

Use of the application program

Product family: Controller
 Product type: Natural Ventilation Controller
 Manufacturer: WindowMaster A/S
 Name: NV Comfort™ Plus and Standard application
 Order no: NVC02
 Version: 02

Contents

1. Functional description	10
2. Parameters	10
3.0 Communication objects.....	10
3.1 Common communication objects	10
3.1.0.0 WindSpeed_in.....	10
3.1.0.1 OutdoorTemperature_in	10
3.1.0.2 Raining_in.....	10
3.1.0.3 DateTime_in	11
3.1.0.4 DateTime_out	11
3.1.0.5 BuildingState_in.....	11
3.1.0.6 BuildingState_out	11
3.1.0.7 BuildingOccupied_out	11
3.1.0.8 BuildingSecure_in	12
3.1.0.9 BuildingCloseAllWindows_in	12
3.1.0.10 BuildingCloseAllWindows_out	12
3.1.0.11 BuildingVentilationOff_in	12
3.1.0.12 BuildingVentilationOff_out.....	13
3.1.0.13 HeatingDemand_out	13
3.1.0.14 ForceWinter_in	13
3.2 Room communication objects for ventilation and heating.....	14

3.2.1.17 Room1_Temperature_in.....	14
3.2.1.18 Room1_CO2_in	14
3.2.1.19 Room1_EnableAutomatic_in	14
3.2.1.20 Room1_RelativeHumidity_in	14
3.2.1.21 Room1_PresenceDetection_in	14
3.2.1.22 Room1_Occupancy_out.....	15
3.2.1.23 Room1_Fan_out.....	15
3.2.1.24 Room1_FanValue_out	15
3.2.1.25 Room1_HeatingValve_out.....	15
3.2.1.26 Room1_HeatingValveValue_out	15
3.2.1.27 Room1_VentilationStatus_out.....	16
3.2.1.28 Room1_WindowGroup1_Max_out	16
3.2.1.29 Room1_WindowGroup1_Hand_out	16
3.2.1.30 Room1_WindowGroup1_Auto_out.....	17
3.2.1.31 Room1_WindowGroup2_Max_out	17
3.2.1.32 Room1_WindowGroup2_Hand_out	17
3.2.1.33 Room1_WindowGroup2_Auto_out.....	17
3.2.2.34 Room2_Temperature_in.....	17
3.2.2.35 Room2_CO2_in	18
3.2.2.36 Room2_EnableAutomatic_in	18
3.2.2.37 Room2_RelativeHumidity_in	18
3.2.2.38 Room2_PresenceDetection_in.....	18
3.2.2.39 Room2_Occupancy_out.....	18
3.2.2.40 Room2_Fan_out.....	18
3.2.2.41 Room2_FanValue_out	18
3.2.2.42 Room2_HeatingValve_out.....	19
3.2.2.43 Room2_HeatingValveValue_out	19
3.2.2.44 Room2_VentilationStatus_out.....	19
3.2.2.45 Room2_WindowGroup1_Max_out	19
3.2.2.46 Room2_WindowGroup1_Hand_out	19
3.2.2.47 Room2_WindowGroup1_Auto_out.....	19

3.2.2.48 Room2_WindowGroup2_Max_out	20
3.2.2.49 Room2_WindowGroup2_Hand_out	20
3.2.2.50 Room2_WindowGroup2_Auto_out.....	20
3.2.3.51 Room3_Temperature_in.....	20
3.2.3.52 Room3_CO2_in	20
3.2.3.53 Room3_EnableAutomatic_in	20
3.2.3.54 Room3_RelativeHumidity_in	21
3.2.3.55 Room3_PresenceDetection_in.....	21
3.2.3.56 Room3_Occupancy_out.....	21
3.2.3.57 Room3_Fan_out.....	21
3.2.3.58 Room3_FanValue_out	21
3.2.3.59 Room3_HeatingValve_out.....	21
3.2.3.60 Room3_HeatingValveValue_out	21
3.2.3.61 Room3_VentilationStatus_out.....	22
3.2.3.62 Room3_WindowGroup1_Max_out	22
3.2.3.63 Room3_WindowGroup1_Hand_out	22
3.2.3.64 Room3_WindowGroup1_Auto_out.....	22
3.2.3.65 Room3_WindowGroup2_Max_out	22
3.2.3.66 Room3_WindowGroup2_Hand_out	22
3.2.3.67 Room3_WindowGroup2_Auto_out.....	23
3.2.4.68 Room4_Temperature_in.....	23
3.2.4.69 Room4_CO2_in	23
3.2.4.70 Room4_EnableAutomatic_in	23
3.2.4.71 Room4_RelativeHumidity_in	23
3.2.4.72 Room4_PresenceDetection_in.....	23
3.2.4.73 Room4_Occupancy_out.....	24
3.2.4.74 Room4_Fan_out.....	24
3.2.4.75 Room4_FanValue_out	24
3.2.4.76 Room4_HeatingValve_out.....	24
3.2.4.77 Room4_HeatingValveValue_out	24
3.2.4.78 Room4_VentilationStatus_out.....	24

3.2.4.79 Room4_WindowGroup1_Max_out	24
3.2.4.80 Room4_WindowGroup1_Hand_out	25
3.2.4.81 Room4_WindowGroup1_Auto_out.....	25
3.2.4.82 Room4_WindowGroup2_Max_out	25
3.2.4.83 Room4_WindowGroup2_Hand_out	25
3.2.4.84 Room4_WindowGroup2_Auto_out.....	25
3.2.5.85 Room5_Temperature_in.....	25
3.2.5.86 Room5_CO2_in	26
3.2.5.87 Room5_EnableAutomatic_in	26
3.2.5.88 Room5_RelativeHumidity_in	26
3.2.5.89 Room5_PresenceDetection_in.....	26
3.2.5.90 Room5_Occupancy_out.....	26
3.2.5.91 Room5_Fan_out.....	26
3.2.5.92 Room5_FanValue_out	26
3.2.5.93 Room5_HeatingValve_out.....	27
3.2.5.94 Room5_HeatingValveValue_out	27
3.2.5.95 Room5_VentilationStatus_out.....	27
3.2.5.96 Room5_WindowGroup1_Max_out	27
3.2.5.97 Room5_WindowGroup1_Hand_out	27
3.2.5.98 Room5_WindowGroup1_Auto_out.....	27
3.2.5.99 Room5_WindowGroup2_Max_out	28
3.2.5.100 Room5_WindowGroup2_Hand_out	28
3.2.5.101 Room5_WindowGroup2_Auto_out.....	28
3.2.6.102 Room6_Temperature_in.....	28
3.2.6.103 Room6_CO2_in	28
3.2.6.104 Room6_EnableAutomatic_in	28
3.2.6.105 Room6_RelativeHumidity_in	29
3.2.6.106 Room6_PresenceDetection_in	29
3.2.6.107 Room6_Occupancy_out.....	29
3.2.6.108 Room6_Fan_out.....	29
3.2.6.109 Room6_FanValue_out	29

