

1.1 ModBus-Parameters RLS 45

Modbus Mode RTU
 baudrate 9600
 data-bits 8
 parity Even
 stop bit 1
 Modbus address: 10

<i>modbus-address</i>	<i>parameter-name</i>	<i>access read</i>
200	operating mode	03-Read Holding Register(4x)
201	ventilation level	03-Read Holding Register(4x)
202	sensor mode Heat recovery	03-Read Holding Register(4x)
203	sensor mode Cross ventilaton	03-Read Holding Register(4x)
204	error-reset	03-Read Holding Register(4x)
205	filter-reset	03-Read Holding Register(4x)
300	time remainig until unit filter change	03-Read Holding Register(4x)
301	rel. humidity value PP 45 HYI	03-Read Holding Register(4x)
302	error code	03-Read Holding Register(4x)
303	rel. humidity value ext. sensor	
304	air quality value ext. Sensor	
400	operating hour ventilation level off	03-Read Holding Register(4x)
401	operating days ventilation level off	03-Read Holding Register(4x)

402	operating hour ventilation step 1	03-Read Holding Register(4x)
403	operating days ventilation step 1	03-Read Holding Register(4x)
404	operating hour ventilation step 2	03-Read Holding Register(4x)
405	operating days ventilation step 2	03-Read Holding Register(4x)
406	operating hour ventilation step 3	03-Read Holding Register(4x)
407	operating days ventilation step 3	03-Read Holding Register(4x)
408	operating hour ventilation step 4	03-Read Holding Register(4x)
409	operating days ventilation step 4	03-Read Holding Register(4x)
410	operating hour ventilation step 5	03-Read Holding Register(4x)
411	operating days ventilation step 5	03-Read Holding Register(4x)
412	operating hour total	03-Read Holding Register(4x)
413	operating days total	03-Read Holding Register(4x)

<i>access write</i>	<i>Anzahl Werte</i>	<i>datatyp</i>	<i>R/W</i>
06-Write Single Register	1	16-bit unsigned	R/W
06-Write Single Register	1	16-bit unsigned	R/W
06-Write Single Register	1	16-bit unsigned	R/W
06-Write Single Register	1	16-bit unsigned	R/W
	1	16-bit unsigned	R
	1	16-bit unsigned	R
	1	16-bit unsigned	R
	1	16-bit unsigned	R
	1	16-bit unsigned	R
	1	16-bit unsigned	R
06-Write Single Register	1	16-bit unsigned	W
06-Write Single Register	1	16-bit unsigned	W
	1	16-bit unsigned	R
	1	16-bit unsigned	R

<i>min.</i>	<i>max.</i>	<i>step</i>	<i>default</i>	<i>comment</i>	<i>unit</i>
0	1	1	0	0= Heat recovery; 1= Cross ventilation	-
0	5	1	0	0= Off; to 5 = Ventilation Setp 5	-
0	1	1	0	0=inactiv; 1=activ	-
0	1	1	0	0=inactiv; 1=activ	-
0	1	1	0	1= reset	
0	1	1	0	1= reset	days
0	65536	1	2190		days
0	100	1	0		% r.F.
0	7	1	0	1= Internal error in RLS; 2= Overtemperature/overloading of mains adapter; 3 = No communication and/or failure of the external power units/RLS or PPB 30 K; 4 = No communication and/or failure of the sensors (RS 485, I2C); 5 = Internal system error slave power unit / RLS / PPB 30 K; 6 = No communication with the EnOcean module (PP 45 EO); 7 = No communication with taught-in sensor / error message from PP 45 RC	
0	100	1	0	write external rel. Humidity value to PsushPull Controller	% r.F.
0	3000	1	0	write external air quality value to PsushPull Controller	ppm
0	23	1	0	operating hour ventilation level off	hours
0	65536	1	0	operating days ventilation level off	days

0	23	1	0	operating hour ventilation step 1	hours
0	65536	1	0	operating days ventilation step 1	days
0	23	1	0	operating hour ventilation step 2	hours
0	65536	1	0	operating days ventilation step 2	days
0	23	1	0	operating hour ventilation step 3	hours
0	65536	1	0	operating days ventilation step 3	days
0	23	1	0	operating hour ventilation step 4	hours
0	65536	1	0	operating days ventilation step 4	days
0	23	1	0	operating hour ventilation step 5	hours
0	65536	1	0	operating days ventilation step 5	days
0	23	1	0	operating hour total	hours
0	65536	1	0	operating days total	days