facade 07 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
703	Facade 07 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
704	Facade 07 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
705	Facade 07 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
706	Facade 07 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
707	Facade 07 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
708	Facade 07 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
709	Facade 07 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
710	Facade 07 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
711	Facade 07 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
712	Facade 07 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
713	Facade 07 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
714	Facade 07 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes

No	Text	Function	Flags	DPT type	Size
715	Facade 07 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
716	Facade 07 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
717	Facade 07 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
718	Facade 07 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
719	Facade 07 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
720	Facade 07 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
721	Facade 07 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
722	Facade 07 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
723	Facade 07 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
724	Facade 07 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
725	Facade 07 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
726	Facade 07 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
727	Facade 07 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
728	Facade 07 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
729	Facade 07 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
730	Facade 07 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
740	Facade 08 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
741	Facade 08 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
742	Facade 08 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
743	Facade 08 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
744	Facade 08 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
745	Facade 08 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
746	Facade 08 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
747	Facade 08 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
748	Facade 08 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
749	Facade 08 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
750	Facade 08 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
751	Facade 08 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
752	Facade 08 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
753	Facade 08 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
754	Facade 08 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
755	Facade 08 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
756	Facade 08 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
757	Facade 08 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
758	Facade 08 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
759	Facade 08 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
760	Facade 08 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
761	Facade 08 (input/output)	Time drive 1 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
762	Facade 08 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
763	Facade 08 (input/output)	Time drive 2 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
764	Facade 08 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
765	Facade 08 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
766	Facade 08 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
767	Facade 08 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
768	Facade 08 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
769	Facade 08 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
770	Facade 08 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
771	Facade 08 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
772	Facade 08 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
773	Facade 08 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
774	Facade 08 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
775	Facade 08 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
776	Facade 08 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
777	Facade 08 (input/output)	Sun auto. unlock/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
778	Facade 08 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
779	Facade 08 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
780	Facade 08 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
781	Facade 08 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
782	Facade 08 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
783	Facade 08 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
784	Facade 08 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
785	Facade 08 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
786	Facade 08 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
787	Facade 08 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
788	Facade 08 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
789	Facade 08 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
790	Facade 08 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
791	Facade 08 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
792	Facade 08 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
793	Facade 08 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
794	Facade 08 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
795	Facade 08 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
796	Facade 08 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
797	Facade 08 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
798	Facade 08 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
799	Facade 08 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
800	Facade 08 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
810	Facade 09 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
811	Facade 09 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
812	Facade 09 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
813	Facade 09 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
814	Facade 09 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
815	Facade 09 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
816	Facade 09 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
817	Facade 09 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
818	Facade 09 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
819	Facade 09 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
820	Facade 09 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
821	Facade 09 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
822	Facade 09 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
823	Facade 09 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
824	Facade 09 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
825	Facade 09 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
826	Facade 09 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
827	Facade 09 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
828	Facade 09 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
829	Facade 09 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
830	Facade 09 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
831	Facade 09 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
832	Facade 09 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
833	Facade 09 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
834	Facade 09 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
835	Facade 09 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
836	Facade 09 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
837	Facade 09 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
838	Facade 09 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
839	Facade 09 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
840	Facade 09 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
841	Facade 09 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
842	Facade 09 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
843	Facade 09 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
844	Facade 09 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
845	Facade 09 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
846	Facade 09 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
847	Facade 09 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
848	Facade 09 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
849	Facade 09 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
850	Facade 09 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
851	Facade 09 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
852	Facade 09 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
853	Facade 09 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
854	Facade 09 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
855	Facade 09 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
856	Facade 09 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
857	Facade 09 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
858	Facade 09 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
859	Facade 09 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
860	Facade 09 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
861	Facade 09 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
862	Facade 09 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
863	Facade 09 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
864	Facade 09 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
865	Facade 09 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
866	Facade 09 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes

No	Text	Function	Flags	DPT type	Size
867	Facade 09 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
868	Facade 09 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
869	Facade 09 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
870	Facade 09 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
880	Facade 10 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
881	Facade 10 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
882	Facade 10 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
883	Facade 10 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
884	Facade 10 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
885	Facade 10 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
886	Facade 10 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
887	Facade 10 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
888	Facade 10 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
889	Facade 10 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
890	Facade 10 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
891	Facade 10 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
892	Facade 10 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
893	Facade 10 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
894	Facade 10 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
895	Facade 10 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
896	Facade 10 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
897	Facade 10 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
898	Facade 10 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
899	Facade 10 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
900	Facade 10 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
901	Facade 10 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
902	Facade 10 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
903	Facade 10 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
904	Facade 10 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
905	Facade 10 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
906	Facade 10 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
907	Facade 10 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
908	Facade 10 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
909	Facade 10 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
910	Facade 10 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
911	Facade 10 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
912	Facade 10 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
913	Facade 10 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
914	Facade 10 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes

No	Text	Function	Flags	DPT type	Size
915	Facade 10 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
916	Facade 10 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
917	Facade 10 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
918	Facade 10 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
919	Facade 10 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
920	Facade 10 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
921	Facade 10 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
922	Facade 10 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
923	Facade 10 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
924	Facade 10 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
925	Facade 10 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
926	Facade 10 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
927	Facade 10 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
928	Facade 10 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
929	Facade 10 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
930	Facade 10 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
931	Facade 10 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
932	Facade 10 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
933	Facade 10 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
934	Facade 10 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
935	Facade 10 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
936	Facade 10 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
937	Facade 10 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
938	Facade 10 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
939	Facade 10 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
940	Facade 10 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
950	Facade 11 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
951	Facade 11 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
952	Facade 11 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
953	Facade 11 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
954	Facade 11 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
955	Facade 11 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
956	Facade 11 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
957	Facade 11 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
958	Facade 11 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
959	Facade 11 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
960	Facade 11 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
961	Facade 11 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
962	Facade 11 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
963	Facade 11 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
964	Facade 11 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
965	Facade 11 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
966	Facade 11 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
967	Facade 11 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
968	Facade 11 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
969	Facade 11 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
970	Facade 11 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
971	Facade 11 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
972	Facade 11 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
973	Facade 11 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
974	Facade 11 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
975	Facade 11 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
976	Facade 11 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
977	Facade 11 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
978	Facade 11 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
979	Facade 11 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
980	Facade 11 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
981	Facade 11 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
982	Facade 11 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
983	Facade 11 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
984	Facade 11 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
985	Facade 11 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
986	Facade 11 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
987	Facade 11 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
988	Facade 11 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
989	Facade 11 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
990	Facade 11 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
991	Facade 11 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
992	Facade 11 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
993	Facade 11 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
994	Facade 11 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
995	Facade 11 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
996	Facade 11 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
997	Facade 11 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
998	Facade 11 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
999	Facade 11 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
1000	Facade 11 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1001	Facade 11 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1002	Facade 11 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1003	Facade 11 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1004	Facade 11 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1005	Facade 11 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1006	Facade 11 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1007	Facade 11 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1008	Facade 11 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1009	Facade 11 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1010	Facade 11 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1020	Facade 12 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1021	Facade 12 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1022	Facade 12 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1023	Facade 12 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1024	Facade 12 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1025	Facade 12 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1026	Facade 12 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1027	Facade 12 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
1028	Facade 12 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1029	Facade 12 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
1030	Facade 12 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1031	Facade 12 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1032	Facade 12 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
1033	Facade 12 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1034	Facade 12 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1035	Facade 12 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1036	Facade 12 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1037	Facade 12 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1038	Facade 12 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1039	Facade 12 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1040	Facade 12 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1041	Facade 12 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1042	Facade 12 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1043	Facade 12 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1044	Facade 12 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1045	Facade 12 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1046	Facade 12 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1047	Facade 12 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1048	Facade 12 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1049	Facade 12 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1050	Facade 12 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
1051	Facade 12 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1052	Facade 12 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
1053	Facade 12 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1054	Facade 12 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1055	Facade 12 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1056	Facade 12 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1057	Facade 12 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1058	Facade 12 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1059	Facade 12 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1060	Facade 12 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1061	Facade 12 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1062	Facade 12 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1063	Facade 12 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1064	Facade 12 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1065	Facade 12 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_-Value_Lux	2 Bytes
1066	Facade 12 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_-Value_Lux	2 Bytes
1067	Facade 12 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1068	Facade 12 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1069	Facade 12 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1070	Facade 12 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1071	Facade 12 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1072	Facade 12 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1073	Facade 12 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1074	Facade 12 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1075	Facade 12 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1076	Facade 12 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1077	Facade 12 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1078	Facade 12 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1079	Facade 12 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1080	Facade 12 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1090	Facade 13 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1091	Facade 13 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1092	Facade 13 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1093	Facade 13 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1094	Facade 13 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
1095	Facade 13 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1096	Facade 13 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1097	Facade 12 (input/output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1098	Facade 13 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1099	Facade 13 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1100	Facade 12 (input/output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1101	Facade 13 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1102	Facade 13 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1103	Facade 13 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1104	Facade 12 (input/output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1105	Facade 12 (input/output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1106	Facade 13 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1107	Facade 13 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1108	Facade 13 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1109	Facade 12 (input/output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1110	Facade 13 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1111	Facade 13 (input/output)	Time drive 1 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
1112	Facade 12 (input/output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1113	Facade 13 (input/output)	Time drive 2 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
1114	Facade 12 (input/output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1115	Facade 13 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1116	Facade 12 (input/output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1117	Facade 13 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1118	Facade 12 (input/output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1119	Facade 13 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1120	Facade 13 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
1121	Facade 12 (input/output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1122	Facade 13 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
1123	Facade 13 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1124	Facade 13 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1125	Facade 13 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1126	Facade 12 (input/output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1127	Facade 13 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1128	Facade 13 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1129	Facade 13 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1130	Facade 12 (input/output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1131	Facade 13 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1132	Facade 13 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1133	Facade 13 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1134	Facade 13 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes

No	Text	Function	Flags	DPT type	Size
1135	Facade 13 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1136	Facade 13 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1137	Facade 12 (input/output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1138	Facade 13 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1139	Facade 13 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1140	Facade 13 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1141	Facade 13 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1142	Facade 13 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1143	Facade 12 (input/output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1144	Facade 12 (input/output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1145	Facade 13 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1146	Facade 12 (input/output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1147	Facade 12 (input/output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1148	Facade 12 (input/output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1149	Facade 12 (input/output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1150	Facade 13 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1160	Facade 14 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1161	Facade 14 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1162	Facade 14 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1163	Facade 14 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1164	Facade 14 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1165	Facade 14 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1166	Facade 14 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1167	Facade 14 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1168	Facade 14 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1169	Facade 14 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1170	Facade 14 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1171	Facade 14 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1172	Facade 14 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1173	Facade 14 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1174	Facade 14 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1175	Facade 14 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1176	Facade 14 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1177	Facade 14 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1178	Facade 14 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1179	Facade 14 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1180	Facade 14 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1181	Facade 14 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1182	Facade 14 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1183	Facade 14 (input/output)	Time drive 2 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
1184	Facade 14 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1185	Facade 14 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1186	Facade 14 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1187	Facade 14 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1188	Facade 14 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1189	Facade 14 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1190	Facade 14 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
1191	Facade 14 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1192	Facade 14 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
1193	Facade 14 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1194	Facade 14 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1195	Facade 14 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1196	Facade 14 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1197	Facade 14 (input/output)	Sun auto. unlock/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
1198	Facade 14 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1199	Facade 14 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1200	Facade 14 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1201	Facade 14 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1202	Facade 14 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1203	Facade 14 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1204	Facade 14 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1205	Facade 14 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1206	Facade 14 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1207	Facade 14 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1208	Facade 14 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1209	Facade 14 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1210	Facade 14 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1211	Facade 14 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1212	Facade 14 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1213	Facade 14 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1214	Facade 14 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1215	Facade 14 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1216	Facade 14 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1217	Facade 14 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1218	Facade 14 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1219	Facade 14 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
1220	Facade 14 (output)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1230	Facade 15 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1231	Facade 15 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1232	Facade 15 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1233	Facade 15 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1234	Facade 15 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1235	Facade 15 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1236	Facade 15 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1237	Facade 15 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1238	Facade 15 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1239	Facade 15 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1240	Facade 15 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1241	Facade 15 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1242	Facade 15 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1243	Facade 15 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1244	Facade 15 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1245	Facade 15 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1246	Facade 15 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1247	Facade 15 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1248	Facade 15 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1249	Facade 15 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1250	Facade 15 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1251	Facade 15 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1252	Facade 15 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1253	Facade 15 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1254	Facade 15 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1255	Facade 15 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1256	Facade 15 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1257	Facade 15 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1258	Facade 15 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1259	Facade 15 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1260	Facade 15 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
1261	Facade 15 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1262	Facade 15 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
1263	Facade 15 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1264	Facade 15 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1265	Facade 15 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1266	Facade 15 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1267	Facade 15 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1268	Facade 15 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1269	Facade 15 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1270	Facade 15 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1271	Facade 15 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1272	Facade 15 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1273	Facade 15 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1274	Facade 15 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1275	Facade 15 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1276	Facade 15 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1277	Facade 15 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1278	Facade 15 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1279	Facade 15 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1280	Facade 15 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1281	Facade 15 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1282	Facade 15 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1283	Facade 15 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1284	Facade 15 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1285	Facade 15 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1286	Facade 15 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes

No	Text	Function	Flags	DPT type	Size
1287	Facade 15 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1288	Facade 15 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1289	Facade 15 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1290	Facade 15 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1300	Facade 16 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1301	Facade 16 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1302	Facade 16 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1303	Facade 16 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1304	Facade 16 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1305	Facade 16 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1306	Facade 16 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1307	Facade 16 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1308	Facade 16 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1309	Facade 16 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1310	Facade 16 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1311	Facade 16 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1312	Facade 16 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1313	Facade 16 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1314	Facade 16 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1315	Facade 16 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
1316	Facade 16 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1317	Facade 16 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1318	Facade 16 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1319	Facade 16 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1320	Facade 16 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1321	Facade 16 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1322	Facade 16 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1323	Facade 16 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1324	Facade 16 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1325	Facade 16 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1326	Facade 16 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1327	Facade 16 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1328	Facade 16 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1329	Facade 16 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1330	Facade 16 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
1331	Facade 16 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1332	Facade 16 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
1333	Facade 16 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1334	Facade 16 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes

No	Text	Function	Flags	DPT type	Size
1335	Facade 16 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1336	Facade 16 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1337	Facade 16 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1338	Facade 16 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1339	Facade 16 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1340	Facade 16 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1341	Facade 16 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1342	Facade 16 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1343	Facade 16 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1344	Facade 16 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1345	Facade 16 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1346	Facade 16 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1347	Facade 16 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1348	Facade 16 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1349	Facade 16 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1350	Facade 16 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1351	Facade 16 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1352	Facade 16 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1353	Facade 16 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
1354	Facade 16 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1355	Facade 16 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1356	Facade 16 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1357	Facade 16 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1358	Facade 16 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1359	Facade 16 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1360	Facade 16 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1370	Facade 17 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1371	Facade 17 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1372	Facade 17 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1373	Facade 17 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1374	Facade 17 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1375	Facade 17 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1376	Facade 17 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1377	Facade 17 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1378	Facade 17 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1379	Facade 17 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1380	Facade 17 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1381	Facade 17 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1382	Facade 17 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1383	Facade 17 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1384	Facade 17 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1385	Facade 17 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1386	Facade 17 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1387	Facade 17 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1388	Facade 17 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1389	Facade 17 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1390	Facade 17 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1391	Facade 17 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1392	Facade 17 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1393	Facade 17 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1394	Facade 17 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1395	Facade 17 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1396	Facade 17 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1397	Facade 17 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1398	Facade 17 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1399	Facade 17 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1400	Facade 17 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
1401	Facade 17 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1402	Facade 17 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
1403	Facade 17 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1404	Facade 17 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1405	Facade 17 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1406	Facade 17 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1407	Facade 17 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1408	Facade 17 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1409	Facade 17 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1410	Facade 17 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1411	Facade 17 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1412	Facade 17 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1413	Facade 17 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1414	Facade 17 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1415	Facade 17 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1416	Facade 17 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1417	Facade 17 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1418	Facade 17 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1419	Facade 17 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
1420	Facade 17 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1421	Facade 17 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1422	Facade 17 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1423	Facade 17 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1424	Facade 17 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1425	Facade 17 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1426	Facade 17 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1427	Facade 17 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1428	Facade 17 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1429	Facade 17 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1430	Facade 17 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1440	Facade 18 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1441	Facade 18 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1442	Facade 18 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1443	Facade 18 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1444	Facade 18 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1445	Facade 18 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1446	Facade 18 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1447	Facade 18 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
1448	Facade 18 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1449	Facade 18 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
1450	Facade 18 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1451	Facade 18 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1452	Facade 18 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
1453	Facade 18 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1454	Facade 18 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1455	Facade 18 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1456	Facade 18 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1457	Facade 18 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1458	Facade 18 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1459	Facade 18 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1460	Facade 18 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1461	Facade 18 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1462	Facade 18 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1463	Facade 18 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1464	Facade 18 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1465	Facade 18 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1466	Facade 18 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1467	Facade 18 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1468	Facade 18 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1469	Facade 18 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1470	Facade 18 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
1471	Facade 18 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1472	Facade 18 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
1473	Facade 18 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1474	Facade 18 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1475	Facade 18 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1476	Facade 18 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1477	Facade 18 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1478	Facade 18 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1479	Facade 18 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1480	Facade 18 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1481	Facade 18 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1482	Facade 18 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1483	Facade 18 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1484	Facade 18 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1485	Facade 18 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_-Value_Lux	2 Bytes
1486	Facade 18 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_-Value_Lux	2 Bytes
1487	Facade 18 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1488	Facade 18 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1489	Facade 18 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1490	Facade 18 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1491	Facade 18 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1492	Facade 18 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1493	Facade 18 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1494	Facade 18 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1495	Facade 18 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1496	Facade 18 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1497	Facade 18 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1498	Facade 18 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1499	Facade 18 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1500	Facade 18 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1510	Facade 19 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1511	Facade 19 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1512	Facade 19 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1513	Facade 19 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1514	Facade 19 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
1515	Facade 19 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1516	Facade 19 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1517	Facade 19 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1518	Facade 19 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1519	Facade 19 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1520	Facade 19 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1521	Facade 19 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1522	Facade 19 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1523	Facade 19 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1524	Facade 19 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1525	Facade 19 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1526	Facade 19 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1527	Facade 19 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1528	Facade 19 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1529	Facade 19 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1530	Facade 19 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1531	Facade 19 (input/output)	Time drive 1 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
1532	Facade 19 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1533	Facade 19 (input/output)	Time drive 2 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit
1534	Facade 19 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1535	Facade 19 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1536	Facade 19 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1537	Facade 19 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1538	Facade 19 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1539	Facade 19 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1540	Facade 19 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
1541	Facade 19 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1542	Facade 19 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
1543	Facade 19 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1544	Facade 19 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1545	Facade 19 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1546	Facade 19 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1547	Facade 19 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1548	Facade 19 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1549	Facade 19 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1550	Facade 19 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1551	Facade 19 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1552	Facade 19 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1553	Facade 19 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1554	Facade 19 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes

No	Text	Function	Flags	DPT type	Size
1555	Facade 19 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1556	Facade 19 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1557	Facade 19 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1558	Facade 19 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1559	Facade 19 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1560	Facade 19 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1561	Facade 19 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1562	Facade 19 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1563	Facade 19 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1564	Facade 19 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1565	Facade 19 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1566	Facade 19 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1567	Facade 19 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1568	Facade 19 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1569	Facade 19 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1570	Facade 19 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1580	Facade 20 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1581	Facade 20 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1582	Facade 20 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1583	Facade 20 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1584	Facade 20 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1585	Facade 20 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1586	Facade 20 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1587	Facade 20 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1588	Facade 20 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1589	Facade 20 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1590	Facade 20 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1591	Facade 20 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1592	Facade 20 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1593	Facade 20 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1594	Facade 20 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1595	Facade 20 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1596	Facade 20 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1597	Facade 20 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1598	Facade 20 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1599	Facade 20 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1600	Facade 20 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1601	Facade 20 (input/output)	Time drive 1 share/ lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1602	Facade 20 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1603	Facade 20 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1604	Facade 20 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1605	Facade 20 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1606	Facade 20 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1607	Facade 20 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1608	Facade 20 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1609	Facade 20 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1610	Facade 20 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
1611	Facade 20 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1612	Facade 20 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
1613	Facade 20 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1614	Facade 20 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1615	Facade 20 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1616	Facade 20 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1617	Facade 20 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1618	Facade 20 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1619	Facade 20 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1620	Facade 20 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1621	Facade 20 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1622	Facade 20 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1623	Facade 20 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1624	Facade 20 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1625	Facade 20 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1626	Facade 20 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1627	Facade 20 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1628	Facade 20 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1629	Facade 20 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1630	Facade 20 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1631	Facade 20 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1632	Facade 20 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1633	Facade 20 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1634	Facade 20 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1635	Facade 20 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1636	Facade 20 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1637	Facade 20 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1638	Facade 20 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1639	Facade 20 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
1640	Facade 20 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1650	Facade 21 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1651	Facade 21 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1652	Facade 21 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1653	Facade 21 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1654	Facade 21 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1655	Facade 21 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1656	Facade 21 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1657	Facade 21 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1658	Facade 21 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1659	Facade 21 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1660	Facade 21 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1661	Facade 21 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1662	Facade 21 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1663	Facade 21 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1664	Facade 21 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1665	Facade 21 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1666	Facade 21 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1667	Facade 21 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1668	Facade 21 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1669	Facade 21 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1670	Facade 21 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1671	Facade 21 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1672	Facade 21 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1673	Facade 21 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1674	Facade 21 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1675	Facade 21 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1676	Facade 21 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1677	Facade 21 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1678	Facade 21 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1679	Facade 21 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1680	Facade 21 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
1681	Facade 21 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1682	Facade 21 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
1683	Facade 21 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1684	Facade 21 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1685	Facade 21 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1686	Facade 21 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1687	Facade 21 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1688	Facade 21 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1689	Facade 21 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1690	Facade 21 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1691	Facade 21 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1692	Facade 21 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1693	Facade 21 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1694	Facade 21 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1695	Facade 21 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1696	Facade 21 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1697	Facade 21 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1698	Facade 21 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1699	Facade 21 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1700	Facade 21 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1701	Facade 21 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1702	Facade 21 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1703	Facade 21 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1704	Facade 21 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1705	Facade 21 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1706	Facade 21 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes

No	Text	Function	Flags	DPT type	Size
1707	Facade 21 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1708	Facade 21 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1709	Facade 21 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1710	Facade 21 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1720	Facade 22 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1721	Facade 22 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1722	Facade 22 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1723	Facade 22 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1724	Facade 22 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1725	Facade 22 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1726	Facade 22 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1727	Facade 22 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1728	Facade 22 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1729	Facade 22 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1730	Facade 22 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1731	Facade 22 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1732	Facade 22 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1733	Facade 22 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1734	Facade 22 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1735	Facade 22 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
1736	Facade 22 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1737	Facade 22 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1738	Facade 22 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1739	Facade 22 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1740	Facade 22 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1741	Facade 22 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1742	Facade 22 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1743	Facade 22 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1744	Facade 22 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1745	Facade 22 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1746	Facade 22 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1747	Facade 22 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1748	Facade 22 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1749	Facade 22 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1750	Facade 22 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
1751	Facade 22 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1752	Facade 22 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
1753	Facade 22 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1754	Facade 22 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes

No	Text	Function	Flags	DPT type	Size
1755	Facade 22 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1756	Facade 22 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1757	Facade 22 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1758	Facade 22 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1759	Facade 22 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1760	Facade 22 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1761	Facade 22 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1762	Facade 22 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1763	Facade 22 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1764	Facade 22 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1765	Facade 22 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1766	Facade 22 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1767	Facade 22 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1768	Facade 22 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1769	Facade 22 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1770	Facade 22 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1771	Facade 22 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1772	Facade 22 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1773	Facade 22 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte

No	Text	Function	Flags	DPT type	Size
1774	Facade 22 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1775	Facade 22 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1776	Facade 22 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1777	Facade 22 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1778	Facade 22 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1779	Facade 22 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1780	Facade 22 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1790	Facade 23 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1791	Facade 23 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1792	Facade 23 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1793	Facade 23 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1794	Facade 23 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1795	Facade 23 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1796	Facade 23 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1797	Facade 23 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1798	Facade 23 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1799	Facade 23 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1800	Facade 23 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1801	Facade 23 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1802	Facade 23 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_Value_Wsp	2 Bytes
1803	Facade 23 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1804	Facade 23 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1805	Facade 23 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1806	Facade 23 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1807	Facade 23 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1808	Facade 23 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1809	Facade 23 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1810	Facade 23 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1811	Facade 23 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1812	Facade 23 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1813	Facade 23 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1814	Facade 23 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1815	Facade 23 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1816	Facade 23 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1817	Facade 23 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1818	Facade 23 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1819	Facade 23 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1820	Facade 23 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_Value_Amplitude	4 Bytes
1821	Facade 23 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1822	Facade 23 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_Value_Temp	2 Bytes
1823	Facade 23 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1824	Facade 23 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1825	Facade 23 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1826	Facade 23 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1827	Facade 23 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1828	Facade 23 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1829	Facade 23 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_Value_Temp	2 Bytes
1830	Facade 23 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1831	Facade 23 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1832	Facade 23 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1833	Facade 23 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1834	Facade 23 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_Value_AngleDeg	4 Bytes
1835	Facade 23 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_Value_Lux	2 Bytes
1836	Facade 23 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_Value_Lux	2 Bytes
1837	Facade 23 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1838	Facade 23 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1839	Facade 23 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes

No	Text	Function	Flags	DPT type	Size
1840	Facade 23 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1841	Facade 23 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1842	Facade 23 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1843	Facade 23 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1844	Facade 23 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1845	Facade 23 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1846	Facade 23 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1847	Facade 23 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1848	Facade 23 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1849	Facade 23 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1850	Facade 23 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit
1860	Facade 24 (input)	Simulation (1:On | 0:Off)	CRW--	[1.2] DPT_Bool	1 Bit
1861	Facade 24 (input)	free driving command command call	-RW--	[1.2] DPT_Bool	1 Bit
1862	Facade 24 (input/output)	free driving command = 0 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1863	Facade 24 (input/output)	free driving command = 0 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1864	Facade 24 (input/output)	free driving command = 1 driving pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1865	Facade 24 (input/output)	free driving command = 1 slat pos.	CRWT-	[5.1] DPT_Scaling	1 Byte
1866	Facade 24 (input/output)	lock drive/slat pos. (1:lock | 0:release)	CRWT-	[1.2] DPT_Bool	1 Bit
1867	Facade 24 (output)	Security (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit

No	Text	Function	Flags	DPT type	Size
1868	Facade 24 (input)	Wind extension lock (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1869	Facade 24 (input/output)	Wind extension lock limit in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
1870	Facade 24 (output)	Wind Exit Lock Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1871	Facade 24 (input)	Wind alarm (1:On | 0:Off)	-RW--	[1.2] DPT_Bool	1 Bit
1872	Facade 24 (input/output)	Wind alarm limit value in m/s	CRWT-	[9.5] DPT_-Value_Wsp	2 Bytes
1873	Facade 24 (input/output)	Wind alarm Switch-off delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1874	Facade 24 (output)	Wind alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1875	Facade 24 (output)	Frost alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1876	Facade 24 (input/output)	Frost alarm release (1:release|0:reactivate)	CRWT-	[1.2] DPT_Bool	1 Bit
1877	Facade 24 (input/output)	Rain alarm Switch-off. in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1878	Facade 24 (input/output)	Rain automatic unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1879	Facade 24 (output)	Rain alarm status (1:On | 0:Off)	C-WT-	[1.5] DPT_Alarm	1 Bit
1880	Facade 24 (input/output)	Automatic delay after alarm	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1881	Facade 24 (input/output)	Time drive 1 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1882	Facade 24 (output)	Time drive 1 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1883	Facade 24 (input/output)	Time drive 2 share/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1884	Facade 24 (output)	Time drive 2 Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1885	Facade 24 (input/output)	Night Closing Unlock / Lock	CRWT-	[1.2] DPT_Bool	1 Bit
1886	Facade 24 (output)	Night Close Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1887	Facade 24 (input/output)	Heat protection enable/disable	CRWT-	[1.2] DPT_Bool	1 Bit
1888	Facade 24 (output)	Heat Protection Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1889	Facade 24 (input/output)	Pyranometer unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1890	Facade 24 (input/output)	Pyranometer Limit. in W/m²	CRWT-	[14.5] DPT_-Value_Amplitude	4 Bytes
1891	Facade 24 (output)	Pyranometer status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1892	Facade 24 (input)	Indoor temperature measured value in °C	-RW--	[9.1] DPT_-Value_Temp	2 Bytes
1893	Facade 24 (input/output)	Enable/disable internal temperature lock	CRWT-	[1.2] DPT_Bool	1 Bit
1894	Facade 24 (input/output)	Indoor temperature lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1895	Facade 24 (input)	Indoor temperature unlock/lock via bit object	CRW--	[1.2] DPT_Bool	1 Bit
1896	Facade 24 (output)	Indoor temperature lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1897	Facade 24 (input/output)	Sun auto. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1898	Facade 24 (input/output)	Sun aut. Outdoor temp. unlock/lock	CRWT-	[1.2] DPT_Bool	1 Bit
1899	Facade 24 (input/output)	Sun auto. Outdoor temp. lock in °C	CRWT-	[9.1] DPT_-Value_Temp	2 Bytes
1900	Facade 24 (output)	Sun auto. Outdoor temp. lock status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit
1901	Facade 24 (input/output)	Sun auto. Azimuth from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1902	Facade 24 (input/output)	Sun auto. Azimuth to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1903	Facade 24 (input/output)	Sun auto. Elevation from (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1904	Facade 24 (input/output)	Sun auto. Elevation to (in °)	CRWT-	[14.7] DPT_-Value_AngleDeg	4 Bytes
1905	Facade 24 (input)	Sun auto. Brightness measured value in lux	-RW--	[9.4] DPT_-Value_Lux	2 Bytes
1906	Facade 24 (input/output)	Sun auto. Brightness limit in lux	CRWT-	[9.4] DPT_-Value_Lux	2 Bytes
1907	Facade 24 (output)	Sun auto. Status (1:On | 0:Off)	C-WT-	[1.2] DPT_Bool	1 Bit

No	Text	Function	Flags	DPT type	Size
1908	Facade 24 (input/output)	Sun aut. extension delay in min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1909	Facade 24 (input/output)	Sun auto. Retraction delay short in sec.	CRWT-	[7.5] DPT_TimePeriodSec	2 Bytes
1910	Facade 24 (input/output)	Sun auto. Retraction delay long in Min.	CRWT-	[7.6] DPT_TimePeriodMin	2 Bytes
1911	Facade 24 (input/output)	Repetition release	CRWT-	[1.2] DPT_Bool	1 Bit
1912	Facade 24 (input/output)	Repeat (1:Trigger | 0:Trigger)	CRWT-	[1.17] DPT_Trigger	1 Bit
1913	Facade 24 (output)	Movement position	C-WT-	[5.1] DPT_Scaling	1 Byte
1914	Facade 24 (output)	Slat position	C-WT-	[5.1] DPT_Scaling	1 Byte
1915	Facade 24 (input/output)	Channel Status Output (1:On | 0:Off)	CRWT-	[1.2] DPT_Bool	1 Bit
1916	Facade 24 (output)	Channel State Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1917	Facade 24 (output)	Channel Status Bit Text	C-WT-	[16.0] DPT_String_ASCII	14 Bytes
1918	Facade 24 (output)	Channel status bit State	C-WT-	[1.2] DPT_Bool	1 Bit
1919	Facade 24 (output)	Channel delay	C-WT-	[7.5] DPT_TimePeriodSec	2 Bytes
1920	Facade 24 (input)	Channel status bits selection (1:+ | 0:-)	-RW--	[1.7] DPT_Step	1 Bit

5. Setting of the parameters

In general, by sending periodically, the value/status can be sent on the bus even if there is no change.

5.1. Behaviour in case of power failure/restore of power

Behaviour following a failure of the bus power supply:

The device sends nothing.

Behaviour on bus restore of power and following programming or reset:

The device sends all measurement values as well as switching and status according to their send behaviour set in the parameters with the delays fixed in the "General settings" parameter lock.

5.2. General settings

The bus load is limited with the aid of the maximum message rate. Many messages per second put a strain on the bus but ensure faster data transmission.

Maximum telegram rate	1 • 2 • 3 • 5 • 10 • 20 messages per sec.

This is where you set the send delays after reset/bus power return.
These delays should be coordinated with the entire KNX-system, i.e. in a KNX system with many participants, care should be taken that the bus is not overloaded after a KNX-bus reset. The messages sent to the individual participants should be staggered.

Transmission delay after reset/bus restoration for:	
Façade objects	5 ... 300 seconds
time switch objects	5 ... 300 seconds

5.3. Inputs

Mechanical buttons, encoders or scene can be connected to and triggered from the 9 digital inputs of the **BX8 KNX**.

Activate the inputs you want to use.

Input 1...9	Do not use • use

5.3.1. Input 1- 9

Select the function or which drive you want to control with the input.

Bus function	• Switch • Selector switch • Blind • Shutters • Awning • Windows • Dimmer • 8-bit encoder • Temperature encoder • Brightness encoder • Scenes

Input as switch:

Specify which value is sent when pressing the button.

Command when pressing the button	• send 0 • send 1 • Do not send message

Specify which value is sent when releasing the button.

Command when releasing the button	• send 0 • send 1 • Do not send message

Here you set when the switching output is to be sent to the bus.

Send value	• upon a change • upon a change to 1 • upon a change to 0 • upon change and periodically • upon a change to 1 and periodically • upon a change to 0 and periodically

For periodic sending, the switch output is sent to the bus in a fixed cycle that can be specified here.

Cycle *(is sent only if "periodically" is selected)*	5 s ... 2 h; 1 min

The switch output can be locked by the lock object (input), for example through a manual command (button).

Use lock object	No • Yes

Specify which value is sent once when the lock is activated.

When activating the lock once	• send 0 • send 1 • Do not send message

Specify which value is sent once when the lock is deactivated.

When deactivating the lock once	• send 0 • send 1 • Do not send message

Input as changeover switch:

Specify whether a change is activated upon pressing.

Command when pressing the button	• Changeover switching • Do not send message

Specify whether a change is activated upon release.

Command when releasing the button	• Switch • Do not send message

The switch output can be locked by the lock object (input), for example through a manual command (button).

Use lock object	No • Yes

Input for shutter, blind, awning or window control:

Specify the direction of movement of the drive.
The drive moves in the specified direction when pressing the button for a longer period. If both directions are specified, the drive moves in the other direction with the second long press.
The drive stops with a short push of the button.
There is also a step command for blinds. This is executed when the button is pressed briefly, provided the drive is at a standstill.

Behaviour on button actuation in standard control mode:

	short:	**hold**
Blind	Stop/Step	Up or down
Shutters	Stop	Up or down
Awning	Stop	Retract or extend
Windows	Stop	Close or open

Command (button function)	Up • Down Up • Down• Up/Down Retract • Extend • Retract/Extend Open • Close • Open/Close	(Blind) (Shutters) (Awning) (Window)

Specify the control mode of the drive.

Standard:

Short actuation to move the drive stepwise and to stop it. Hold it longer to move the drive to the end position.

Standard inverted:

Log actuation to move the drive to end position. Short actuation to move the drive stepwise and to stop it.

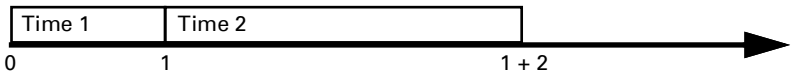
Comfort mode:

In comfort mode: short, medium and long pressing of the button trigger different responses from the drive. The time intervals are configured individually.

Short press (shorter than Time 1): Drive is positioned in steps or stopped.
Medium press (longer than Time 1, but shorter than time 1+2): Drive moves. Drive stops when the button is released.

Long press (released after Time 1+2): Drive moves independently to the end position. The move can be stopped by a short pressing of the button.

Fig. 1
Comfort mode time interval scheme



Time point 0:	*Press the start, start Time 1*
Release before Time 1 ends:	*Step (or stop if the drive is moving)*
Time point 1:	*End of Time 1, beginning of Time 2, Movement command*
Release after Time 1 ends but before Time 2 ends:	*Stop*
Release after Time 1+2 runs out:	*Movement to the end position*

Dead man control:

The drive moves as soon as the button is pressed and stops when the button is released.