3.2.6.110 Room6_HeatingValve_out	29
3.2.6.111 Room6_HeatingValveValue_out	29
3.2.6.112 Room6_VentilationStatus_out	30
3.2.6.113 Room6_WindowGroup1_Max_out.....	30
3.2.6.114 Room6_WindowGroup1_Hand_out	30
3.2.6.115 Room6_WindowGroup1_Auto_out.....	30
3.2.6.116 Room6_WindowGroup2_Max_out.....	30
3.2.6.117 Room6_WindowGroup2_Hand_out	30
3.2.6.118 Room6_WindowGroup2_Auto_out.....	31
3.2.7.119 Room7_Temperature_in.....	31
3.2.7.120 Room7_CO2_in	31
3.2.7.121 Room7_EnableAutomatic_in	31
3.2.7.122 Room7_RelativeHumidity_in	31
3.2.7.123 Room7_PresenceDetection_in	31
3.2.7.124 Room7_Occupancy_out.....	32
3.2.7.125 Room7_Fan_out.....	32
3.2.7.126 Room7_FanValue_out	32
3.2.7.127 Room7_HeatingValve_out	32
3.2.7.128 Room7_HeatingValveValue_out	32
3.2.7.129 Room7_VentilationStatus_out.....	32
3.2.7.130 Room7_WindowGroup1_Max_out.....	32
3.2.7.131 Room7_WindowGroup1_Hand_out	33
3.2.7.132 Room7_WindowGroup1_Auto_out.....	33
3.2.7.133 Room7_WindowGroup2_Max_out.....	33
3.2.7.134 Room7_WindowGroup2_Hand_out	33
3.2.7.135 Room7_WindowGroup2_Auto_out.....	33
3.2.8.136 Room8_Temperature_in.....	33
3.2.8.137 Room8_CO2_in	34
3.2.8.138 Room8_EnableAutomatic_in	34
3.2.8.139 Room8_RelativeHumidity_in	34
3.2.8.140 Room8_PresenceDetection_in	34

3.2.8.141 Room8_Occupancy_out.....	34
3.2.8.142 Room8_Fan_out.....	34
3.2.8.143 Room8_FanValue_out	34
3.2.8.144 Room8_HeatingValve_out	35
3.2.8.145 Room8_HeatingValveValue_out	35
3.2.8.146 Room8_VentilationStatus_out.....	35
3.2.8.147 Room8_WindowGroup1_Max_out.....	35
3.2.8.148 Room8_WindowGroup1_Hand_out	35
3.2.8.149 Room8_WindowGroup1_Auto_out.....	35
3.2.8.150 Room8_WindowGroup2_Max_out.....	36
3.2.8.151 Room8_WindowGroup2_Hand_out	36
3.2.8.152 Room8_WindowGroup2_Auto_out.....	36
3.3 Room communication objects for sun screening.....	37
3.3.1.153 Room1_IlluminanceA_in.....	37
3.3.1.154 Room1_SunScreeningGroup1_Hand_out.....	37
3.3.1.155 Room1_SunScreeningGroup1_Auto_out	37
3.3.1.156 Room1_SunScreeningSlatGroup1_Hand_out.....	37
3.3.1.157 Room1_SunScreeningSlatGroup1_Auto_out	37
3.3.1.158 Room1_IlluminanceB_in.....	38
3.3.1.159 Room1_SunScreeningGroup2_Hand_out.....	38
3.3.1.160 Room1_SunScreeningGroup2_Auto_out	38
3.3.1.161 Room1_SunScreeningSlatGroup2_Hand_out.....	38
3.3.1.162 Room1_SunScreeningSlatGroup2_Auto_out	38
3.3.1.163 Room1_Auxiliary_A.....	38
3.3.1.164 Room1_Auxiliary_B	39
3.3.2.165 Room2_IlluminanceA_in.....	39
3.3.2.166 Room2_SunScreeningGroup1_Hand_out.....	39
3.3.2.167 Room2_SunScreeningGroup1_Auto_out	39
3.3.2.168 Room2_SunScreeningSlatGroup1_Hand_out.....	39
3.3.2.169 Room2_SunScreeningSlatGroup1_Auto_out	39

3.3.2.170 Room2_IlluminanceB_in.....	40
3.3.2.171 Room2_SunScreeningGroup2_Hand_out.....	40
3.3.2.172 Room2_SunScreeningGroup2_Auto_out	40
3.3.2.173 Room2_SunScreeningSlatGroup2_Hand_out.....	40
3.3.2.174 Room2_SunScreeningSlatGroup2_Auto_out	40
3.3.2.175 Room2_Auxiliary_A.....	40
3.3.2.176 Room2_Auxiliary_B	41
3.3.3.177 Room3_IlluminanceA_in.....	41
3.3.3.178 Room3_SunScreeningGroup1_Hand_out.....	41
3.3.3.179 Room3_SunScreeningGroup1_Auto_out	41
3.3.3.180 Room3_SunScreeningSlatGroup1_Hand_out.....	41
3.3.3.181 Room3_SunScreeningSlatGroup1_Auto_out	41
3.3.3.182 Room3_IlluminanceB_in.....	42
3.3.3.183 Room3_SunScreeningGroup2_Hand_out.....	42
3.3.3.184 Room3_SunScreeningGroup2_Auto_out	42
3.3.3.185 Room3_SunScreeningSlatGroup2_Hand_out.....	42
3.3.3.186 Room3_SunScreeningSlatGroup2_Auto_out	42
3.3.3.187 Room3_Auxiliary_A.....	42
3.3.3.188 Room3_Auxiliary_B	43
3.3.4.189 Room4_IlluminanceA_in.....	43
3.3.4.190 Room4_SunScreeningGroup1_Hand_out.....	43
3.3.4.191 Room4_SunScreeningGroup1_Auto_out	43
3.3.4.192 Room4_SunScreeningSlatGroup1_Hand_out.....	43
3.3.4.193 Room4_SunScreeningSlatGroup1_Auto_out	43
3.3.4.194 Room4_IlluminanceB_in.....	44
3.3.4.195 Room4_SunScreeningGroup2_Hand_out.....	44
3.3.4.196 Room4_SunScreeningGroup2_Auto_out	44
3.3.4.197 Room4_SunScreeningSlatGroup2_Hand_out.....	44
3.3.4.198 Room4_SunScreeningSlatGroup2_Auto_out	44
3.3.4.199 Room4_Auxiliary_A.....	44
3.3.4.200 Room4_Auxiliary_B	45

