

Measurements

Supported Functions	Start Address	Register Counts
Read holding registers	0	24

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
0000	0000	float	2	V	Voltage L1-N	1	R				✓		✓		✓	✓
0002	0002	float	2	mA	Current L1	1	R				✓		✓		✓	✓
0004	0004	float	2	Hz	Measured frequency	1	R				✓		✓		✓	✓
0006	0006	float	2	W	Active power L1-N	1	R				✓		✓		✓	✓
0008	0008	float	2	var	Reactive power L1	1	R				✓		✓		✓	✓
0010	000A	float	2	VA	Apperant power L1-N	1	R				✓		✓		✓	✓
0012	000C	float	2	-	Power Factor L1	1	R				✓		✓		✓	✓
0014	000E	float	2	-	CosPhi L1	1	R				✓		✓		✓	✓
0016	0010	uint	2	-	Rotation field; 1=right, 0=none, -1=left	1	R				✓		✓		✓	✓
0018	0012	float	2	Angle	L1 Phase Voltage Angle	1	R				✓		✓		✓	✓
0020	0014	float	2	Angle	L1 Phase Current Angle	1	R				✓		✓		✓	✓
0022	0016	float	2	Derece	Internal Temp	1	R				✓		✓		✓	✓

Measurements 1 Cycle

Supported Functions	Start Address	Register Counts
Read holding registers	512	14

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multipli er	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
0512	0200	float	2	V	Voltage L1-N	1	R				✓		✓		✓	✓
0514	0202	float	2	mA	Current L1	1	R				✓		✓		✓	✓
0516	0204	float	2	Hz	Measured frequency	1	R				✓		✓		✓	✓
0518	0206	float	2	W	Active power L1-N	1	R				✓		✓		✓	✓
0520	0208	float	2	var	Reactive power L1	1	R				✓		✓		✓	✓
0522	020A	float	2	VA	Apperant power L1-N	1	R				✓		✓		✓	✓
0524	020C	float	2	-	Voltage Zero Cross Index L1	1	R				✓		✓		✓	✓

Measurements 10 Cycle

Supported Functions	Start Address	Register Counts
Read holding registers	768	24

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multipli er	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
0768	0300	float	2	V	Voltage L1-N	1	R				✓		✓		✓	✓
0770	0302	float	2	mA	Current L1	1	R				✓		✓		✓	✓
0772	0304	float	2	Hz	Measured frequency	1	R				✓		✓		✓	✓
0774	0306	float	2	W	Active power L1-N	1	R				✓		✓		✓	✓
0776	0308	float	2	var	Reactive power L1	1	R				✓		✓		✓	✓
0778	030A	float	2	VA	Apperant power L1-N	1	R				✓		✓		✓	✓
0780	030C	float	2	-	Power Factor L1	1	R				✓		✓		✓	✓
0782	030E	float	2	-	CosPhi L1	1	R				✓		✓		✓	✓
0784	0310	uint	2	-	Rotation field; 1=right, 0=none, -1=left	1	R				✓		✓		✓	✓
0786	0312	float	2	Angle	L1 Phase Voltage Angle	1	R				✓		✓		✓	✓
0788	0314	float	2	Angle	L1 Phase Current Angle	1	R				✓		✓		✓	✓
0790	0316	float	2	Derece	Internal Temp	1	R				✓		✓		✓	✓