Control mode	• Standard • Standard inverted • Comfort mode • Dead man switch

The time difference between 'short' and 'long' can be adjusted individually.

Behaviour when a button is operated: short = stop/step long = up or down	
Time between short and long in 0.1 seconds *(Standard or standard inverted)*	1...50; 10

The repeat interval is set individually.

Repetition of the step command on long button press *(Standard inverted)*	every 0.1 s... • every 2 s; every 0.5 s

Time 1 is set individually.

Behaviour when a button is operated: Push-button is pressed and Released before expiry of Time 1 = stop/step Held longer than Time 1 = up or down Released between Time 1 and 1 - 2 = stop Released after Time 1 + 2 = no more stop	
Time 1 *(Comfort mode)*	0 s ... 2 s; 0,4 s

Time 2 is set individually.

Time 2 *(Comfort mode)*	0 s ... 3 s; 2 s

Control mode	**Dead man control**
Behaviour when a button is operated: Press button = Up or down command Release button = Stop command	

The switching output can be locked using the locking object (input), e.g. by a manual command (button).

Use lock object	No • Yes

Input as dimmer

Specify the dim function. If both dim functions are specified, the button function dims in the other direction with the second long press.

Push-button function	Brighter • darker • Brighter/darker

A short press of the button toggles the device (on/off). A longer press activates the dimmer (brighter or darker). The time between “Switch” (short) and “Dim” (long) is set here.

Time between switching and dimming (in 0.1 s)	1...50; 5

Specify whether the dim command should be repeated when the button is pressed longer.

Repeat the dim command	No • Yes

The repeat interval is set individually.

Repeat the dim command on long button press *(if dimmer command is repeated)*	every 0.1 s... • every 2 s; every 1 s

Specify the dim value for the repeat of the dim command.

Dim by *(if dimmer command is repeated)*	1.50% • 3% • 6% • 12,50% • 25% • 50%

The switching output can be locked using the locking object (input), e.g. by a manual command (button).

Use lock object	No • Yes

Input as 8-bit encoder:

Specify which value is sent.

Value	0...255

The switching output can be locked using the locking object (input), e.g. by a manual command (button).

Use lock object	No • Yes

Input as temperature encoder:

Specify which value is sent.

Temperature in 0.1°C	-300...800; 200

The switching output can be locked using the locking object (input), e.g. by a manual command (button).

Use lock object	No • Yes

Input as brightness encoder:

Specify which value is sent.

Brightness in kLux	0...100; 20

The switching output can be locked using the locking object (input), e.g. by a manual command (button).

Use lock object	No • Yes

Input for scene controls (scenes):

Specify whether the button should also be used to store the scene (press longer).

Button operation	• without saving • with saving

Specify the minimum time that the button must be pressed for the scene to be saved.

Time between call up and storage in 0.1 s *(only for control)*	1...50; 20

The scene number is set here.

Scenario (0-127, corresponds to scene no. 1-128)	0...127

The switching output can be locked using the locking object (input), e.g. by a manual command (button).

Use lock object	No • Yes

5.4. Event timer

Use the event timer to trigger an event on specific days of the week at a specific time.

Use event 1 ... 8	No • Yes

5.4.1. Event 1...8

Select whether the event is adjustable (status object is output and is sent to the bus) or whether the event is received externally via the bus (status object is input).

Event	• can be set (status-object is output) • can be switched (status-object is input)

Settable event (status-object is output)

Specify whether the event time and the day of the week can be set per object.

Use objects for time point settings	No • Yes

Here you can set the cases when the **time received via the communication object** (time and weekday -> one object each) should be retained. Please note that the setting 'after power return and programming' should not be used for initial commissioning, as the factory settings are always used until the 1st communication.

The time point received by communication object	
should	• not be retained • sent after power is restore • sent after power is restored and programming
.	

Set the event time for this event.

Event time (hours)	0 ... 23
Event time (minutes)	0 ... 59

Set the day of the week for this event.

on the following days of the week	
Monday ... Sunday	No • Yes

Set whether you only want to use the event internally for the façade control ('No') or also externally via an event status object for other bus devices ('Yes').

Use event status object	No • Yes

Set the value of the status object.

Status object value	0 • 1

5.5. Weekly timer

In the weekly timer in the device 24 periods can be defined. These periods are used, for example, for the internal automatic function timed movement.

The respective period objects can be configured as inputs or outputs, i.e. send to the bus (timer internal, use internal and for other bus members) or be switched from there (timer function via an external device). If several devices are used in the system, the

timer settings may be done on one device that sends the period objects as output. The other devices take over the timer-command (input), whereby a better synchronisation is achieved.

Activate the required periods for the weekly timer. The menus for the further setting of the computer are then loaded.

Use periods 1 ... 24	No • Yes

5.5.1. Weekly timer period 1-24

Select whether the period is adjustable (status object is output and is sent to the bus) or whether the period is received externally via the bus (status object is input).

Period	• can be set (status-object is output) • can be switched (status-object is input)

Settable period (status-object is output)

Specify whether the switch times (switch-on time, switch-off time, and day of the week) can be set per object.

Use objects for switching times	No • Yes

This is where you set the cases when the **switch times received via the communication object** (switch-on time, switch-off time, and day of the week) should be retained. Please note that the setting 'after power return and programming' should not be used for initial commissioning, as the factory settings are always used until the 1st communication.

The nominal values and delay times	
Switching data should	• do not send • after restoration of power • after power restore and programming
.	

Set the switch-on time for this period.

Switch on time (hours)	0 ... 23
Switch on time (minutes)	0 ... 59

Set the switch-off time for this period. If, for example, 15:35 is set as the switch-off time, the output switches off on the change from 15:35 to 15:36.

Switch-off time (hours)	0 ... 23
Switch-off time (minutes)	0 ... 59

Set the day of the week for this period.

on the following days of the week	
Monday ... Sunday	No • Yes

Set the transmission behaviour of the weekly timer switching output (if the switch-on time is reached, a 1 is sent if applicable. If the switch-off time is exceeded, a 0 is sent if applicable).

Switching output sends	• do not send • upon changes • upon a change to 1 • upon a change to 0

5.6. Calendar timer

The calendar timer defines switching sequences for specific periods during the year. For example, a garden pond pump can only be operated during the summer months.

Use period 1 / 2 / 3 / 4	**Yes** • No

5.6.1. Calendar period 1 / 2 / 3 / 4

Select whether the period is adjustable (status objects are output and are sent to the bus) or whether the period is received externally via the bus (status objects are inputs).

Period	• can be set (Status objects are output) • is switchable (Status objects are inputs)

Set whether the switching date (start date and end date) and switching time (per sequence for each switch-on time and switch-off time) are set by object.

Use objects for switching times	No • Yes

This is where you set the cases when the **switch dates and times received via the communication object** (start date, end date and switch-on time and switch-off time per sequence) should be retained. Please note that the setting 'after power return and programming' should not be used for initial commissioning, as the factory settings are always used until the 1st communication.

The nominal values and delay times	
Switching data and times should	• do not send • after restoration of power • after power restore and programming
.	

Start date is defined.

from:	
Month	January ... December
Day	1 ... 29 / 1 ... 30 / 1 ... 31 (according to month)

End date is defined.

Up to and including:	
Month	January ... December
Day	1 ... 29 / 1 ... 30 / 1 ... 31 (according to month)

Sequence 1 / 2

Specify the switch-on time for each day of the set period.

Switch on time (hours)	0 ... 23
Switch on time (minutes)	0 ... 59

Specify the switch-off time for each day of the set period.

Switch-off time (hours)	0 ... 23
Switch-off time (minutes)	0 ... 59

Set the transmission behaviour of the weekly calendar timer switching output (if the switch-on time is reached, a 1 is sent if applicable. If the switch-off time is exceeded, a 0 is sent if applicable).

Send sequence 1 / 2 status	• do not send • upon changes • upon a change to 1 • upon a change to 0

5.7. Optimally use the façade control functions

5.7.1. Classifying the façades for the control unit

The control options for shades are façade-related functions.

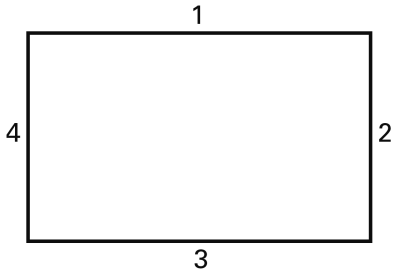


Fig. 2

Most buildings have 4 façades. It is generally recommended that the solar protection of each façade be controlled separately.

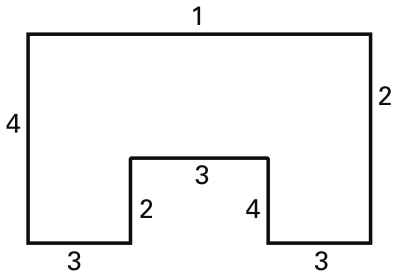


Fig. 3

Even in buildings with a U-shaped layout, only 4 façades need to be controlled differently, as several have the same alignment.

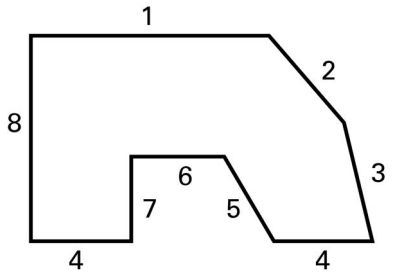


Fig. 4

In buildings with an asymmetrical layout, the façades with a non-right-angled orientation (2, 3, 5) and façades that are set back (6) must be controlled separately.

Curved/round fronts should be divided into several façades (segments) to be controlled individually.

If a building has more than 12 façades, the deployment of another weather station is recommended; particularly as this also makes it possible to measure the wind speed in another location.

For multiple buildings, wind measurement should take place separately for each building (e.g. with additional KNX W sl wind sensors), wind speeds may vary depending on the relative positions of the buildings.

5.7.2. Orientation and inclination of the façade

Alignment and slant of the façade are needed for the shadow edge tracking and the slat auto-guide.

Top view

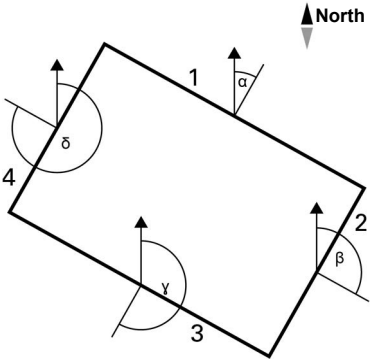


Fig. 5

The façade orientation corresponds to the angle between the North-South axis and the façade vertical. The angle α is measured here in a clockwise direction.

The façade orientations result as follows:

Façade 1: α
Façade 2: β = α+ 90°
Façade 3: γ = α + 180°
Façade 4: δ = α + 270°

Example: If the building is turned by α = 30°, then the façade direction for façade 1 = 30°, façade 2 = 120°, façade 3 = 210° and façade 4 = 300°.

Side view

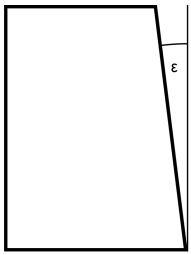


Fig. 6

If a façade surface is not oriented vertically, this must be taken into account. A forward inclination of the façade is counted as a positive angle; a backwards inclination (as in the picture) as a negative angle. This also allows a sunshade of a window built into a sloping roof surface to be controlled according to the current position of the sun.

If a façade is not a flat surface, but rather arched or bent, it must be subdivided into several segments to be controlled separately.

Remember, when setting a façade inclination greater than 0° also to adjust the height of the sun at which shading is to take place.

5.7.3. Shadow edge tracking and slat tracking

Shadow edge tracking

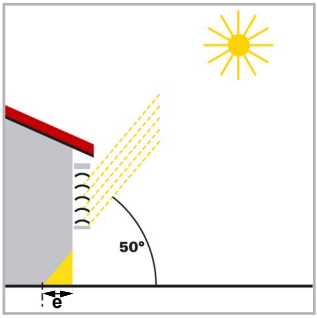
With shadow edge tracking the sunshade is not moved down fully; instead, it is moved only so far that the sun can still shine a configurable distance (e.g. 50 cm) into the room. This allows the room user to look outside through the lower part of the window, and plants which may be on the window ledge to be exposed to the sun.