3.3.5.201 Room5_IlluminanceA_in..... 45

3.3.5.202 Room5_SunScreeningGroup1_Hand_out..... 45

3.3.5.203 Room5_SunScreeningGroup1_Auto_out 45

3.3.5.204 Room5_SunScreeningSlatGroup1_Hand_out..... 45

3.3.5.205 Room5_SunScreeningSlatGroup1_Auto_out 45

3.3.5.206 Room5_IlluminanceB_in..... 46

3.3.5.207 Room5_SunScreeningGroup2_Hand_out..... 46

3.3.5.208 Room5_SunScreeningGroup2_Auto_out 46

3.3.5.209 Room5_SunScreeningSlatGroup2_Hand_out..... 46

3.3.5.210 Room5_SunScreeningSlatGroup2_Auto_out 46

3.3.5.211 Room5_Auxiliary_A..... 46

3.3.5.212 Room5_Auxiliary_B 47

3.3.6.213 Room6_IlluminanceA_in..... 47

3.3.6.214 Room6_SunScreeningGroup1_Hand_out..... 47

3.3.6.215 Room6_SunScreeningGroup1_Auto_out 47

3.3.6.216 Room6_SunScreeningSlatGroup1_Hand_out..... 47

3.3.6.217 Room6_SunScreeningSlatGroup1_Auto_out 47

3.3.6.218 Room6_IlluminanceB_in..... 48

3.3.6.219 Room6_SunScreeningGroup2_Hand_out..... 48

3.3.6.220 Room6_SunScreeningGroup2_Auto_out 48

3.3.6.221 Room6_SunScreeningSlatGroup2_Hand_out..... 48

3.3.6.222 Room6_SunScreeningSlatGroup2_Auto_out 48

3.3.6.223 Room6_Auxiliary_A..... 48

3.3.6.224 Room6_Auxiliary_B 49

3.3.7.225 Room7_IlluminanceA_in..... 49

3.3.7.226 Room7_SunScreeningGroup1_Hand_out..... 49

3.3.7.227 Room7_SunScreeningGroup1_Auto_out 49

3.3.7.228 Room7_SunScreeningSlatGroup1_Hand_out..... 49

3.3.7.229 Room7_SunScreeningSlatGroup1_Auto_out 49

3.3.7.230 Room7_IlluminanceB_in..... 50

3.3.7.231 Room7_SunScreeningGroup2_Hand_out..... 50

3.3.7.232 Room7_SunScreeningGroup2_Auto_out 50

3.3.7.233 Room7_SunScreeningSlatGroup2_Hand_out..... 50

3.3.7.234 Room7_SunScreeningSlatGroup2_Auto_out 50

3.3.7.235 Room7_Auxiliary_A..... 50

3.3.7.236 Room7_Auxiliary_B 51

3.3.8.237 Room8_IlluminanceA_in..... 51

3.3.8.238 Room8_SunScreeningGroup1_Hand_out..... 51

3.3.8.239 Room8_SunScreeningGroup1_Auto_out 51

3.3.8.240 Room8_SunScreeningSlatGroup1_Hand_out..... 51

3.3.8.241 Room8_SunScreeningSlatGroup1_Auto_out 51

3.3.8.242 Room8_IlluminanceB_in..... 52

3.3.8.243 Room8_SunScreeningGroup2_Hand_out..... 52

3.3.8.244 Room8_SunScreeningGroup2_Auto_out 52

3.3.8.245 Room8_SunScreeningSlatGroup2_Hand_out..... 52

3.3.8.246 Room8_SunScreeningSlatGroup2_Auto_out 52

3.3.8.247 Room8_Auxiliary_A..... 52

3.3.8.248 Room8_Auxiliary_B 53

3.4.1.249 Building_SunScreeningSafety_out..... 53

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

1. Functional description

The WindowMaster NV Comfort™ is a KNX controller for Natural Ventilation and heating - Standard version. The Plus version can additionally control mechanical ventilation, lighting and sun screening.

The controller has an integrated display with touch function where the user can monitor and adjust various parameters such as temperature, window positions and ventilation.

NV Comfort™ can control up to 4 or 8 zones depending on software card. Configuration of settings and user preference is done on the touch screen on the control unit.

NV Comfort™ takes input from KNX room sensors (temperature, CO₂ and relative humidity) and from a weather station (wind speed, outdoor temperature and rain). NV Comfort™ sends signals to motor controllers / windows supporting absolute position control (0-100%) and 2 speed operation. NV Comfort™ can also send signals to KNX heating actuators, hybrid ventilation etc.

Additionally NV Comfort™ is able to control sun screening in each room based on illumination signals received from KNX.

2. Parameters

The NV Comfort™ does not have any parameters.

3.0 Communication objects

3.1 Common communication objects

3.1.0.0 WindSpeed_in

No.	ETS Description	Function	Data Point Type	Flags
0	Wind speed input	Sensor value	9.005 DPT_Value_Wsp	CW
Description				
This input object receives the wind speed. The wind speed is stored as a floating point value in meters pr. second (m/s).				

3.1.0.1 OutdoorTemperature_in

No.	ETS Description	Function	Data Point Type	Flags
1	Outdoor temperature input	Sensor value	9.001 DPT_Value_Temp	CW
Description				
This input object receives the outdoor temperature in degrees Celsius (°C).				

3.1.0.2 Raining_in

No.	ETS Description	Function	Data Point Type	Flags
2	Raining input	Sensor value	1.002 DPT_Bool	CW
Description				
This input object receives the status of a rain sensor. False (0): it's not raining. True (1): It's raining.				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.1.0.3 DateTime_in

No.	ETS Description	Function	Data Point Type	Flags
3	19.001 DPT_DateTime, Date/time input event at minute change	Synchronisation event	19.001 DPT_DateTime	CW

Description

This input object receives the date and time.