Read Only Energies

Supported Functions	Start Address	Register Counts
Read holding registers	1024	44

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
1024	0400	ulong	4	Wh	Import Active Energy	1	R				✓		✓		✓	✓
1028	0404	ulong	4	Wh	Export Active Energy	1	R				✓		✓		✓	✓
1032	0408	ulong	4	Varh	Import Inductive Reactive Energy	1	R				✓		✓		✓	✓
1036	040C	ulong	4	Varh	Import Capacitive Reactive Energy	1	R				✓		✓		✓	✓
1040	0410	ulong	4	Varh	Export Inductive Reactive Energy	1	R				✓		✓		✓	✓
1044	0414	ulong	4	Varh	Export Capacitive Reactive Energy	1	R				✓		✓		✓	✓
1048	0418	ulong	4	VAh	Import Apparent Energy	1	R				✓		✓		✓	✓
1052	041C	ulong	4	VAh	Export Apparent Energy	1	R				✓		✓		✓	✓
1056	0420	ulong	4	Wh	Generator Import Active Energy	1	R				✓		✓		✓	✓
1060	0424	ulong	4	Wh	Generator Export Active Energy	1	R				✓		✓		✓	✓
1064	0428	float	2	%	Inductive Energy Rate	100	R				✓		✓		✓	✓
1066	042A	float	2	%	Capacitive Energy Rate	100	R				✓		✓		✓	✓

Writeable Energies

Supported Functions	Start Address	Register Counts
Read holding registers	1536	40

Write Single registers
Write Multiple registers

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multipli er	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
1536	0600	ulong	4	Wh	Import Active Energy	1	R/W				✓		✓		✓	✓
1540	0604	ulong	4	Wh	Export Active Energy	1	R/W				✓		✓		✓	✓
1544	0608	ulong	4	Varh	Import Inductive Reactive Energy	1	R/W				✓		✓		✓	✓
1548	060C	ulong	4	Varh	Import Capacitive Reactive Energy	1	R/W				✓		✓		✓	✓
1552	0610	ulong	4	Varh	Export Inductive Reactive Energy	1	R/W				✓		✓		✓	✓
1556	0614	ulong	4	Varh	Export Capacitive Reactive Energy	1	R/W				✓		✓		✓	✓
1560	0618	ulong	4	VAh	Import Apparent Energy	1	R/W				✓		✓		✓	✓
1564	061C	ulong	4	VAh	Export Apparent Energy	1	R/W				✓		✓		✓	✓
1568	0620	ulong	4	Wh	Generator Import Active Energy	1	R/W				✓		✓		✓	✓
1572	0624	ulong	4	Wh	Generator Export Active Energy	1	R/W				✓		✓		✓	✓

Min-Max, Max Demand, Demand Measurement

Supported Functions	Start Address	Register Counts
Read holding registers	2048	48

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multipli er	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
2048	0800	float	2	V	L1 Phase Max Voltage	1	R				✓		✓		✓	✓
2050	0802	uint	2	Time	L1 Phase Max Voltage Time	Unix Time Stamp	R				✓		✓		✓	✓
2052	0804	float	2	A	L1 Phase Max Current	1	R				✓		✓		✓	✓

2054	0806	uint	2	Time	L1 Phase Max Current Time	Unix Time Stamp	R				✓		✓		✓	✓
2056	0808	float	2	Hz	Max System Frequency	1	R				✓		✓		✓	✓
2058	080A	uint	2	Time	Max System Frequency Time	Unix Time Stamp	R				✓		✓		✓	✓
2060	080C	float	2	W	L1 Phase Max Active Power	1	R				✓		✓		✓	✓
2062	080E	uint	2	Time	L1 Phase Max Active Power Time	Unix Time Stamp	R				✓		✓		✓	✓
2064	0810	float	2	VAR	L1 Phase Max Reactive Power	1	R				✓		✓		✓	✓
2066	0812	uint	2	Time	L1 Phase Max Reactive Power Time	Unix Time Stamp	R				✓		✓		✓	✓
2068	0814	float	2	VA	L1 Phase Max Apperant Power	1	R				✓		✓		✓	✓
2070	0816	uint	2	Time	L1 Phase Max Apperant Power Time	Unix Time Stamp	R				✓		✓		✓	✓
2072	0818	float	2	V	L1 Phase Min Voltage	1	R				✓		✓		✓	✓
2074	081A	uint	2	Time	L1 Phase Min Voltage Time	Unix Time Stamp	R				✓		✓		✓	✓
2076	081C	float	2	A	L1 Phase Min Current	1	R				✓		✓		✓	✓
2078	081E	uint	2	Time	L1 Phase Min Current Time	Unix Time Stamp	R				✓		✓		✓	✓
2080	0820	float	2	W	L1 Phase Min Active Power	1	R				✓		✓		✓	✓
2082	0822	uint	2	Time	L1 Phase Min Active Power Time	Unix Time Stamp	R				✓		✓		✓	✓
2084	0824	float	2	VAR	L1 Phase Min Reactive Power	1	R				✓		✓		✓	✓
2086	0826	uint	2	Time	L1 Phase Min Reactive Power Time	Unix Time Stamp	R				✓		✓		✓	✓
2088	0828	float	2	VA	L1 Phase Min Apperant Power	1	R				✓		✓		✓	✓
2090	082A	uint	2	Time	L1 Phase Min Apperant Power Time	Unix Time Stamp	R				✓		✓		✓	✓
2092	082C	float	2	Hz	Min System Frequency	1	R				✓		✓		✓	✓

