

LonWorks

Type	Index pCO	Name NV	Type NV	Direction	Index pCO
ANL	1	I_Sp_T_Cool_BMS	105	input	1
ANL	1	O_Sp_T_Cool_BMS	105	output	1
ANL	2	I_Sp_T_Heat_BMS	105	input	2
ANL	2	O_Sp_T_Heat_BMS	105	output	2
ANL	3	I_Sp_T_Cool_Uno	105	input	3
ANL	3	O_Sp_T_Cool_Uno	105	output	3
ANL	4	I_Sp_T_Heat_Uno	105	input	4
ANL	4	O_Sp_T_Heat_Uno	105	output	4
ANL	5	I_Sp_Hr_DeHu_BMS	81	input	5
ANL	5	O_Sp_Hr_DeHu_BMS	81	output	5
ANL	6	I_Sp_Hr_Humi_BMS	81	input	6
ANL	6	O_Sp_Hr_Humi_BMS	81	output	6
ANL	17	O_T_Room	105	output	17
ANL	18	O_T_Outside	105	output	18
ANL	19	O_Ia_T_Supply	105	output	19
ANL	20	O_Hr_Room	81	output	20
ANL	21	O_Ha_Room	23	output	21
ANL	22	O_Hr_Outside	81	output	22
ANL	23	O_Ha_Outside	23	output	23
INT	1	I_Sp_BMS_Dog	8	input	208
INT	1	O_Sp_BMS_Dog	8	output	208
INT	2	I_Sp_EcoMini_BMS	8	input	209
INT	2	O_Sp_EcoMini_BMS	8	output	209
INT	3	I_Hour	8	input	210
INT	3	O_Hour	8	output	210
INT	4	I_Minute	8	input	211
INT	4	O_Minute	8	output	211
INT	5	I_Day	8	input	212
INT	5	O_Day	8	output	212
INT	6	I_Month	8	input	213
INT	6	O_Month	8	output	213
INT	17	O_Error_Codes	8	output	224
INT	18	O_Oa_Eco	81	output	225
INT	19	O_Oa_GasHeat	81	output	226
INT	20	O_Oa_TriacHeat	81	output	227
INT	21	O_Oa_HotWater	81	output	228
DGT	1	I_Sp_On_Unit	95	input	415
DGT	1	O_Sp_On_Unit	95	output	415
DGT	2	I_Sp_Reset	95	input	416
DGT	2	O_Sp_Reset	95	output	416
DGT	3	I_Sp_Unoc	95	input	417
DGT	3	O_Sp_Unoc	95	output	417
DGT	4	I_Clock	95	input	418
DGT	17	O_Od_Alarm	95	output	431

	DS50
[Occupation][Room SP] Required maximum room temperature in °C. Cooling set point	3322 (BMS)
[Occupation][Room SP] Required minimum room temperature in °C. Heating set point	3323 (BMS)
[Unoccupied][Room SP] Required maximum room temperature in °C. Cooling set point	3322 (Uno)
[Unoccupied][Room SP] Required minimum room temperature in °C. Heating set point	3323 (Uno)
[Humidity] Desired Maximum relative humidity in Room (in %). – Dehumidification set point.	3341 (BMS)
[Humidity] Desired Minimum relative humidity in Room (in %). – Humidification set point.	3342 (BMS)
[Temperature] Room	2112
[Temperature] Outdoor	2111
[Temperature] Supply	2113
[Relative Humidity] Room	2122
[Absolute Humidity] Room	2124
[Relative Humidity] Outdoor	2121
[Absolute Humidity] Outdoor	2123
[BMS] Activation of the control by a computer or an automat - mode BMS is activated if this value is different from zero, This value is decreased every second	3932
[Room SP] Required room minimum fresh air rate in % Middle of the dead zone.	3312 (BMS)
[Clock] Hour	3121
[Clock] Minute	3122
[Clock] Day of the month	3123
[Clock] Month	3124
[Alarm] Code Error	1000
[% of opening] Damper of fresh air	2413
[% of opening] Valve gas	2618
[% of opening] Electrical heaters (Triac)	2627
[% of opening] Hot water coil	2633
[On / Off] Unit	3111
[Reset] Discharges the safety measures of the unit	3112
[BMS] Activation of the Unoccupied mode [Off] Occupied mode - [On] Unoccupied mode	3933
[Clock] [OFF] read hour & minute [ON] write hour & minute	...
[Alarm] General	1000