3.1.0.4 DateTime_out

No.	ETS Description	Function	Data Point Type	Flags
4	19.001 DPT_DateTime, Date/time output at minute change	Actual value	19.001 DPT_DateTime	CT

Description

This output object transmit the date and time of the NV Comfort™ controller to the bus.
The date and time will be transmitted every minute.

3.1.0.5 BuildingState_in

No.	ETS Description	Function	Data Point Type	Flags
5	20.002 DPT_BuildingMode, Building state input	Set state event, 8-bit	20.002 DPT_BuildingMode	CW

Description

This input object receives the actual building state.

0: Building occupied.

1: Building empty.

2: Building occupied, secure state.

3.1.0.6 BuildingState_out

No.	ETS Description	Function	Data Point Type	Flags
6	20.002 DPT_BuildingMode, Building state output	Actual state, 8-bit	20.002 DPT_BuildingMode	CRT

Description

This output object transmit the actual building state.

0: Building occupied.

1: Building empty.

2: Building occupied, secure state.

3.1.0.7 BuildingOccupied_out

No.	ETS Description	Function	Data Point Type	Flags
7	Building occupied output	Actual state	1.018 DPT_Occupancy	CRT

Description

This output object transmit information on whether the building is occupied or not.

False (0) : Not occupied.

True (1) : occupied.

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.1.0.8 BuildingSecure_in

No.	ETS Description	Function	Data Point Type	Flags
8	Building secure state input	On/off	1.002 DPT_Bool	CW
Description				
This input object receives information on whether the building is secured or not. False (0) : Not secured. True (1) : secured.				

3.1.0.9 BuildingCloseAllWindows_in

No.	ETS Description	Function	Data Point Type	Flags
9	Controlles if all windows in the building should be kept closed	Set state event	1.002 DPT_Bool	CW
Description				
This input object receives information to control the buildings "Keep all windows closed" function. Controls the "Keep all windows closed" button on NV Comfort™. False (0) : Not active. True (1) : All windows in the building are kept closed.				

3.1.0.10 BuildingCloseAllWindows_out

No.	ETS Description	Function	Data Point Type	Flags
10	Shows the actual status the "CloseAllWindows" function	Actual state	1.002 DPT_Bool	CT
Description				
This output object transmit information about the buildings "Keep all windows closed" function. Corresponds to the state of the "Keep all windows closed" button on NV Comfort™. False (0): Not active. True (1): All windows in the building are kept closed.				

3.1.0.11 BuildingVentilationOff_in

No.	ETS Description	Function	Data Point Type	Flags
11	Controls if all automatic ventilation in the building should be disabled. Safety functions are still active	Set state event	1.002 DPT_Bool	CW
Description				
This input object receives information to control the buildings "Automatic ventilation off" function. Controls the "Automatic ventilation off" button on NV Comfort™. False (0): Not active. True (1): Automatic ventilation disabled.				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.1.0.12 BuildingVentilationOff_out

No.	ETS Description	Function	Data Point Type	Flags
12	Shows the actual status the "VentilationOff" function	Actual state	1.002 DPT_Bool	CT
Description				
<p>This output object transmit information about the buildings "Automatic ventilation off" function. Corresponds to the state of the "Automatic ventilation off" button on NV Comfort™.</p> <p>False (0): Not active. True (1): Automatic ventilation disabled.</p>				

3.1.0.13 HeatingDemand_out

No.	ETS Description	Function	Data Point Type	Flags
13	Heating demand output	Actual state	1.002 DPT_Bool	CRT
Description				
<p>This output object contains information about the heating demand. The flag can be used to start the circulation pump.</p> <p>False (0) : No heating demand. True (1) : Heating demand.</p>				

3.1.0.14 ForceWinter_in

No.	ETS Description	Function	Data Point Type	Flags
14	Force winter input	On/off	1.002 DPT_Bool	CW
Description				
<p>This input object contains information about whether the winter parameters has been activated.</p> <p>False (0) : Inactive. True (1) : Winter mode activated.</p>				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2 Room communication objects for ventilation and heating

3.2.1.17 Room1_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
17	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT
Description				
This input object receives information about the room temperature for the room in °C.				

3.2.1.18 Room1_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
18	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT
Description				
This input object receives information about CO ₂ level for the room in ppm.				

3.2.1.19 Room1_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
19	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW
Description				
This input object receives information about automatic control should be enabled or not in the room. Automatic control is enabled by default. False (0) : Automatic control disabled. True (1) : Automatic control enabled.				

3.2.1.20 Room1_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
20	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT
Description				
This object receives information about the relative humidity for the room in percent (0-100%).				

3.2.1.21 Room1_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
21	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW
Description				
This input object receives information about the rooms presence. Each time the presence input is triggered the Occupancy timer is restarted False (0) : Stop the occupancy timer. True (1) : Trigger to restart the occupancy timer.				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.1.22 Room1_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
22	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT
Description				
This input object contains information about whether the room is occupied or not False (0) : Not occupied. True (1) : Occupied.				

3.2.1.23 Room1_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
23	Fan output	Start/stop	1.010 DPT_Start	CRT
Description				
This output object transmit information about whether fan is active or not. False (0) : Fan stopped. True (1) : Fan started. Also used to control a ZoneVent™ "BMS start" (Terminal 9).				

3.2.1.24 Room1_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
24	Fan value output	Value	5.001 DPT_Scaling	CRT
Description				
This output object transmit information about the fan speed in percent (0-100%). Also used to control a ZoneVent™ "BMS air flow"/"Flow 0-10V" (Terminal 12).				

3.2.1.25 Room1_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
25	Heating valve output	On/off	1.001 DPT_Switch	CRT
Description				
This output object transmit information about whether heating valve is on or off. False (0) : Heating valve is closed. True (1) : Heating valve is open.				

3.2.1.26 Room1_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
26	Heating valve value output	Value	5.001 DPT_Scaling	CRT
Description				
This output object transmit information about heating valve opening degree in percent (0-100%).				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.1.27 Room1_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
27	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT

Description

This output object contains information about the ventilation control state in the room.

- 0: Uninitialised
- 1: Closed
- 2: Closed, all data missing
- 3: Closed, bad weather
- 4: Closed, only weather data missing
- 5: Closed, warm outdoor conditions
- 6: Closed, low indoor temperature
- 7: Hand only
- 8: Hand only, input data missing
- 9: Hand only, warm outdoor conditions
- 10: Pulse ventilation
- 11: Pulse ventilation, warm outdoor conditions
- 12: Temperature controlled
- 13: Night cooling
- 14: Ventilate control

3.2.1.28 Room1_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
28	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

This output object transmits window group 1 maximum limitation position in percent (0-100%).