Shadow edge tracking can only be used with a sunshade which is moved **from the top downwards** (e.g. shutters, textile shades or blinds with horizontal slats). This function *cannot* be used with sunshades which are pulled in front of a window from one or both sides.

Slat tracking

During slat tracking, the horizontal slats of shutters are not fully closed but rather automatically adjusted according to the position of the sun so that it cannot shine directly into the room. Diffuse daylight can still enter the room through the slats and contribute to dazzle-free room lighting. Using slat tracking with an external shutter, the entry of warm air into the room through sunshine can be reduced and, at the same time, energy costs for lighting the room can be reduced.

Using shadow edge tracking and slat tracking

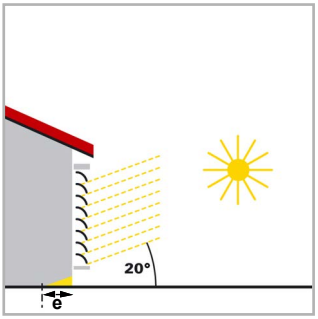


Sunshade when the position of the sun is high

Fig. 7

The sunshade is only partially closed and automatically moved down only enough so that the sun cannot shine further into the room than specified via the maximum permitted penetration depth (e).

The slats can be set horizontally without the sun shining directly into the room.

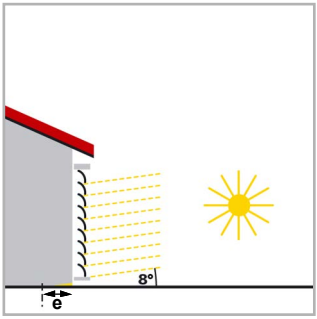


Sunshade when the sun is in a central position

Fig. 8

The sunshade is automatically moved down only far enough so that the sun does not exceed the maximum permitted penetration depth (e) in the room.

The slats are automatically closed further, so that the sun cannot shine directly into the room. Despite that, diffuse daylight can still reach the room and thereby contribute to the room lighting.



Sunshade when the position of the sun is low

Fig. 9

The sunshade is automatically moved down almost fully, so that the sun does not shine too far into the room.

The slats are automatically closed further, so that the sun does not shine in directly.

5.7.4. Slat types and determination of width and spacing

With slat tracking, a distinction is made between a sunshade or glare protection with horizontal slats and one with vertical slats.

A sunshade with horizontal slats (e.g. external shutter) is typically moved downwards from the top. In the case of an internal glare protector there are versions consisting of thin strips of material (vertical slats), which can be rotated by up to 180° and are pulled out from one or both sides of the window.

Both types of slat can be adjusted by the sensor **BX8 KNX** so that no direct sunlight enters the room, but instead as must diffuse daylight as possible.

In order for slat tracking to position the slats correctly, their width and spacing from one another must be known.

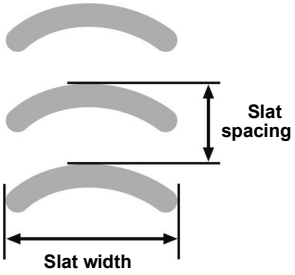


Fig. 10

Horizontal slats

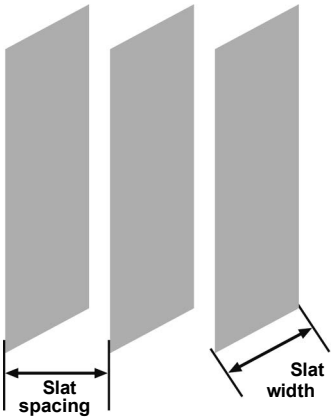


Fig. 11

Vertical slats

5.7.5. Slat position for horizontal slats

The slat angle at 0% move command and at 100% move command must, during commissioning, be compared against the pre-settings of the product parameters of **Blind Control Extension BX8 KNX**, and, if necessary, corrected, so that the slat guide on the façade works properly.

The drive used for the shutters defines whether this adjustment can take place almost continuously during slat tracking in many small steps (as with SMI drives, for example) or whether it is only possible in a few large steps (as with most standard drives).

Slat position at 100%

After moving to the 100% slat position the slats form an angle α with the vertical. This angle must be entered in the parameter "Slat angle (in °) after slat move command 100%" (see Sonnenschutzposition und Nachführungen, Seite 98 following). The default setting is 10°.

The angle α is always measured to the vertical (perpendicular).

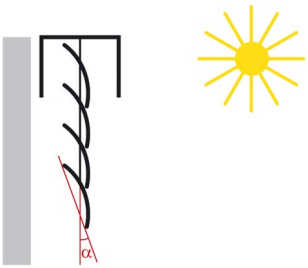


Fig. 12

Example of a typical slat position at move command 100% (angle α approx. 10°)

Slat position at 0%

After moving to the 0% slat position the slats form another angle with the vertical. This must be entered in the parameter "Slat angle (in °) after slat movement command 0%" (see Sonnenschutzposition und Nachführungen, Seite 98 following). The default setting is 90°.

The possible angle at slat position 0% depends on the mechanics of the blind and the actuator.

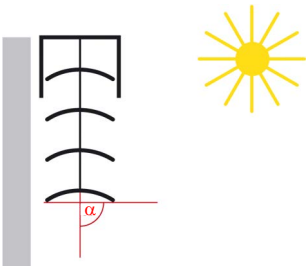


Fig. 13

Example 1 of a slat position at move command 0% (angle α approx. 90°)

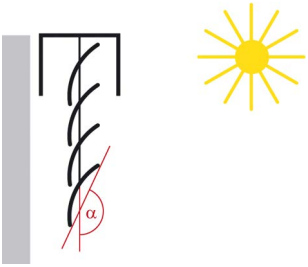


Fig. 14

Example 2 of a slat position at move command 0% (angle α approx. 160°)

By setting the actual angle at 0% and 100% slat position, the façade controller can convert the optimal slat angle for the actual sun position into a % command and transmit this to the actuator.

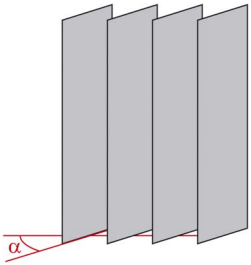
5.7.6. Slat position for vertical slats

The slat angle at 0% move command and at 100% move command must, during commissioning, be compared against the pre-settings of the product parameters of **Blind Control Extension BX8 KNX**, and, if necessary, corrected, so that the slat guide on the façade works properly.

Slat position at 100%

After moving to the 100% slat position, the slats form an angle α with the direction of movement. This angle must be entered in the parameter "Slat angle (in °) after slat move command 100%" (see Sonnenschutzposition und Nachführungen, Seite 98 following). The default setting is 10°.

The angle α is, seen from the outside, always measured to the left.



View from the outside

Fig. 15

Example of a slat position at move command 100% (angle α approx. 10°)

Position 0%

After moving to the 0% slat position, the slats form another angle with the direction of movement. This must be entered in the parameter "Slat angle (in °) after slat move command 0%" (see Sonnenschutzposition und Nachführungen, Seite 98 following). The default setting is 90°.

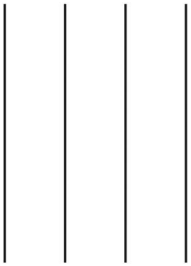
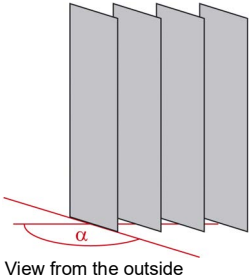


Fig. 16

Example 1 of a slat position at move command 0% (angle α approx. 90°)



View from the outside

Fig. 17

Example 2 of a slat position at move command 0% (angle α approx. 130°)

The possible angle utilisation (difference between slat position 100% and 0%) depends on the mechanics of the blind and the actuator. Take care that the angle utilisation is not limited by the configuration of the actuator.

By setting the actual angle at 0% and 100% slat position the façade controller can convert the ideal slat angle for the actual sun position into a % command and transmit this to the actuator.

5.8. Simulation

Simulation objects help when testing the settings that have been made for façades. They are activated in the setting area *Façades*. By sending various values to the simulation objects number 236 to 248, different weather conditions and times of day can be tested. With the object "248 façade simulation reset (1:Reset)" you can delete all the simulation values that were set.

Activating simulation

In order to start the simulation, the simulation object for the façade must be activated. For façade 1, this is, for example, the object “250 faç. 1 Simulation (1:On | 0:Off)”. Set the value of this object to 1 to start the simulation for façade 1.

The façade and all subordinate functions must be enabled (no locks active) so that the simulated positions can be output.

When the simulation is activated the retraction delay (movement delay LONG) is set to 10 seconds. All other delay times are set to 0. All output objects of the relevant façade adapt their state to the values of the input objects for the simulation. The objects for normal operation are ignored.

Ending the simulation

Set the value of the object “Faç. 1 Simulation (1:On | 0:Off)” to 0 in order to end the simulation for façade 1.

When deactivating the simulation, it is possible that when an automation is performed for the first time (e.g. sun automation) that the delay times from the simulation are still used. All output objects of the relevant façade adapt their state to the values of the input objects for normal operation. The simulation objects are once again ignored.

The most recently received values for the simulation objects and also for the objects for normal operation are retained when switching between simulation and normal mode. No reset takes place. This means that after ending the simulation, the last used value for normal operation is applied.

Calculation of the sun position for the simulation

During the simulation it is possible to have the sun position, dependent on the simulation object for date and time, sent to the bus. In order that this functions, a location must be set in the product parameters or the location received via GPS. As long as the location is unknown sun positions are not calculated in the simulation.

5.9. Status output

The status of the automation functions of the façade controller can be used for visualisation or other bus functions. The device offers various possibilities for the status output.

Object status

A status object is available for every function of the automatic.

For the rain alarm on façade 1, for example, it is the object No. 269 "Façade 1 rain alarm status".

Status of all façades

The status of all façades and their automatic functions can be issued in a compact form via an automatic status-bit object. For each façade, the status of security, automatic delay after alarm, wind extension lock, timed opening, timed movement 2/night mode, heat protection, pyranometer, automatic rain function, indoor temperature lock, outdoor temperature lock, shading due to sun or automatic status can be output. Only the condition *of one* function *of one* façade is always issued. Using the object 655 one can switch to the next function (status-bit) and/or with the object 650 to the next façade.

The objects 648 to 655 are used for the compact output.

No.	Identification	Range	Function / Info
228	Fac. X channel Status output	Activation	Set to "active" in order to use the status output
229	Fac. X channel Name	Façade	Output of the façade name (when changing façades). Name of the parameter can be adapted (see Façade safety, Seite 118).
230	Fac. X channel (1:+ | 0:-)	Façade	Change to the next/previous façade.
231	Fac. X channel Status text	Status	Output of the condition of the selected status-bit as text. Text can be adapted per parameter, see Texts for façade (Object "Fac. X channel state text", Seite 117.
232	Fac. X channel Status-bit text	Status	Text output for visualising the selected status-bit (when changing the status bit). Text can be adapted per parameter, see Texts for status bits (Object "Fac. X channel status bit text", Seite 117.
233	Fac. X channel Status-bit condition	Status	Output of the selected automatic status-bit

No.	Identification	Range	Function / Info
234	Fac. X channel Delay	Status	Displaying the delay time for the selected status-bit. Some automation functions have delay times that must first be run through before the status-bit is (re-)set.
235	Fac. X channel Status bits selection (1:+ | 0:-)	Status	Output of the automatic status-bit

Status of a façade

The compact form of the status output described for all façades can also be performed for single façades. For this, the objects 305 to 310 are used for façade 1, for the other façades the objects named accordingly for the desired façade. The status output corresponds to that for all façades, only that here the objects for changing façades and the text object for the output of the name of the façade are missing. The text output with the object 307 "Façade 1 channel status-bit text" is also taken from the table *Texts for object „façade. X: channel status bit"*.

5.10. Façade setting

The number of façades used depends on the project requirements, see chapter "Classifying the façades for the control unit" on page 102.

Façade 1 ... 8	No • Yes

In addition, basic settings for façade control are made in the façade menu, e.g. for sensor monitoring, automatic rain, twilight, frost and heat protection and status output.

General settings

Enter the unit for the wind speed according to the weather sensor used.

If the units are changed, the parameters in the wind thresholds and façade/wind alarm have to be set!

Unit for wind speed: (applies to all parameters and measured values)	m/s • km/h

Set the object type for the azimuth and elevation.

Azimuth/elevation object type	4 Byte floating point • 2 Byte floating point

Set the object type for the pyranometer.