2094	082E	uint	2	Time	Min System Frequency Time	Unix Time Stamp	R					✓		✓		✓	✓
------	------	------	---	------	---------------------------	-----------------	---	--	--	--	--	---	--	---	--	---	---

THD

Supported Functions	Start Address	Register Counts
Read holding registers	3072	4

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
3072	0C00	float	2	%	Total Harmonic Distorsion VL1	100	R				✓		✓		✓	✓
3074	0C02	float	2	%	Total Harmonic Distorsion IL1	100	R				✓		✓		✓	✓

ALARM & STEP STATUS

Supported Functions	Start Address	Register Counts
Read holding registers	3200	26

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
3200	0C80	uint	2	-	Step Status. Bit 0: Step 1 Bit 19: Step 20 If Bit is one, step is armed. If Bit is zero, step is disarmed	1	R				✓		✓		✓	✓

[illegible]

3204	0C84	uint	2	-	Bit 0 : User Alarm 1 High Trip Bit 1 : User Alarm 2 High Trip Bit 2 : User Alarm 3 High Trip Bit 3 : User Alarm 4 High Trip Bit 4 : User Alarm 5 High Trip Bit 5 : User Alarm 6 High Trip Bit 6 : User Alarm 7 High Trip Bit 7 : User Alarm 8 High Trip Bit 8 : User Alarm 1 Low Trip Bit 9 : User Alarm 2 Low Trip Bit 10 : User Alarm 3 Low Trip Bit 11 : User Alarm 4 Low Trip Bit 12 : User Alarm 5 Low Trip Bit 13 : User Alarm 6 Low Trip Bit 14 : User Alarm 7 Low Trip Bit 15 : User Alarm 8 Low Trip Bit 16 : User Alarm 1 High Peak Bit 17 : User Alarm 2 High Peak Bit 18 : User Alarm 3 High Peak Bit 19 : User Alarm 4 High Peak Bit 20 : User Alarm 5 High Peak Bit 21 : User Alarm 6 High Peak Bit 22 : User Alarm 7 High Peak Bit 23 : User Alarm 8 High Peak Bit 24 : User Alarm 1 Low Peak Bit 25 : User Alarm 2 Low Peak Bit 26 : User Alarm 3 Low Peak Bit 27 : User Alarm 4 Low Peak Bit 28 : User Alarm 5 Low Peak Bit 29 : User Alarm 6 Low Peak Bit 30 : User Alarm 7 Low Peak	R				✓		✓		✓	✓
------	------	------	---	---	--	---	--	--	--	---	--	---	--	---	---