3.2.1.29 Room1_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
29	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

This output object contains information about window group 1 hand/user delta position command.

- 100..-1: Move actuator V % of full stroke in the closing direction relative to the current position of the actuator.
- 0: Stop any ongoing actuator movement.
- 1..100: Move actuator V % of full stroke in the opening direction relative to the current position of the actuator.

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.1.30 Room1_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
30	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

This output object transmits window group 1 automatic/comfort position command in percent (0-100%).

3.2.1.31 Room1_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
31	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

This output object transmits window group 2 maximum limitation position in percent (0-100%).

3.2.1.32 Room1_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
32	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

This output object contains information about window group 2 hand/user delta position command.
-100..-1: Move actuator V % of full stroke in the closing direction relative to the current position of the actuator.
0: Stop any ongoing actuator movement.
1..100: Move actuator V % of full stroke in the opening direction relative to the current position of the actuator.

3.2.1.33 Room1_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
33	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

This output object transmits window group 2 automatic/comfort position command in percent (0-100%).

3.2.2.34 Room2_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
34	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT

Description

Please see description for Room1_Temperature_in

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.2.35 Room2_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
35	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT

Description

Please see description for Room1_CO2_in

3.2.2.36 Room2_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
36	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW

Description

Please see description for Room1_EnableAutomatic_in

3.2.2.37 Room2_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
37	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT

Description

Please see description for Room1_RelativeHumidity_in

3.2.2.38 Room2_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
38	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW

Description

Please see description for Room1_PresenceDetection_in

3.2.2.39 Room2_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
39	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT

Description

Please see description for Room1_Occupancy_out

3.2.2.40 Room2_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
40	Fan output	Start/stop	1.010 DPT_Start	CRT

Description

Please see description for Room1_Fan_out

3.2.2.41 Room2_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
41	Fan value output	Value	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_FanValue_out

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.2.42 Room2_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
42	Heating valve output	On/off	1.001 DPT_Switch	CRT
Description				
Please see description for Room1_HeatingValve_out				

3.2.2.43 Room2_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
43	Heating valve value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_HeatingValveValue_out				

3.2.2.44 Room2_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
44	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT
Description				
Please see description for Room1_VentilationStatus_out				

3.2.2.45 Room2_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
45	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup1_Max_out				

3.2.2.46 Room2_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
46	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT
Description				
Please see description for Room1_WindowGroup1_Hand_out				

3.2.2.47 Room2_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
47	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.2.48 Room2_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
48	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup2_Max_out				

3.2.2.49 Room2_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
49	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT
Description				
Please see description for Room1_WindowGroup2_Hand_out				

3.2.2.50 Room2_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
50	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup2_Auto_out				

3.2.3.51 Room3_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
51	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT
Description				
Please see description for Room1_Temperature_in				

3.2.3.52 Room3_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
52	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT
Description				
Please see description for Room1_CO2_in				

3.2.3.53 Room3_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
53	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW
Description				
Please see description for Room1_EnableAutomatic_in				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.3.54 Room3_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
54	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT
Description				
Please see description for Room1_RelativeHumidity_in				

3.2.3.55 Room3_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
55	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW
Description				
Please see description for Room1_PresenceDetection_in				

3.2.3.56 Room3_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
56	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT
Description				
Please see description for Room1_Occupancy_out				

3.2.3.57 Room3_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
57	Fan output	Start/stop	1.010 DPT_Start	CRT
Description				
Please see description for Room1_Fan_out				

3.2.3.58 Room3_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
58	Fan value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_FanValue_out				

3.2.3.59 Room3_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
59	Heating valve output	On/off	1.001 DPT_Switch	CRT
Description				
Please see description for Room1_HeatingValve_out				

3.2.3.60 Room3_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
60	Heating valve value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_HeatingValveValue_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.3.61 Room3_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
61	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT

Description

Please see description for Room1_VentilationStatus_out

3.2.3.62 Room3_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
62	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_WindowGroup1_Max_out

3.2.3.63 Room3_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
63	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

Please see description for Room1_WindowGroup1_Hand_out

3.2.3.64 Room3_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
64	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_WindowGroup1_Auto_out

3.2.3.65 Room3_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
65	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_WindowGroup2_Max_out

3.2.3.66 Room3_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
66	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

Please see description for Room1_WindowGroup2_Hand_out

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.3.67 Room3_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
67	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_WindowGroup2_Auto_out

3.2.4.68 Room4_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
68	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT

Description

Please see description for Room1_Temperature_in

3.2.4.69 Room4_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
69	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT

Description

Please see description for Room1_CO2_in

3.2.4.70 Room4_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
70	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW

Description

Please see description for Room1_EnableAutomatic_in

3.2.4.71 Room4_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
71	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT

Description

Please see description for Room1_RelativeHumidity_in

3.2.4.72 Room4_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
72	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW

Description

Please see description for Room1_PresenceDetection_in

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.4.73 Room4_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
73	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT
Description				
Please see description for Room1_Occupancy_out				

3.2.4.74 Room4_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
74	Fan output	Start/stop	1.010 DPT_Start	CRT
Description				
Please see description for Room1_Fan_out				

3.2.4.75 Room4_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
75	Fan value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_FanValue_out				

3.2.4.76 Room4_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
76	Heating valve output	On/off	1.001 DPT_Switch	CRT
Description				
Please see description for Room1_HeatingValve_out				

3.2.4.77 Room4_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
77	Heating valve value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_HeatingValveValue_out				

3.2.4.78 Room4_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
78	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT
Description				
Please see description for Room1_VentilationStatus_out				

3.2.4.79 Room4_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
79	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup1_Max_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.4.80 Room4_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
80	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

Please see description for Room1_WindowGroup1_Hand_out

3.2.4.81 Room4_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
81	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_WindowGroup1_Auto_out

3.2.4.82 Room4_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
82	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_WindowGroup2_Max_out

3.2.4.83 Room4_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
83	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

Please see description for Room1_WindowGroup2_Hand_out

3.2.4.84 Room4_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
84	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_WindowGroup2_Auto_out

3.2.5.85 Room5_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
85	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT

Description

Please see description for Room1_Temperature_in

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.5.86 Room5_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
86	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT
Description				
Please see description for Room1_CO2_in				