Pyranometer object type	4 Byte floating point • 2 Byte floating point

Specify whether status bits and release bits should be sent after a reset.

Send status bits and release bits after reset?	No • Yes

Specify whether movement positions should be sent after a reset.

Send status of thresholds changeable by object after a reset?	No • Yes

Specify whether the status of thresholds changeable by object should be sent after a reset.

Send movement positions after reset?	No • Yes

The objects for simulating various parameter settings can be activated here. For this simulation, with the exception of a retraction delay (10 seconds), no time functions (delay times etc.) are used. Please observe the instructions for the simulation in chapter Simulation, Seite 110

Use simulation objects	No • Yes

Specify in which cases threshold values received via the object should be retained. Please note that the setting 'after power has been restored and programming' should not be used for initial commissioning, as the factory settings are always used until the 1st communication (setting via objects is ignored).

The nominal values and delay times	
Target threshold values are	• do not send • after restoration of power • after power restore and programming
.	

Sensor monitoring

If the functionality of the wind and rain sensors is to be checked, use wind and rain object monitoring. If data is not regularly being received from the sensors, a defect is assumed and the corresponding alarm is triggered.
The measured values for wind, outside temperature and global radiation (pyranometer) are monitored **for changes** independently of the sensor monitoring. After 48 hours without any change in the measured values, a defect is assumed and the corresponding function is set to alarm or lock. No settings are required for this.

Using wind and rain object monitoring	No • **Yes**

Set the monitoring period.

Monitoring period	5 s ... 2 h; 1 min

Rain automation

For external shades, either a rain alarm or a rain automation can be set which have opposite functions. The selection is made in the menu *Façades: Façade X safety*.

The rain alarm protects the shading against getting wet. Under certain conditions, the rain automation ensures that the shading is extended during rainfall. The curtain can thus be cleaned by natural means. Please observe the specifications from the manufacturer of the curtain and set the rain alarm or automation accordingly.

Rain alarm: Shade retracts as soon as precipitation is registered and is locked during the precipitation.
Rain automation: Precipitation is only taken into account in the set periods. A rain position is approached. The extension delay during precipitation can be set.
If rain automation has been set for the shading, the extension delay can be specified directly by parameter or received as an object via the bus.

Specification of the extension delay for rain automation per	Parameter • object

Set the extension delay for the Rain automatic.

Extension delay on rain automation (in minutes) *(for specification via an object only valid until 1st communication)*	0 ... 360; 5

If specifying the threshold **per object**, the minimum and maximum extension delay is also set.

Minimum extension delay (in minutes)	1 ... 120
Maximum extension delay (in minutes)	1 ... 120

Night

The night threshold value can be specified directly by parameter or received as an object via the bus. The device's internally measured value is used for brightness. The switch delay between day and night is 1 minute.

Specification of the threshold for night per	Parameter • object

Specify the night threshold.

Night below brightness (in lux) *(for definition via an object only valid until 1st communication)*	1 ... 200; 10

When specifying the threshold **per object**, the minimum and maximum settable twilight values for the parameter change are also defined.

Minimum settable value (in lux) for twilight	1 ... 200; 2
Maximum settable value (in lux) for twilight	1 ... 200; 100

Heat protection

Measures for heat protection in the summer can be taken here, e.g. close shutters. The threshold value can be specified directly by parameter or received as an object via the bus.

Specification of the threshold value for heat protection per	Parameter • object

Define the outdoor temperature for the heat protection.

Activate heat protection, if outdoor temperature is exceeded.	
Temperature (in 0.1°C) *(for definition via an object only valid until 1st communication)*	100 ... 500; 350

When specifying the threshold **per object**, the minimum and maximum settable temperature for the parameter change are also defined.

Minimum settable temperature (in 0.1°C) *(for specification per object)*	100 ... 500; 200
Maximum settable temperature (in 0.1°C) *(for specification per object)*	100 ... 500; 380

The value of the switching interval determines by how many °C the temperature must fall below the limit value before the heat protection is inactive again.

Switching interval (hysteresis) (in 0.1°C)	10 ... 200; 50

Frost alarm

The frost alarm is active in cold outdoor temperatures in combination with precipitation. The conditions can be specified directly by parameter or received as an object via the bus.

Specification of the frost protection values per	Parameter • object

Specify the outdoor temperature and the duration of the fall below the minimum temperature for the start of the frost alarm.

Start frost alarm when	
an external temperature of (in 0.1 °C) is not reached. *(for definition via an object only valid until 1st communication)*	-200 ... 300; 20
during or until (in hours) after precipitation. *(for definition via an object only valid until 1st communication)*	1 ... 10; 5

Specify the outdoor temperature and the duration of the rise for the start of the end alarm.

End frost alarm when	
an external temperature of (in 0.1 °C)	-200 ... 300; 50
for more than (in hours) is exceeded.	1 ... 10; 5

When specifying the conditions **per object**, the minimum and maximum settable temperatures for the start of the frost alarm are also defined.

Start frost alarm when	
Minimum outdoor temperature that can be set (in 0.1 °C)	-200 ... 300; -10
Maximum outdoor temperature that can be set (in 0.1 °C)	-200 ... 300; 40

The time set here is the minimum period during which the outside temperature must be below the threshold before the frost alarm starts.

Start frost alarm when	
Minimum start-time that can be set (in hours)	1 ... 10

The time set here is the maximum period during which the outside temperature must be below the threshold before the frost alarm starts.

Start frost alarm when	
Maximum start-time that can be set (in hours)	1 ... 10

When specifying the conditions **per object**, the minimum and maximum settable temperatures for the end of the frost alarm are also defined.

End frost alarm when	
Minimum outdoor temperature that can be set (in 0.1 °C)	-200 ... 300; 20
Maximum outdoor temperature that can be set (in 0.1 °C)	-200 ... 300; 100

The time set here is the minimum period during which the outside temperature must be above the threshold before the frost alarm ends.

End frost alarm when	
Minimum start-time that can be set (in hours)	1 ... 10

The time set here is the maximum period during which the outside temperature must be above the threshold before the frost alarm ends.

End frost alarm when	
Maximum start-time that can be set (in hours)	1 ... 10

Status output façade

Information on the various possibilities for the status output can be found in chapter Status output, Seite 111. In principle, the status output is a singular function, but, in compact form, possible for singular and for all façades. For the output in a compact form, pre-sets are made here and the output texts defined.

Set which value in the status release object **for all façades** means active respectively inactive.

Analysis of the status release object	• 1 = activated | 0 = deactivated • 0 = activated | 1 = deactivated

An object value up to the 1st communication is specified here.

Value until 1st communication.	0 • 1

In the status output, the selected status bit (i.e. the function) and, if applicable, the active façades are output as text. As a result, it can easily be visualised which status is just being issued. The texts can be adapted individually and should, as a maximum, be 14 characters long.

Texts for façade (Object "Fac. X channel state text"

Safety	Safety [free text]
Automatic delay after alarm	Autom. delay [Free text]
Wind extension lock	Wind ext. bl. [Free text]
Timed movement 1	Timed movement 1 [free text]
Timed movement 2/Night mode	Time move. 2/Night [free text]
Heat protection	Heat protection [free text]
Pyranometer	Pyranometer [free text]
Rain automatic	Rain automation [free text]
Interior temperature lock	Int. temp. Sp. [Free text]
Sun automation	Sun protection [free text]
No automation active	No automat. [Free text]

Texts for status bits (Object "Fac. X channel status bit text"

locking the automation via Communication object	Auto. lock [free text]
Wind extension lock status	Wind ext. bl. [Free text]

Wind alarm status	Wind alarm [free text]
Rain alarm status	Rain alarm [free text]
Rain automation status	Rain automation [Free text]
Frost alarm status	Frost alarm [free text]
Safety status	Safety [Free text]
Timed movement 1 Status	Timed movement 1 [free text]
Night mode status	Night operation [free text]
Timed movement 2 Status	Timed movement 2 [free text]
Heat protection status	Heat protection [Free text]
Pyranometer status	Pyranometer [Free text]
Indoor temperature locking status	Indoor-temp lock [free text]
Outdoor temperature locking status	Outdoor-temp lock [free text]
Sun shining on façade status	Sun on fac. [free text]
Sun bright, short retraction delay Status	Bright. short [free text]
Sun bright, long retraction delay Status	Bright. long [free text]

5.10.1. Façade safety

Set the basic and safety relevant functions for the façade.

Enter a name for the façade.

Name	Façade 1 [free text]

Specify whether simulation objects should be loaded. Simulation help when testing the settings that have been made. For this observe the chapter Simulation, Seite 110.

Use simulation objects	No • Yes

For shutters and slat blinds use the setting - shade has slats. As a result, further settings, especially for slats, are possible.

Façade with slats?	none • horizontal • vertical

Set the cases in which the threshold values received are to be kept per object. Please note that the setting ‘after power has been restored and programming’ should not be used for initial commissioning, as the factory settings are always used until the 1st communication (setting via objects is ignored).

The nominal values and delay times	
Values should be retained	• never • after restoration of power • after power restore and programming

Applies to all parameter settings that can be changed per object in 'Façade function, safety' and 'Façade automation' and to locks and releases that can be set by object.

Move command, free fac. Move/slat position per bit object

Specify whether the movement and slat position can be changed per bit object.

Position changeable per bit object	No • **Yes**

Specify the movement and slat position for object value 0.

on object value = 0	
Movement position (in %)	0 ... 100
Slat position (in %)	0 ... 100

Specify the movement and slat position for object value 1.

on object value = 1	
Movement position (in %)	0 ... 100
Slat position (in %)	0 ... 100

Façade lock, lock movement/slat position

The façade has a separate lock object. For example, a manual command (push-button) can lock the shading.
Set here whether the lock takes effect at value 0 or 1.

Assessment of the lock object	• 1 = lock | 0 = release • 0 = lock | 1 = release

Set the value of the locking object here before the 1st communication, i.e. after commissioning or bus power return.

Locking object value before 1st communication	0 • 1

If the lock is lifted, the last saved automatic command can be executed or you can wait for the next one.

Action after locking	• executing the last automation command • Waiting for next automation command

Safety object

Specify here whether wind, frost and rain alarms should be combined into one safety object. This is necessary if an assigned actuator can only be signalled via a *single* object that it should move to the safe position.

Consolidate wind, frost and rain alarms to safety object?	No • Yes

Here you can set when the safety and alarm status objects are to be sent to the bus.

Send pattern of the safety and alarm status objects	• upon changes • upon a change to 1 • upon a change to 0 • on change and periodically • upon a change to 1 and periodically • upon a change to 0 and periodically

For periodic sending, the safety and alarm status objects are sent to the bus in a fixed cycle that can be specified here.

Send cycle *(if sent periodically)*	5 s ... 2 h; 1 min

Priorities

The functions of the façade are listed below by priority. Those listed first have higher priority: 1. wind, 2. frost, 3. rain.

Wind alarm

If the wind limit values are exceeded, a wind alarm can be triggered, i.e. the blind is retracted.

If the wind extension lock is active, the blind can no longer be extended (not even by manual commands). If the blind has already been extended, it remains in its position.

If the wind alarm is used, then, as a precaution, the alarm is activated, if over a period of 48 hours no change in the measured value has been recorded at the relevant wind sensor.

Set with what the wind alarm and, if desired, wind extension locking is to be defined.

If **alarm or extension lock per bit object** is defined, no further settings are required. The wind alarm is defined externally and the alarm or disable information is received by **BX8 KNX** as a 1-bit object.

If **alarm or extension lock per threshold value**is defined, then set which sensors are relevant for this. The values from the external wind communication objects assigned to the façades are used. If there are several sensors, only one needs to exceed the limit value for the alarm/lock to become active.

A delay can also be specified by parameter. It specifies the time that elapses after the limit value is exceeded before the wind alarm or wind extension lock is triggered. If the value falls below the limit value, a fixed hold time of 5 minutes elapses before the wind alarm / wind extension lockout is deactivated again. If the limit value is exceeded within the 5 minutes, the hold time starts again.

use	• No • as wind alarm per threshold value • as wind alarm per bit object • as wind alarm and extension lock per threshold value • as wind alarm per threshold value/extension lock per bit object • as wind alarm per bit object/extension lock per threshold value • as wind alarm/wind extension lock per bit object

You can use up to 12 wind sensors per façade.