					Bit 0 : Capacitive Rate Exceeds Bit 1 : Inductive Rate Exceeds Bit 2 : Over Compensation Bit 3 : Under Compensation Bit 4 : Insufficient Capacitor Steps Bit 5 : Insufficient Inductor Steps Bit 6 : Insufficient Monophase Capacitor Steps Bit 7 : Wrong Steps Order Bit 8 : Step Fuse Open Bit 9 : Switch Welding Bit 10 : Step Temperature Limit Exceeds Bit 11 : Step Value Loss Bit 12 : Switch Life Bit 13 : Null15 Bit 14 : Wrong Steps Order for phase Bit 15 : Wrong Steps Order for phase Bit 16 : Wrong Steps Order for phase Bit 17 : Null14 Bit 18 : Null13 Bit 19 : Null12 Bit 20 : Null11 Bit 21 : Null10 Bit 22 : Null9 Bit 23 : Null8 Bit 24 : Null7 Bit 25 : Null6 Bit 26 : Null5 Bit 27 : Null4 Bit 28 : Null3 Bit 29 : Null2 Bit 30 : Null1											
3206	OC86	uint	2	-		R				✓		✓			✓	✓

[illegible]

[illegible]

[illegible]

3214	0C8E	uint	2	-	Bit 0 : Switch Life 1 Bit 1 : Switch Life 2 Bit 2 : Switch Life 3 Bit 3 : Switch Life 4 Bit 4 : Switch Life 5 Bit 5 : Switch Life 6 Bit 6 : Switch Life 7 Bit 7 : Switch Life 8 Bit 8 : Switch Life 9 Bit 9 : Switch Life 10 Bit 10 : Switch Life 11 Bit 11 : Switch Life 12 Bit 12 : Switch Life 13 Bit 13 : Switch Life 14 Bit 14 : Switch Life 15 Bit 15 : Switch Life 16 Bit 16 : Switch Life 17 Bit 17 : Switch Life 18 Bit 18 : Switch Life 19 Bit 19 : Switch Life 20 Bit 20 : Switch Life 21 Bit 21 : Switch Life 22 Bit 22 : Switch Life 23 Bit 23 : Switch Life 24 Bit 24 : Switch Life 25 Bit 25 : Switch Life 26 Bit 26 : Switch Life 27 Bit 27 : Switch Life 28 Bit 28 : Switch Life 29 Bit 29 : Switch Life 30 Bit 30 : Switch Life 31	R				✓		✓		✓	✓
------	------	------	---	---	--	---	--	--	--	---	--	---	--	---	---

[illegible]

3218	0C92	uint	2	-	Bit 0 : Step Temperature Warning Limit Exceeds 1 Bit 1 : Step Temperature Warning Limit Exceeds 2 Bit 2 : Step Temperature Warning Limit Exceeds 3 Bit 3 : Step Temperature Warning Limit Exceeds 4 Bit 4 : Step Temperature Warning Limit Exceeds 5 Bit 5 : Step Temperature Warning Limit Exceeds 6 Bit 6 : Step Temperature Warning Limit Exceeds 7 Bit 7 : Step Temperature Warning Limit Exceeds 8 Bit 8 : Step Temperature Warning Limit Exceeds 9 Bit 9 : Step Temperature Warning Limit Exceeds 10 Bit 10 : Step Temperature Warning Limit Exceeds 11 Bit 11 : Step Temperature Warning Limit Exceeds 12 Bit 12 : Step Temperature Warning Limit Exceeds 13 Bit 13 : Step Temperature Warning Limit Exceeds 14 Bit 14 : Step Temperature Warning Limit Exceeds 15 Bit 15 : Step Temperature Warning Limit Exceeds 16 Bit 16 : Step Temperature Warning Limit Exceeds 17 Bit 17 : Step Temperature Warning Limit Exceeds 18 Bit 18 : Step Temperature Warning Limit Exceeds 19 Bit 19 : Step Temperature Warning Limit Exceeds 20 Bit 20 : Step Temperature Warning Limit Exceeds 21 Bit 21 : Step Temperature Warning Limit Exceeds 22 Bit 22 : Step Temperature Warning Limit Exceeds 23 Bit 23 : Step Temperature Warning Limit Exceeds 24 Bit 24 : Step Temperature Warning Limit Exceeds 25 Bit 25 : Step Temperature Warning Limit Exceeds 26 Bit 26 : Step Temperature Warning Limit Exceeds 27 Bit 27 : Step Temperature Warning Limit Exceeds 28 Bit 28 : Step Temperature Warning Limit Exceeds 29 Bit 29 : Step Temperature Warning Limit Exceeds 30 Bit 30 : Step Temperature Warning Limit Exceeds 31	R					✓		✓		✓	✓
------	------	------	---	---	---	---	--	--	--	--	---	--	---	--	---	---

