

## 4 Modbus data points

Mode:	RTU	(MSB first)	
Standard:	Modbus application protocol specification V1.1a Modbus over serial lin V1.02		
WWW address	Modbus.org		
Baud	0=Modbus Off, 1=9600, 2=19200	default	0
Start bits	1	default	1
Data bits	8	default	8
Stop Bits	1	default	1
Parity	Even	default	Even
Address	1-247	default	50
Registers Map			
Support function	3,4,6,17		

Register number	Data description	R/W	Length	Units	Valid response	Remarks
3x0000	out 1 [%]	R	1	UINT16	0-100 %	Terminal 1+2
3x0001	out 2 [%]	R	1	UINT16	0-100 %	Terminal 3+4
3x0002	in1 [%]	R	1	UINT16	0-100 %	Terminal 5+6
3x0003	in2 [%]	R	1	UINT16	0-100 %	Terminal 7+8
3x0004	intern NTC [x0.1]	R	1	INT16	-400-600	-400=-40 deg °C
3x0005	Ekstem NTC1 NTC [x0.1]	R	1	INT16	-400-600	-400=-40 deg °C
3x0006	Ekstem NTC2 NTC [x0.1]	R	1	INT16	-400-600	-400=-40 deg °C
3x0007	Relay State	R	1	UINT16	0-1	
3x0008	Current setpoint	R	1	INT16		dep. of input E1
3x0009	Current InputValue	R	1	INT16		dep. of input E1

4x0001	Setpoint C2	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0020	Setpoint C1	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0021	Setpoint C3	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0022	Setpoint E7	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0023	Setpoint E1	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0024	Setpoint E2	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0025	Setpoint E8	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0026	Setpoint E9	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0027	Setpoint E10	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0028	Setpoint E11	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0029	Setpoint E12	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0030	Setpoint E5	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0031	Setpoint E6	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0032	Setpoint E3	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0033	Setpoint E13	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0034	Setpoint E14	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0035	Setpoint E15	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0036	Setpoint E16	R/W	1	UINT16	see setpoint	Use fct6 to write

## Multi Controller E regulate 230V (0629400)

Register number	Data description	R/W	Length	Units	Valid response	Remarks
4x0037	Setpoint E17	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0038	Setpoint E18	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0039	Setpoint E19	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0040	Setpoint E4	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0041	Setpoint E20	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0042	Setpoint E21	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0043	Setpoint E22	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0044	Setpoint E23	R/W	1	UINT16	see setpoint	Use fct6 to write
4x0100	Modbus address	R/W	1	UINT16	1-247	Use fct6 to write
4x0101	Modbus Baudrate	R/W	1	UINT16	0-2	Use fct6 to write
4x0102	Modbus Paritet (1=EVEN 2=ODD 3=NONE)	R/W	1	UINT16	1-3	Use fct6 to write
4x0103	ModbusAllowWrite	R	1	UINT16	0-1	Use fct6 to write
4x0200	Hours	R/W		UINT16	0-23	Use fct6 to write
4x0201	Minutes	R/W		UINT16	0-59	Use fct6 to write
4x0202	Day	R/W		UINT16	1-7	Use fct6 to write
4x0203	Date	R/W		UINT16	1-31	Use fct6 to write
4x0204	Month	R/W		UINT16	1-12	Use fct6 to write
4x0205	Year	R/W		UINT16	0-99	Use fct6 to write

4x0500	1 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0501	2 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0502	3 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0503	4 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0504	5 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0505	6 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0506	7 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0507	8 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0508	9 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0509	10 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0510	11 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0511	12 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0512	13 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0513	14 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0514	15 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0515	16 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0516	17 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0517	18 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0518	19 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0519	20 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0520	21 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0521	22 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0522	23 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0523	24 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0524	25 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0525	26 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0526	27 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0527	28 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write

## Multi Controller E regulate 230V (0629400)

Register number	Data description	R/W	Length	Units	Valid response	Remarks
4x0528	29 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0529	30 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0530	31 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0531	32 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0532	33 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0533	34 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0534	35 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0535	36 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0536	37 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0537	38 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0538	39 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0539	40 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0540	41 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0541	42 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0542	43 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0543	44 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0544	45 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0545	46 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0546	47 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0547	48 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0548	49 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0549	50 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0550	51 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0551	52 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0552	53 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0553	54 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0554	55 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0555	56 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0556	57 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0557	58 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0558	59 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0559	60 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0560	61 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0561	62 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0562	63 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0563	64 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0564	65 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0565	66 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0566	67 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0567	68 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0568	69 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0569	70 Calendar change merged hour+Min	R/W		UINT16	0-5947	Use fct6 to write
4x0600	1 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0601	2 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0602	3 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0603	4 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0604	5 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write

## Multi Controller E regulate 230V (0629400)

Register number	Data description	R/W	Length	Units	Valid response	Remarks
4x0605	6 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0606	7 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0607	8 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0608	9 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0609	10 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0610	11 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0611	12 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0612	13 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0613	14 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0614	15 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0615	16 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0616	17 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0617	18 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0618	19 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0619	20 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0620	21 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0621	22 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0622	23 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0623	24 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0624	25 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0625	26 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0626	27 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0627	28 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0628	29 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0629	30 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0630	31 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0631	32 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0632	33 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0633	34 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0634	35 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0635	36 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0636	37 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0637	38 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0638	39 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write



## Multi Controller E regulate 230V (0629400)

Register number	Data description	R/W	Length	Units	Valid response	Remarks
4x0639	40 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0640	41 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0641	42 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0642	43 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0643	44 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0644	45 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0645	46 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0646	47 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0647	48 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0648	49 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0649	50 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0650	51 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0651	52 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0652	53 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0653	54 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0654	55 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0655	56 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0656	57 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0657	58 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0658	59 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0659	60 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0660	61 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0661	62 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0662	63 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0663	64 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0664	65 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0665	66 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0666	67 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0667	68 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0668	69 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write
4x0669	70 Calendar Change level	R/W		UINT16	0=Stop 1=Normal 2=Alternative setpoint	Use fct6 to write