Wind sensors used	
Façade Wind 1 ... 12	No • Yes

Specify the duration of the switch-on delay.

Switch-on delay (in s) due to wind	0 ... 255; 2

Select whether the threshold value and the switch-off delay should be specified by parameter or via a communication object.

Threshold value and switch-off delay Specification by	Parameter • object

The wind threshold value (extension lock) is specified here.

Wind threshold value (in 0.1 m/s) prevents shading (extension lock) *(for definition via an object only valid until 1st communication)*	0 ... 255; 15

The wind alarm threshold (wind alarm) is specified here.

Wind alarm threshold (in 0.1 m/s) retracts the shade (wind alarm) *(for definition via an object only valid until 1st communication)*	0 ... 255; 40/80

If specifying the conditions **per object**, the minimum and maximum threshold values are also set.

Minimum threshold value (in 0.1 m/s)	0 ... 255; 20
Maximum threshold value (in 0.1 m/s)	0 ... 255; 120

The switch-off delay is set here.

Switch-off delay (in minutes) *(for definition via an object only valid until 1st communication)*	1 ... 240; 5

If specifying the conditions **per object**, the minimum and maximum settable start-times are also defined.

Minimum start-time that can be set (in minutes)	1 ... 240; 5
Maximum start-time that can be set (in minutes)	1 ... 240; 30

Frost alarm

Set whether the frost alarm is to be used for this façade.

use	No • Yes

Further parameters for the frost alarm are set in the "façades" menu (see Frost alarm, Seite 115).

If the frost alarm is used, then, as a precaution, the alarm is activated, if over a period of 48 hours no change in the measured value has been recorded at the relevant outdoor temperature sensor.

Rain

In the event of precipitation either a rain alarm can be triggered for the façade, i.e. the shade is retracted and locked, or a rain automation is executed. The rain automation moves to a certain position and is valid for the periods set. At other times with "rain automation" set the shade does not react to precipitation.

Further parameters for the rain automation are set in the "façades" menu (see Rain automation, Seite 113). Rain alarm does not have any extension delay.

Set whether precipitation should trigger the rain alarm or the rain automation.

use	• No • as rain alarm • as rain automation

If a **rain alarm** is triggered, set whether the switch-off delay is to be specified directly by parameter or received as an object via the bus.

Switch-off delay Specification per	Parameter • Object

Set the switch-off delay for the rain alarm.

Rain alarm switch-off delay (in minutes) *(if specified by object, only valid until the 1st communication)*	0 ... 240

When specifying the switch-off delay **via object**, the minimum and maximum adjustable time is also defined.

Minimum adjustable time (in minutes)	0 ... 240
Maximum adjustable time (in minutes)	0 ... 240; 30

Define the value of the release object for the rain automation. Using the release object, the rain automation can be deactivated at short notice.

Evaluation of the rain automation - release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

If in the event of precipitation, the **rain automation** is triggered, then set in which periods of the week and the calendar-timer, the rain movement position is to be travelled to. The periods are defined in the menu "week timer" or "month timer" (see Weekly timer, Seite 99 and Calendar timer, Seite 101).

Within the automation functions the rain automation has a low priority. To show the sequence, the automatic rain function is listed again in the *Façade X Automation* menu, without any settings being able to be made.

Use rain automation	
with week timer	
Period 1 24	No • Yes
with calendar timer	
Period 1...4 Sequence 1/2	No • Yes

Then set the movement position.

Movement position (in %)	0 ...100
Slat position (in %) *(only for window shades with slats)*	0 ...100

Define the follow-up time The follow-up time is the delay time after the end of the precipitation warning.

Rain automation follow-up time in minutes	1 ... 120; 5

5.10.2. Façade automation

Set automation for the façade

Priorities

The functions of the façade are arranged according to their priorities. Those listed first have higher priority: 1. Timed movement 1, 2. Timed movement 2 and night mode, 3. Heat protection, 4. Pyranometer, 5. Rain automation, 6. Indoor temperature lock, 7. Automatic sun protection, 8. Repeat function.

Automatic delay after wind or rain alarm

The automatic function can be disabled in the event of a wind or rain alarm. The locking duration of the automatic system is either specified directly by parameter or received as an object via the bus.

Preset automation locking duration per	Parameter • object

Set the duration for which the automatic system is locked after wind and rain alarms.

Automatically locked after wind and rain alarm (in minutes) *(for definition via an object only valid until 1st communication)*	0 ... 360

If specifying the locking duration **per object**, the minimum and maximum settable times are also defined.

Minimum settable time (in minutes)	0 ... 360
Maximum settable time (in minutes)	0 ... 360; 30

Timed movement 1

The curtain can, at certain times, be opened compulsorily or stay open. A movement position can be defined for timed movement 1.

Set whether timed movement 1 is to be used.

use	No • **Yes**

Define the value of the release object for timed movement 1. The release object can be used to temporarily deactivate timed movement 1.

Evaluation of the Timed movement 1 release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

Set the time periods of the weekly timer and calendar timer in which the timed movement 1 travel position is approached. The periods are defined in the menu "week timer" or "month timer" (see Weekly timer, Seite 99 and Calendar timer, Seite 101).

Timed movement 1 used	
with week timer	
Period 1 24	No • Yes
with calendar timer	
Period 1...4 Sequence 1/2	No • Yes

You can specify that timed movement 1 is only performed once per period.

Timed movement 1 only once	No • Yes

Set the movement position.

Movement position (in %)	0 ...100
Slat position (in %) *(only for window shades with slats)*	0 ...100

Timed movement 2 and night mode

The curtain can, at certain times, and at night, be closed compulsorily. A movement position can be defined for timed movement 2 and night mode.

Set whether timed movement 2 is to be used

Use timed movement 2	No • Yes

Define the value of the release object for timed movement 2. The release object can be used to temporarily deactivate timed movement 2.

Evaluation of the Timed movement 2 release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

For **timed movement 2**, set the time periods of the weekly timer and calendar timer in which the timed movement 2 travel position 2 is approached. The periods are defined in the menu "week timer" or "month timer" (see Weekly timer, Seite 99 and Calendar timer, Seite 101).

Timed movement 2 used	
with week timer	
Period 1 24	No • Yes
with calendar timer	
Period 1...4 Sequence 1/2	No • Yes

Set whether night mode is to be used

Use night mode	No • Yes

For **night mode**, define the value of the release object.. Using the release object, night mode can be deactivated at short notice.

Evaluation of the Night mode release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

The brightness below which the "night" is recognised is set in the "façades" menu (see Night, Seite 114).

You can specify that timed movement 2 and night mode are only performed once per period/night.

Timed movement 2 and night mode only once	No • Yes

Then also set the movement position.

Position for timed movement 2 and night mode	
Movement position (in %)	0 ... 100
Slat position (in %) *(only for window shades with slats)*	0 ... 100

Heat protection

Above a certain outdoor temperature, a heat protection can be activated. Further parameters for heat protection are set in the "façades" menu (see Heat protection, Seite 115).

Set whether heat protection is to be used.

use	No • **Yes**

Define the value of the release object. Using the release object, the heat protection can be deactivated at short notice.

Evaluation of the heat protection object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

Set the movement position.

Position for heat protection	
Movement position (in %)	0 ... 100
Slat position (in %) *(only for window shades with slats)*	0 ... 100; 90

Pyranometer (global radiation)

Above a certain global radiation value, a protection position can be taken.

Set whether the global radiation is to be considered.

use	No • Yes

Define the value of the release object. Using the release object, the pyranometer controller can be deactivated at short notice.

Evaluation of the Pyranometer release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

To use the pyranometer, activate at least one of these 4 parameters (Façade pyranometer 1...4). If the corresponding pyranometer-measured value in W/m² exceeds the set pyranometer threshold value in W/m², the 'Pyranometer status' output object sends the value 1 = On to the bus. If all the pyranometer-measured values used have fallen

below the set pyranometer threshold value and the set delay has elapsed, the 'Pyranometer status' output object sends the value 0 = Off to the bus.

Pyranometer façade 1...4	No • Yes

Specify whether the threshold is set by parameter or object.

Threshold value specification by	Parameter • object

Then set the threshold value for the global radiation.

Threshold value (in W/m²) (*if specified per object:* until 1st communication)	0 ... 2500; 500

If specifying the threshold value **per object**, the minimum and maximum settable values are also defined.

Minimum threshold value that can be set (in W/m²)	0 ... 2500; 100
Maximum threshold value that can be set (in W/m²)	0 ... 2500

The value of the switching interval determines by how many W/m² the temperature must fall below the threshold value before the protection position is lifted after the retraction delay.

Switching interval threshold (hysteresis) in	percent • Watt/m²
Switching interval (hysteresis) of the threshold value (in 0.1 °C) (in %)	 0 ... 2500; 400 0 ... 100; 30

Set the movement position.

Movement position pyranometer	
Movement position (in %)	0 ... 100
Slat position (in %) *(only for window shades with slats)*	0 ... 100; 90

Set the retraction delay.

Retraction delay in minutes	1 ... 240; 5

Rain automatic

If rain protection has configured as rain automation, then its priority is between the pyranometer controller and the interior temperature lock. Rain automation is set in the general settings of the *façade* (see chapter Rain automation, Seite 113) and at *façade X safety* (see chapter Rain, Seite 122).

Interior temperature block

Below a certain interior temperature, the curtain can be prevented from opening.

Set whether an interior temperature lock is to be used.

use	No • Yes

Define the value of the release object for the interior temperature lock. Using the release object, the interior temperature lock can be deactivated at short notice.

Evaluation of the interior temperature locking release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

Set whether the indoor temperature lock can be changed via a threshold value or whether it can be activated via a bit object.

Indoor temperature lock by	**Threshold value changeable** • Bit-object can be activated

The threshold value of the indoor temperature lock can be specified directly by parameter or received as an object via the bus.

Threshold value specification by	Parameter • object

Then set the threshold value for the temperature lock.

Allow shading at internal temperature above	
Threshold value (in 0.1°C increments) (*if changeable:* until 1st communication)	50 ... 400; 200

If specifying the threshold value **per object**, the minimum and maximum settable values are also defined.

Minimum threshold (in 0.1°C)	50 ... 400; 100
Maximum threshold (in 0.1°C)	50 ... 400; 350

The value of the switching interval determines by how many °C the temperature must rise above the threshold value before the indoor temperature lock is lifted.

Switching interval (hysteresis) (in 0.1°C)	10 ... 50; 20

When specifying the threshold value **per bit object**, the value of the indoor temperature lock object is also defined.

Evaluation of the interior temperature Lock object	1 = Lock | 0 = Release 0 = Lock | 1 = Release
Value until 1st communication.	0 • 1

Solar protection automation

If none of the locks is active, then the position of the sun and the brightness are checked and is shaded corresponding to the solar protection automation.

Set whether solar protection automation is to be used.

use	No • **Yes**

Define the value of the release object for solar protection automation. Using the release object, solar protection automation can be deactivated at short notice.

Evaluation of the Solar automation release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

Outdoor temperature lock

Below a certain outdoor temperature, the shade is withdrawn.

Set whether an outdoor temperature lock is to be used.

use	No • **Yes**

Define the value of the release object for the outdoor temperature lock. Using the release object, the outdoor temperature lock can be deactivated at short notice.

Evaluation of the outdoor temperature - release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

The threshold value of the outdoor temperature lock can be specified directly by parameter or received as an object via the bus.

Threshold value specification by	Parameter • object

Then set the threshold value for the temperature lock.

Deactivate lock for outdoor temperatures above	
Threshold value (in 0.1°C increments) (*if specified per object:* until 1st communication)	-200 ... 300; 50

If specifying the threshold value **per object**, the minimum and maximum settable values are also defined.

Minimum variable per object Threshold value (in 0.1°C increments)	-200 ... 300; 0
Maximum variable per object Threshold value (in 0.1°C increments)	-200 ... 300; 200

The value of the switching interval determines by how many °C the temperature must rise before the outdoor temperature lock is inactive again.

Switching interval (hysteresis) (in 0.1°C)	10 ... 50; 30

Sun position

Set the direction and height of the sun for shading. The angle, which is specified for the direction of the sun (azimuth), is aligned according to the orientation of the façade. In addition, the angle of the façade and obstacles which cast a shadow on the façade, such as, for example, a wall or overhanging roof, can also be taken into account in the setting for sun direction (azimuth) and sun height (elevation).