[illegible]

[illegible]

3224	0C98	uint	2	-	Bit 0 : Capacitive Warning Rate Exceeds Bit 1 : Inductive Warning Rate Exceeds Bit 2 : Over CompensationWarning Bit 3 : Under CompensationWarning Bit 4 : Null27 Bit 5 : Null26 Bit 6 : Null25 Bit 7 : Null24 Bit 8 : Null23 Bit 9 : Null22 Bit 10 : Step Temperature Warning Limit Exceeds Bit 11 : Step Value Loss Warning Bit 12 : Switch Life Warning Bit 13 : Null18 Bit 14 : Null17 Bit 15 : Null16 Bit 16 : Null15 Bit 17 : Null14 Bit 18 : Null13 Bit 19 : Null12 Bit 20 : Null11 Bit 21 : Null10 Bit 22 : Null9 Bit 23 : Null8 Bit 24 : Null7 Bit 25 : Null6 Bit 26 : Null5 Bit 27 : Null4 Bit 28 : Null3 Bit 29 : Null2 Bit 30 : Null1		R										
------	------	------	---	---	--	--	---	--	--	--	--	--	--	--	--	--	--

ALARMS

Supported Functions	Start Address	Register Counts
Read holding registers	3328	416

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multipli er	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
---------------	---------------	--------	-------------	-------	-------------	-------------	-----	-------	-------	-------	--------	-------	--------	--------	---------	---------

3328	0D00	uint	2		Null Alarm Source	1	R				✓		✓		✓	✓
3330	0D02	ushort	1		Null Alarm Type	1	R				✓		✓		✓	✓
3331	0D03	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3332	0D04	uint	2		L1 Voltage Loss Alarm Source	1	R				✓		✓		✓	✓
3334	0D06	ushort	1		L1 Voltage Loss Alarm Type	1	R				✓		✓		✓	✓
3335	0D07	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3336	0D08	uint	2	-	N / A	1	R									
3338	0D0A	ushort	1	-	N / A	1	R									
3339	0D0B	ushort	1	-	N / A	1	R									
3340	0D0C	uint	2	-	N / A	1	R									
3342	0D0E	ushort	1	-	N / A	1	R									
3343	0D0F	ushort	1	-	N / A	1	R									
3344	0D10	uint	2	-	N / A	1	R									
3346	0D12	ushort	1	-	N / A	1	R									
3347	0D13	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3348	0D14	uint	2		Wrong Phase Angle Alarm Source	1	R				✓		✓		✓	✓
3350	0D16	ushort	1		Wrong Phase Angle Alarm Type	1	R				✓		✓		✓	✓
3351	0D17	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3352	0D18	uint	2		Wrong Phase Sequence Alarm Source	1	R				✓		✓		✓	✓
3354	0D1A	ushort	1		Wrong Phase Sequence Alarm Type	1	R				✓		✓		✓	✓
3355	0D1B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3356	0D1C	uint	2		L1 Current Connection Loss Alarm Source	1	R				✓		✓		✓	✓
3358	0D1E	ushort	1		L1 Current Connection Loss Alarm Type	1	R				✓		✓		✓	✓
3359	0D1F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3360	0D20	uint	2	-	N / A	1	R									
3362	0D22	ushort	1	-	N / A	1	R									
3363	0D23	ushort	1	-	N / A	1	R									
3364	0D24	uint	2	-	N / A	1	R									
3366	0D26	ushort	1	-	N / A	1	R									
3367	0D27	ushort	1	-	N / A	1	R									
3368	0D28	uint	2		L1 Comp Current Connection Loss Alarm Source	1	R				✓		✓		✓	✓
3370	0D2A	ushort	1		L1 Comp Current Connection Loss Alarm Type	1	R				✓		✓		✓	✓
3371	0D2B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓

[illegible]

3416	0D58	uint	2	-	N / A	1	R										
3418	0D5A	ushort	1	-	N / A	1	R										
3419	0D5B	ushort	1	-	N / A	1	R										
3420	0D5C	uint	2		Fan Operation Alarm Source	1	R				✓		✓		✓	✓	
3422	0D5E	ushort	1		Fan Operation Alarm Type	1	R				✓		✓		✓	✓	
3423	0D5F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3424	0D60	uint	2		User Alarm 1 Source	1	R				✓		✓		✓	✓	
3426	0D62	ushort	1		User Alarm 1 Type	1	R				✓		✓		✓	✓	
3427	0D63	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3428	0D64	uint	2		User Alarm 2 Source	1	R				✓		✓		✓	✓	
3430	0D66	ushort	1		User Alarm 2 Type	1	R				✓		✓		✓	✓	
3431	0D67	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3432	0D68	uint	2		User Alarm 3 Source	1	R				✓		✓		✓	✓	
3434	0D6A	ushort	1		User Alarm 3 Type	1	R				✓		✓		✓	✓	
3435	0D6B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3436	0D6C	uint	2		User Alarm 4 Source	1	R				✓		✓		✓	✓	
3438	0D6E	ushort	1		User Alarm 4 Type	1	R				✓		✓		✓	✓	
3439	0D6F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3440	0D70	uint	2		User Alarm 5 Source	1	R				✓		✓		✓	✓	
3442	0D72	ushort	1		User Alarm 5 Type	1	R				✓		✓		✓	✓	
3443	0D73	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3444	0D74	uint	2		User Alarm 6 Source	1	R				✓		✓		✓	✓	
3446	0D76	ushort	1		User Alarm 6 Type	1	R				✓		✓		✓	✓	
3447	0D77	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3448	0D78	uint	2		User Alarm 7 Source	1	R				✓		✓		✓	✓	
3450	0D7A	ushort	1		User Alarm 7 Type	1	R				✓		✓		✓	✓	
3451	0D7B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3452	0D7C	uint	2		User Alarm 8 Source	1	R				✓		✓		✓	✓	
3454	0D7E	ushort	1		User Alarm 8 Type	1	R				✓		✓		✓	✓	
3455	0D7F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3456	0D80	uint	2		Cap. Rate Alarm Source	1	R				✓		✓		✓	✓	
3458	0D82	ushort	1		Cap. Rate Alarm Type	1	R				✓		✓		✓	✓	
3459	0D83	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	

[illegible]

3550	0DDE	ushort	1		Reserved	1	R										
3551	ODDF	ushort	1		Reserved	1	R										
3552	ODE0	uint	2		Reserved	1	R										
3554	ODE2	ushort	1		Reserved	1	R										
3555	ODE3	ushort	1		Reserved	1	R										
3556	ODE4	uint	2		Reserved	1	R										
3558	ODE6	ushort	1		Reserved	1	R										
3559	ODE7	ushort	1		Reserved	1	R										
3560	ODE8	uint	2		Reserved	1	R										
3562	ODEA	ushort	1		Reserved	1	R										
3563	ODEB	ushort	1		Reserved	1	R										
3564	ODEC	uint	2		Reserved	1	R										
3566	ODEE	ushort	1		Reserved	1	R										
3567	ODEF	ushort	1		Reserved	1	R										
3568	ODF0	uint	2		Reserved	1	R										
3570	ODF2	ushort	1		Reserved	1	R										
3571	ODF3	ushort	1		Reserved	1	R										
3572	ODF4	uint	2		Reserved	1	R										
3574	ODF6	ushort	1		Reserved	1	R										
3575	ODF7	ushort	1		Reserved	1	R										
3576	ODF8	uint	2		Reserved	1	R										
3578	ODFA	ushort	1		Reserved	1	R										
3579	ODFB	ushort	1		Reserved	1	R										
3580	ODFC	uint	2		Reserved	1	R										
3582	ODFE	ushort	1		Reserved	1	R										
3583	ODFF	ushort	1		Reserved	1	R										
3584	0E00	uint	2		Step Alarm 1 Source	1	R				✓		✓		✓	✓	
3586	0E02	ushort	1		Step Alarm 1 Type	1	R				✓		✓		✓	✓	
3587	0E03	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3588	0E04	uint	2		Step Alarm 2 Source	1	R				✓		✓		✓	✓	
3590	0E06	ushort	1		Step Alarm 2 Type	1	R				✓		✓		✓	✓	
3591	0E07	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓	
3592	0E08	uint	2		Step Alarm 3 Source	1	R				✓		✓		✓	✓	
3594	0E0A	ushort	1		Step Alarm 3 Type	1	R				✓		✓		✓	✓	