3.2.5.87 Room5_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
87	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW
Description				
Please see description for Room1_EnableAutomatic_in				

3.2.5.88 Room5_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
88	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT
Description				
Please see description for Room1_RelativeHumidity_in				

3.2.5.89 Room5_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
89	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW
Description				
Please see description for Room1_PresenceDetection_in				

3.2.5.90 Room5_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
90	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT
Description				
Please see description for Room1_Occupancy_out				

3.2.5.91 Room5_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
91	Fan output	Start/stop	1.010 DPT_Start	CRT
Description				
Please see description for Room1_Fan_out				

3.2.5.92 Room5_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
92	Fan value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_FanValue_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.5.93 Room5_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
93	Heating valve output	On/off	1.001 DPT_Switch	CRT
Description				
Please see description for Room1_HeatingValve_out				

3.2.5.94 Room5_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
94	Heating valve value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_HeatingValveValue_out				

3.2.5.95 Room5_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
95	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT
Description				
Please see description for Room1_VentilationStatus_out				

3.2.5.96 Room5_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
96	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup1_Max_out				

3.2.5.97 Room5_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
97	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT
Description				
Please see description for Room1_WindowGroup1_Hand_out				

3.2.5.98 Room5_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
98	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.5.99 Room5_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
99	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_WindowGroup2_Max_out

3.2.5.100 Room5_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
100	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

Please see description for Room1_WindowGroup2_Hand_out

3.2.5.101 Room5_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
101	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_WindowGroup2_Auto_out

3.2.6.102 Room6_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
102	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT

Description

Please see description for Room1_Temperature_in

3.2.6.103 Room6_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
103	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT

Description

Please see description for Room1_CO2_in

3.2.6.104 Room6_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
104	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW

Description

Please see description for Room1_EnableAutomatic_in

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.6.105 Room6_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
105	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT

Description

Please see description for Room1_RelativeHumidity_in

3.2.6.106 Room6_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
106	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW

Description

Please see description for Room1_PresenceDetection_in

3.2.6.107 Room6_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
107	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT

Description

Please see description for Room1_Occupancy_out

3.2.6.108 Room6_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
108	Fan output	Start/stop	1.010 DPT_Start	CRT

Description

Please see description for Room1_Fan_out

3.2.6.109 Room6_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
109	Fan value output	Value	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_FanValue_out

3.2.6.110 Room6_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
110	Heating valve output	On/off	1.001 DPT_Switch	CRT

Description

Please see description for Room1_HeatingValve_out

3.2.6.111 Room6_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
111	Heating valve value output	Value	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_HeatingValveValue_out

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.6.112 Room6_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
112	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT

Description

Please see description for Room1_VentilationStatus_out

3.2.6.113 Room6_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
113	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_WindowGroup1_Max_out

3.2.6.114 Room6_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
114	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

Please see description for Room1_WindowGroup1_Hand_out

3.2.6.115 Room6_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
115	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_WindowGroup1_Auto_out

3.2.6.116 Room6_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
116	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT

Description

Please see description for Room1_WindowGroup2_Max_out

3.2.6.117 Room6_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
117	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT

Description

Please see description for Room1_WindowGroup2_Hand_out

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.6.118 Room6_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
118	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup2_Auto_out				

3.2.7.119 Room7_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
119	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT
Description				
Please see description for Room1_Temperature_in				

3.2.7.120 Room7_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
120	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT
Description				
Please see description for Room1_CO2_in				

3.2.7.121 Room7_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
121	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW
Description				
Please see description for Room1_EnableAutomatic_in				

3.2.7.122 Room7_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
122	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT
Description				
Please see description for Room1_RelativeHumidity_in				

3.2.7.123 Room7_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
123	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW
Description				
Please see description for Room1_PresenceDetection_in				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.7.124 Room7_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
124	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT
Description				
Please see description for Room1_Occupancy_out				

3.2.7.125 Room7_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
125	Fan output	Start/stop	1.010 DPT_Start	CRT
Description				
Please see description for Room1_Fan_out				

3.2.7.126 Room7_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
126	Fan value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_FanValue_out				

3.2.7.127 Room7_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
127	Heating valve output	On/off	1.001 DPT_Switch	CRT
Description				
Please see description for Room1_HeatingValve_out				

3.2.7.128 Room7_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
128	Heating valve value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_HeatingValveValue_out				

3.2.7.129 Room7_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
129	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT
Description				
Please see description for Room1_VentilationStatus_out				

3.2.7.130 Room7_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
130	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup1_Max_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.7.131 Room7_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
131	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT
Description				
Please see description for Room1_WindowGroup1_Hand_out				

3.2.7.132 Room7_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
132	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup1_Auto_out				

3.2.7.133 Room7_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
133	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup2_Max_out				

3.2.7.134 Room7_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
134	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT
Description				
Please see description for Room1_WindowGroup2_Hand_out				

3.2.7.135 Room7_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
135	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup2_Auto_out				

3.2.8.136 Room8_Temperature_in

No.	ETS Description	Function	Data Point Type	Flags
136	Temperature sensor input	Sensor value	9.001 DPT_Value_Temp	CWT
Description				
Please see description for Room1_Temperature_in				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.8.137 Room8_CO2_in

No.	ETS Description	Function	Data Point Type	Flags
137	9.008 DPT_Value_AirQuality, CO ₂ sensor input	Sensor value	9.008 DPT_Value_AirQuality	CWT
Description				
Please see description for Room1_CO2_in				

3.2.8.138 Room8_EnableAutomatic_in

No.	ETS Description	Function	Data Point Type	Flags
138	Enable/disable automatic control input	Enable/disable	1.003 DPT_Enable	CW
Description				
Please see description for Room1_EnableAutomatic_in				

3.2.8.139 Room8_RelativeHumidity_in

No.	ETS Description	Function	Data Point Type	Flags
139	Relative humidity sensor input (8-bit)	Sensor value, 8-bit	5.001 DPT_Scaling	CWT
Description				
Please see description for Room1_RelativeHumidity_in				

3.2.8.140 Room8_PresenceDetection_in

No.	ETS Description	Function	Data Point Type	Flags
140	1.017 DPT_Trigger, Presence sensor input	Movement, trigger	1.017 DPT_Trigger	CW
Description				
Please see description for Room1_PresenceDetection_in				

3.2.8.141 Room8_Occupancy_out

No.	ETS Description	Function	Data Point Type	Flags
141	1.018 DPT_Occupancy, Occupancy output	Actual state	1.018 DPT_Occupancy	CRT
Description				
Please see description for Room1_Occupancy_out				