Top view

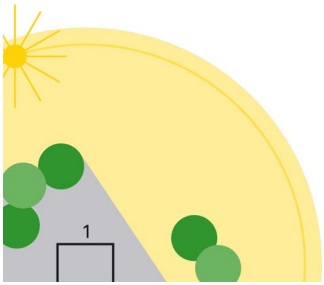


Fig. 18

1a: Direction of sun (azimuth)

In the morning the building is fully shaded by surrounding trees.

Top view

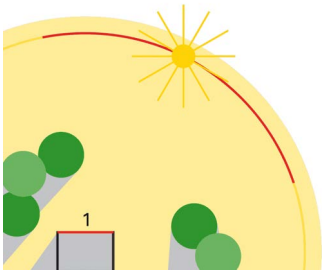


Fig. 19

1b: Direction of sun (azimuth)

For façade 1, shading must only be active in the azimuth marked red, as the sun can then shine on to the building without obstruction

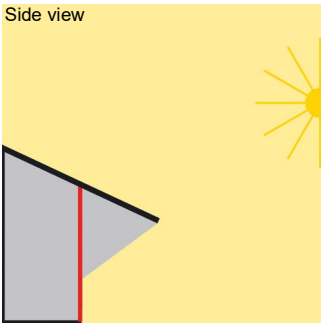


Fig. 20

2: Height of sun (elevation)

When the sun's position is high, the façade is only shaded by the roof overhang. Shading is only necessary if the sun is low (in the figure approx. below 53°).

Select whether the ranges for the direction and height of the sun are to be specified per parameter or via a communication object.

Specification for the ranges of sun direction and height by	Parameter • object

If the areas are set **per parameter**, multiple areas can then be specified.

Number of ranges for sun direction and height	1 • 2 • 3

Specify the direction of the sun for the shading, either with the specified cardinal points or with 'Angle range' and entering the values to the nearest degree. A fixed switching distance of 1° applies to the direction of the sun.

Range 1 / 2 / 3	
Direction of sun (*for specification per object:* valid until 1st communication.)	• all directions (0° ... 360°) • West (180° ... 360°) • South-West (135° ... 315°) • South (90° ... 270°) • South-East (45° ... 225°) • East (0° ... 180°) • Angle range

Enter the angle range.

at and above (in °) *(for angle range)*	0 ... 360; 90
until (in °) *(for angle range)*	0 ... 360; 270

Specify the height of the sun for the shading, either with the specified cardinal points or with 'Angle range' and entering the values to the nearest degree. A fixed switching distance of 1° applies to the height of the sun.

Sun height (*for specification per object:* valid until 1st communication.)	• each height (0° ... 90°) • Angle range

Enter the angle range.

at and above (in °) *(for angle range)*	-90 ... 90
until (in °) *(for angle range)*	90 ... 90

Brightness threshold value

Select whether the brightness threshold value is to be specified per parameter or via a communication object. Please note that the communication object outputs the threshold value in *Lux* but the threshold value is set in *Kilolux*.

Threshold value definition for brightness per	Parameter • object

Set the brightness threshold.

Threshold value (in kLux) (*for specification per object:* valid until 1st communication.)	1 ... 150; 60

If specifying the threshold value **per object**, the minimum and maximum settable values are also defined.

Minimum threshold value that can be set (in kLux) *(for specification per object)*	1 ... 150; 20
Maximum threshold value that can be set (in kLux) *(for specification per object)*	1 ... 150; 80

The value of the switching interval determines by how many kLux the brightness must fall before the shading is retracted delay times.

Switching interval threshold (hysteresis) in	Percent (%) • in kLux
Switching interval of the threshold value (in kLux) (in %)	 1 ... 150; 15 0 ... 100; 30

Travel delays

For the shading there are three travel delays:

The **extension delay** defines the waiting time for the sun automation after the brightness threshold value has been exceeded.

At the end of the **short delay time** after the brightness value has not been reached an intermediate position is approached. For example, here a position can be defined that

only differs from the shading position "extended" by the slat position on the shutter. The shade does not immediately go up, but lets in somewhat more light. This position is set further down in the same menu.

The **retraction delay** defines the waiting time for the retraction after the brightness threshold value has not been reached.

Select whether the travel delay is to be specified per parameter or via objects.

Specifying the withdrawal and extension delay	Parameter • object

Set the extension delay.

Extension delay (in minutes) (*for specification per object:* valid until 1st communication.)	1 ... 240

If specifying the threshold **per object**, the minimum and maximum delay is also set.

Minimum extension delay that can be set (in minutes) *(for specification per object)*	1 ... 240
Maximum extension delay that can be set (in minutes) *(for specification per object)*	1 ... 240; 40

Specify the short delay.

Brief delay (in seconds) (*for specification per object:* valid until 1st communication.)	1 ... 3600; 10

If specifying the threshold **per object**, the minimum and maximum delay is also set.

Minimum short delay (in seconds) *(for specification per object)*	1 ... 3600
Maximum short delay (in seconds) *(for specification per object)*	1 ... 3600; 120

Set the retraction delay.

Retraction delay (in minutes) (*for specification per object:* valid until 1st communication.)	1 ... 240; 30

If specifying the threshold **per object**, the minimum and maximum settable delay is also set.

Minimum retraction that can be set (in minutes) *(for specification per object)*	1 ... 240; 10
Maximum retraction that can be set (in minutes) *(for specification per object)*	1 ... 240

Solar protection position and auto-guiding

Solar protection extends the shading automatically if
- the sun is shining from the set direction and
- the brightness of the set threshold value
- is exceeded over a period longer the extension delay time.

For the movement position "Solar protection" auto-guiding can be set. Settings for slats are only displayed if the shading for the façade has been defined as having slats (see Façade safety, Seite 118).

Without auto-guiding a fixed position is travelled to.

With a four step slat guiding concept, a defined movement position is travelled to and the slats are tilted in four steps according to the position of the sun.

For slat auto-guiding, the direction and slant of the façade are taken into account, and internally the angle of the slat is calculated so that no direct light can shine through the slats.

For shadow edge tracking, a fixed slat position is set (only for shades with slats). For the movement position, the orientation and slant of the façade and the height of the window are taken into consideration so that it can be defined how far the sun may shine into the room.

Shadow edge tracking and slat auto-guide are also possible in combination.

Before setting auto-guide, please read the instructions in chapter Optimally use the façade control functions, Seite 102

solar protection position	• without auto-guide • Slats in 4 stages • Slat auto-guide • Shadow edge tracking • Shadow edge tracking and slat auto-guide

Without auto-guide

Without auto-guiding a fixed position is travelled to.

Movement position (in %)	0 ... 100
Slat position (in %) *(only for window shades with slats)*	0 ... 100; 80

Slats in 4 stages

Enter a fixed movement position.

Movement position (in %)	0 ... 100

Define the 4 areas for the sun height (3 angles) and the four assigned slat angles (only for blinds with slats).

Slat position (in %) for sun height (in °)	
Range 1 (0° - x°)	0 ... 100
with x	0 ... 90; 15
Range 2 (x° - y°)	0 ... 100; 80
with y	0 ... 90; 30
Range 3 (y° - z°)	0 ... 100; 65
with z	0 ... 90; 45
Range 4 (z° - 90°)	0 ... 100; 90

Slat tracking

For the **slat guiding**, the fixed movement position and the characteristics of the façade and the slats are specified (only for shades with slats). The device calculates the ideal slat position, so that no direct light can enter through the slats, but such that, at all times, as much indirect light as possible lights up the room.

Enter a fixed movement position.

Movement position (in %)	0 ... 100

For the correct calculation of the shadow edge tracking, the compass direction and inclination of the façade must be entered. More in chapter “Orientation and inclination of the façade” on page 103.

Orientation of the façade in ° [North 0°, East 90°, South 180°, West 270°]	0 ... 360; 180
Inclination of the façade in ° [0° = no inclination]	-90 ... 90; 0

The width and space between slats are needed for a correct slat adjustment. More in chapter “Slat types and determination of width and spacing” on page 106.

Slat width in mm	1 ... 1000; 80
Slat distance in mm	1 ... 1000; 75

With the setting for the minimum change of angle for transmission of a movement command, the "increment" respectively the frequency of the angle correction can be adjusted. Hereby, the technical possibilities of the drive used must be taken into consideration. The minimum change of angle is taken into account in the device internal calculation, so that direct sunlight can be prevented, even for large steps.

Minimum angle change in ° for transmitting a new slat position	1 ... 90; 10

During commissioning, the slat angle at 0% move command and at 100% move command must be aligned to the pre-settings of the parameters, and, if necessary, corrected, so that the slat guide on the façade works properly. For this purpose, observe chapter Slat position for horizontal slats, Seite 107 respectively Slat position for vertical slats, Seite 108.

Slat angle (in °) after after slat move command 0%	0 ... 180; 90
Slat angle (in °) after after slat move command 100%	0 ... 180

Shadow edge tracking

For the **shadow edge auto-guide** a fixed slat position is set (only for shades with slats).

Slat position (in %)	0 ... 100; 80

For the correct calculation of the shadow edge tracking, the compass direction and inclination of the façade must be entered. More in chapter “Orientation and inclination of the façade” on page 103.

Orientation of the façade in ° [North 0°, East 90°, South 180°, West 270°]	0 ... 360; 180
Inclination of the façade in ° [0° = no inclination]	-90 ... 90; 0

The distance from the floor to the top edge of the window (window height = glass height) is required for correct tracking of the shadow edge.

Window height in cm	1 ... 1000; 150

The maximum penetration depth defines how far the sun may shine into the room as seen from the façade/window area. This can prevent sensitive plants from being exposed to direct sunlight, for example.

Maximum penetration depth of the sun into the room in cm	10 ... 250; 50

The frequency of the position correction can be adjusted by setting the shadow edge offset in centimetres from which a move command is sent. Hereby, the technical possibilities of the drive used must be taken into consideration.

From a shadow shift of... cm auto-tracking is performed	1 ... 50; 10

Please note: The façade inclination and the angle set for the height of the sun should match. Thus, if the façade is slanted forwards by 10°, then the sun only needs to be considered up to a height of 80°. Enter this separately with the parameters for sun direction and height (see chapter *solar protection automation*, Sun position, Seite 130).

Intermediate position for the short retraction delay time

Sun protection automation moves to the following position when
- the brightness exceeds the threshold value - switching interval
- for longer than the short delay time.

For the movement position "short retraction delay" a movement position and a slat position can be set. Settings for slats are only displayed if the shading for the façade has been defined as having slats (see Façade safety, Seite 118).

Use actuation position	No • Yes
Movement position (in %)	0 ... 100
Use slat position	No • Yes
Slat position (in %)	0 ... 100

Standard movement position

The sun protection automation is ended if
- the sun is shining from the set direction
- or the brightness is below the threshold switching interval or 500 lx
- for longer than the short delay + retraction delay.

Move to position, if no automation with higher priority is being executed	
Movement position (in %)	0 ... 100
Slat position (in %) *(only for window shades with slats)*	0 ... 100

Settings for slats are only displayed if the shading for the façade has been defined as having slats (see Façade safety, Seite 118).

Repeat function

The last automatic command is sent again with the repeat function. The trigger is an event of the event timer. First set up one or more events (times), therefore, that you would like to use for the repeat function (See “Event 1...8” on page 99.)

use	No • **Yes**

Define the value of the release object for repeat function. Using the release object, repeat function can be deactivated at short notice.

Evaluation Repeat release objects	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

Now select one or more events that should trigger a repeat of the automatic command.

Event 1...8	No • Yes

Status output façade

Information on the various possibilities for the status output can be found in chapter Status output, Seite 111. In principal the status output is a singular function, but, in compact form, possible for singular and for all façades possible. The texts for the output in compact form are defined in the general settings for the façade (see chapter Status output, Seite 111).

Set which value in the status release object **for this façade** means active respectively in active.

Evaluation of the façade Status release object	1 = activated | 0 = deactivated 0 = activated | 1 = deactivated
Value until 1st communication.	0 • 1

Questions about the product?

You can reach the technical service of Elsner Elektronik under
Tel. +49 (0) 70 33 / 30 945-250 or
service@elsner-elektronik.de

We need the following information to process your service request:

- Type of appliance (model name or item number)
- Description of the problem
- Serial number or software version
- Source of supply (dealer/installer who bought the device from Elsner Elektronik)

For questions about KNX functions:

- Version of the device application
- ETS version used for the project