CLIMATIC 50 – ROOFTOP – VERSION 23



Type	Index pCO	Name NV	Type NV	Direction	Index pCO
DGT	18	O_Od_Blower	95	output	432
DGT	19	O_Od_Comp_1	95	output	433
DGT	20	O_Od_CPac_1	95	output	434
DGT	21	O_Od_Comp_2	95	output	435
DGT	22	O_Od_CPac_2	95	output	436
DGT	23	O_Od_Comp_3	95	output	437
DGT	24	O_Od_CPac_3	95	output	438
DGT	25	O_Od_Comp_4	95	output	439
DGT	26	O_Od_CPac_4	95	output	440
DGT	27	O_Od_GasHeat_11	95	output	441
DGT	28	O_Od_GasHeat_2	95	output	442
DGT	29	O_Od_GasHeat_12	95	output	443
DGT	30	O_Od_ElecHeat_1	95	output	444
DGT	31	O_Od_ElecHeat_2	95	output	445

	DS50
[On/Off] Fan, Blower	2315
[On/Off] Compressor, 1	2516
[On/Off] Compressor, Heat pump, 1	2517
[On/Off] Compressor, 2	2526
[On/Off] Compressor, Heat pump, 2	2527
[On/Off] Compressor, 3	2536
[On/Off] Compressor, Heat pump, 3	2537
[On/Off] Compressor, 4	2546
[On/Off] Compressor, Heat pump, 4	2547
[On/Off] Gas, Burner, 1	2615
[On/Off] Gas, Burner, 2	2616
[On/Off] Gas, Burner, High power, 1	2617
[On/Off] Electrical heaters, 1	2625
[On/Off] Electrical heaters, 2	2626

ERROR CODES

001	"Airflow"	086	Circuit 1, Temperature sensor, Water condenser Outlet
004	Filters, Clogged up	087	Circuit 2, Temperature sensor, Water condenser Outlet
005	Filters, Missing	088	Temperature sensor, return or Mixing air
006	Recovery Module , Filters, Clogged up	091	Blower
011	Electric heating elements	092	Circuit 1, Condenser fan
012	High Temperature, Blowing	093	Circuit 2, Condenser fan
013	Low Temperature, Ambient	094	Circuit 3, Condenser fan
014	Gas burner, 1	095	Circuit 4, Condenser fan
015	Gas burner, 2	096	Low temperature, Water Condenser
022	Low Temperature, Blowing	097	High temperature, Water Condenser
023	High Temperature, Ambient	098	Flow rate, water condenser
031	Humidifier	099	Smoke detector
032	Low Humidity, Ambient	111	Circuit 1, Probe or Sensor
033	High Humidity, Ambient	115	Circuit 1, High pressure or electrical protection
041	Pump	117	Circuit 1, Low pressure
051	Recovery Module, Motor failure	118	Circuit 1, Risk of Frosting
052	Recovery Module, Wheel failure	121	Circuit 2, Probe or Sensor
070	Clock card	125	Circuit 2, High pressure or electrical protection
071	BE50, 1	127	Circuit 2, Low pressure
072	BE50, 2	128	Circuit 2, Risk of Frosting
081	Temperature sensor, Ambient	131	Circuit 3, Probe or Sensor
082	Humidity sensor, Ambient	135	Circuit 3, High pressure or electrical protection
083	Temperature probe, Outside	137	Circuit 3, Low pressure
084	Humidity sensor, Outside	141	Circuit 4, Probe or Sensor
085	Temperature probe, Blower	145	Circuit 4, High pressure or electrical protection
		147	Circuit 4, Low pressure