3.2.8.142 Room8_Fan_out

No.	ETS Description	Function	Data Point Type	Flags
142	Fan output	Start/stop	1.010 DPT_Start	CRT
Description				
Please see description for Room1_Fan_out				

3.2.8.143 Room8_FanValue_out

No.	ETS Description	Function	Data Point Type	Flags
143	Fan value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_FanValue_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.8.144 Room8_HeatingValve_out

No.	ETS Description	Function	Data Point Type	Flags
144	Heating valve output	On/off	1.001 DPT_Switch	CRT
Description				
Please see description for Room1_HeatingValve_out				

3.2.8.145 Room8_HeatingValveValue_out

No.	ETS Description	Function	Data Point Type	Flags
145	Heating valve value output	Value	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_HeatingValveValue_out				

3.2.8.146 Room8_VentilationStatus_out

No.	ETS Description	Function	Data Point Type	Flags
146	DPT_natural_ventilation_status, Control state output	Actual state, 8-bit	DPT_natural_ventilation_status(*)	CRT
Description				
Please see description for Room1_VentilationStatus_out				

3.2.8.147 Room8_WindowGroup1_Max_out

No.	ETS Description	Function	Data Point Type	Flags
147	Window group 1, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup1_Max_out				

3.2.8.148 Room8_WindowGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
148	6.001 DPT_Percent_V8, Window group 1, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT
Description				
Please see description for Room1_WindowGroup1_Hand_out				

3.2.8.149 Room8_WindowGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
149	Window group 1, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.2.8.150 Room8_WindowGroup2_Max_out

No.	ETS Description	Function	Data Point Type	Flags
150	Window group 2, limitation position command	Position limitation command	5.001 DPT_Scaling	CRT
Description				
Please see description for Room1_WindowGroup2_Max_out				

3.2.8.151 Room8_WindowGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
151	6.001 DPT_Percent_V8, Window group 2, hand/user relative position command	Hand relative position command	6.001 DPT_Percent_V8	CWT
Description				
Please see description for Room1_WindowGroup2_Hand_out				

3.2.8.152 Room8_WindowGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
152	Window group 2, comfort/automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_WindowGroup2_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3 Room communication objects for sun screening

3.3.1.153 Room1_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
153	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
This input object receives information about sun screening group 1 illuminance level. Any measurement unit is supported, e.g. lx or W/m ² .				

3.3.1.154 Room1_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
154	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
This output object transmits sun screening group 1 hand/user up/down (move) position commands.				

3.3.1.155 Room1_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
155	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
This output object transmits sun screening group 1 automatic sun screening position command in percent (0-100%).				

3.3.1.156 Room1_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
156	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
This output object transmits sun screening group 1 hand/user sun screening louvre adjustment (step) command.				

3.3.1.157 Room1_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
157	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
This output object transmits sun screening group 1 automatic sun screening louvre adjustment command in percent (0-100%).				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.1.158 Room1_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
158	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW

Description

This input object receives information about sun screening group 2 illuminance level. Any measurement unit is supported, e.g. lx or W/m².

3.3.1.159 Room1_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
159	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT

Description

This output object transmits sun screening group 2 hand/user up/down (move) position commands.

3.3.1.160 Room1_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
160	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

This output object transmits sun screening group 2 automatic sun screening position command in percent (0-100%).

3.3.1.161 Room1_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
161	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT

Description

This output object transmits sun screening group 2 hand/user sun screening louvre adjustment (step) command.

3.3.1.162 Room1_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
162	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT

Description

This output object transmits sun screening group 2 automatic sun screening louvre adjustment command in percent (0-100%).

3.3.1.163 Room1_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
163	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT

Description

This output object transmits auxiliary A value.

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.1.164 Room1_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
164	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT

Description

This output object transmits auxiliary B value.
E.g. used to control a ZoneVent™ "BMS temperature"/"Temp 0-10V" (Terminal 11).

3.3.2.165 Room2_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
165	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW

Description

Please see description for Room1_IlluminanceA_in

3.3.2.166 Room2_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
166	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT

Description

Please see description for Room1_SunScreeningGroup1_Hand_out

3.3.2.167 Room2_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
167	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningGroup1_Auto_out

3.3.2.168 Room2_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
168	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT

Description

Please see description for Room1_SunScreeningSlatGroup1_Hand_out

3.3.2.169 Room2_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
169	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningSlatGroup1_Auto_out

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.2.170 Room2_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
170	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceB_in				

3.3.2.171 Room2_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
171	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup2_Hand_out				

3.3.2.172 Room2_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
172	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup2_Auto_out				

3.3.2.173 Room2_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
173	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup2_Hand_out				

3.3.2.174 Room2_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
174	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup2_Auto_out				

3.3.2.175 Room2_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
175	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_Auxiliary_A				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.2.176 Room2_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
176	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT
Description				
Please see description for Room1_Auxiliary_B				

3.3.3.177 Room3_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
177	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceA_in				

3.3.3.178 Room3_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
178	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup1_Hand_out				

3.3.3.179 Room3_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
179	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup1_Auto_out				

3.3.3.180 Room3_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
180	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Hand_out				

3.3.3.181 Room3_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
181	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.3.182 Room3_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
182	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW

Description

Please see description for Room1_IlluminanceB_in

3.3.3.183 Room3_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
183	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT

Description

Please see description for Room1_SunScreeningGroup2_Hand_out

3.3.3.184 Room3_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
184	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningGroup2_Auto_out

3.3.3.185 Room3_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
185	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT

Description

Please see description for Room1_SunScreeningSlatGroup2_Hand_out

3.3.3.186 Room3_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
186	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningSlatGroup2_Auto_out

3.3.3.187 Room3_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
187	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT

Description

Please see description for Room1_Auxiliary_A

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.3.188 Room3_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
188	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT
Description				
Please see description for Room1_Auxiliary_B				

3.3.4.189 Room4_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
189	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceA_in				

3.3.4.190 Room4_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
190	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup1_Hand_out				

3.3.4.191 Room4_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
191	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup1_Auto_out				

3.3.4.192 Room4_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
192	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Hand_out				

3.3.4.193 Room4_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
193	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.4.194 Room4_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
194	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW

Description

Please see description for Room1_IlluminanceB_in

3.3.4.195 Room4_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
195	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT

Description

Please see description for Room1_SunScreeningGroup2_Hand_out

3.3.4.196 Room4_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
196	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningGroup2_Auto_out

3.3.4.197 Room4_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
197	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT

Description

Please see description for Room1_SunScreeningSlatGroup2_Hand_out

3.3.4.198 Room4_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
198	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningSlatGroup2_Auto_out

3.3.4.199 Room4_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
199	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT

Description

Please see description for Room1_Auxiliary_A

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.4.200 Room4_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
200	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT
Description				
Please see description for Room1_Auxiliary_B				

3.3.5.201 Room5_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
201	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceA_in				

3.3.5.202 Room5_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
202	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup1_Hand_out				

3.3.5.203 Room5_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
203	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup1_Auto_out				

3.3.5.204 Room5_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
204	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Hand_out				

3.3.5.205 Room5_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
205	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.5.206 Room5_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
206	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW

Description

Please see description for Room1_IlluminanceB_in

3.3.5.207 Room5_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
207	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT

Description

Please see description for Room1_SunScreeningGroup2_Hand_out

3.3.5.208 Room5_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
208	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningGroup2_Auto_out

3.3.5.209 Room5_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
209	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT

Description

Please see description for Room1_SunScreeningSlatGroup2_Hand_out

3.3.5.210 Room5_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
210	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningSlatGroup2_Auto_out

3.3.5.211 Room5_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
211	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT

Description

Please see description for Room1_Auxiliary_A

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.5.212 Room5_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
212	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT
Description				
Please see description for Room1_Auxiliary_B				

3.3.6.213 Room6_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
213	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceA_in				

3.3.6.214 Room6_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
214	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup1_Hand_out				

3.3.6.215 Room6_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
215	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup1_Auto_out				

3.3.6.216 Room6_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
216	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Hand_out				

3.3.6.217 Room6_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
217	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.6.218 Room6_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
218	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW

Description

Please see description for Room1_IlluminanceB_in

3.3.6.219 Room6_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
219	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT

Description

Please see description for Room1_SunScreeningGroup2_Hand_out

3.3.6.220 Room6_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
220	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningGroup2_Auto_out

3.3.6.221 Room6_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
221	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT

Description

Please see description for Room1_SunScreeningSlatGroup2_Hand_out

3.3.6.222 Room6_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
222	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningSlatGroup2_Auto_out

3.3.6.223 Room6_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
223	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT

Description

Please see description for Room1_Auxiliary_A

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.6.224 Room6_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
224	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT
Description				
Please see description for Room1_Auxiliary_B				

3.3.7.225 Room7_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
225	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceA_in				

3.3.7.226 Room7_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
226	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup1_Hand_out				

3.3.7.227 Room7_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
227	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup1_Auto_out				

3.3.7.228 Room7_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
228	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Hand_out				

3.3.7.229 Room7_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
229	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.7.230 Room7_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
230	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceB_in				

3.3.7.231 Room7_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
231	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup2_Hand_out				

3.3.7.232 Room7_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
232	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup2_Auto_out				

3.3.7.233 Room7_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
233	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup2_Hand_out				

3.3.7.234 Room7_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
234	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup2_Auto_out				

3.3.7.235 Room7_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
235	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_Auxiliary_A				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.7.236 Room7_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
236	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT
Description				
Please see description for Room1_Auxiliary_B				

3.3.8.237 Room8_IlluminanceA_in

No.	ETS Description	Function	Data Point Type	Flags
237	9.004 DPT_Value_Lux, Sun screening group 1, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW
Description				
Please see description for Room1_IlluminanceA_in				

3.3.8.238 Room8_SunScreeningGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
238	Sun screening group 1, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT
Description				
Please see description for Room1_SunScreeningGroup1_Hand_out				

3.3.8.239 Room8_SunScreeningGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
239	Sun screening group 1, automatic position command	Automatic position command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningGroup1_Auto_out				

3.3.8.240 Room8_SunScreeningSlatGroup1_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
240	Sun screening group 1, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Hand_out				

3.3.8.241 Room8_SunScreeningSlatGroup1_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
241	Sun screening group 1, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT
Description				
Please see description for Room1_SunScreeningSlatGroup1_Auto_out				

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.8.242 Room8_IlluminanceB_in

No.	ETS Description	Function	Data Point Type	Flags
242	9.004 DPT_Value_Lux, Sun screening group 2, illuminance sensor input	Sensor value	9.004 DPT_Value_Lux	CW

Description

Please see description for Room1_IlluminanceB_in

3.3.8.243 Room8_SunScreeningGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
243	Sun screening group 2, hand/user move command	Hand move position command	1.008 DPT_UpDown	CWT

Description

Please see description for Room1_SunScreeningGroup2_Hand_out

3.3.8.244 Room8_SunScreeningGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
244	Sun screening group 2, automatic position command	Automatic position command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningGroup2_Auto_out

3.3.8.245 Room8_SunScreeningSlatGroup2_Hand_out

No.	ETS Description	Function	Data Point Type	Flags
245	Sun screening group 2, hand/user louvre adjustment command	Hand louvre command	1.009 DPT_OpenClose	CWT

Description

Please see description for Room1_SunScreeningSlatGroup2_Hand_out

3.3.8.246 Room8_SunScreeningSlatGroup2_Auto_out

No.	ETS Description	Function	Data Point Type	Flags
246	Sun screening group 2, automatic louvre adjustment command	Automatic louvre command	5.001 DPT_Scaling	CT

Description

Please see description for Room1_SunScreeningSlatGroup2_Auto_out

3.3.8.247 Room8_Auxiliary_A

No.	ETS Description	Function	Data Point Type	Flags
247	Auxiliary A output	Value, 8-bit	5.001 DPT_Scaling	CT

Description

Please see description for Room1_Auxiliary_A

WindowMaster A/S	KNX
NV Comfort™ - Natural Ventilation Controller	Application program description

3.3.8.248 Room8_Auxiliary_B

No.	ETS Description	Function	Data Point Type	Flags
248	9.001 DPT_Value_Temp, Auxiliary B output	Value	9.001 DPT_Value_Temp	CT
Description				
Please see description for Room1_Auxiliary_B				

3.4.1.249 Building_SunScreeningSafety_out

No.	ETS Description	Function	Data Point Type	Flags
249	Sun screening safety	True/False	1.005 DPT_Alarm	CT
Description				
This output object transmits Building safety state. High wind or frost protection				

(*) Non-standardised data point type.