3595	0E0B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3596	0E0C	uint	2		Step Alarm 4 Source	1	R				✓		✓		✓	✓
3598	0E0E	ushort	1		Step Alarm 4 Type	1	R				✓		✓		✓	✓
3599	0E0F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3600	0E10	uint	2		Step Alarm 5 Source	1	R				✓		✓		✓	✓
3602	0E12	ushort	1		Step Alarm 5 Type	1	R				✓		✓		✓	✓
3603	0E13	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3604	0E14	uint	2		Step Alarm 6 Source	1	R				✓		✓		✓	✓
3606	0E16	ushort	1		Step Alarm 6 Type	1	R				✓		✓		✓	✓
3607	0E17	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3608	0E18	uint	2		Step Alarm 7 Source	1	R				✓		✓		✓	✓
3610	0E1A	ushort	1		Step Alarm 7 Type	1	R				✓		✓		✓	✓
3611	0E1B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3612	0E1C	uint	2		Step Alarm 8 Source	1	R				✓		✓		✓	✓
3614	0E1E	ushort	1		Step Alarm 8 Type	1	R				✓		✓		✓	✓
3615	0E1F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3616	0E20	uint	2		Step Alarm 9 Source	1	R				✓		✓		✓	✓
3618	0E22	ushort	1		Step Alarm 9 Type	1	R				✓		✓		✓	✓
3619	0E23	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3620	0E24	uint	2		Step Alarm 10 Source	1	R				✓		✓		✓	✓
3622	0E26	ushort	1		Step Alarm 10 Type	1	R				✓		✓		✓	✓
3623	0E27	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3624	0E28	uint	2		Step Alarm 11 Source	1	R				✓		✓		✓	✓
3626	0E2A	ushort	1		Step Alarm 11 Type	1	R				✓		✓		✓	✓
3627	0E2B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3628	0E2C	uint	2		Step Alarm 12 Source	1	R				✓		✓		✓	✓
3630	0E2E	ushort	1		Step Alarm 12 Type	1	R				✓		✓		✓	✓
3631	0E2F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3632	0E30	uint	2		Step Alarm 13 Source	1	R				✓		✓		✓	✓
3634	0E32	ushort	1		Step Alarm 13 Type	1	R				✓		✓		✓	✓
3635	0E33	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3636	0E34	uint	2		Step Alarm 14 Source	1	R				✓		✓		✓	✓
3638	0E36	ushort	1		Step Alarm 14 Type	1	R				✓		✓		✓	✓

3639	0E37	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3640	0E38	uint	2		Step Alarm 15 Source	1	R				✓		✓		✓	✓
3642	0E3A	ushort	1		Step Alarm 15 Type	1	R				✓		✓		✓	✓
3643	0E3B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3644	0E3C	uint	2		Step Alarm 16 Source	1	R				✓		✓		✓	✓
3646	0E3E	ushort	1		Step Alarm 16 Type	1	R				✓		✓		✓	✓
3647	0E3F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3648	0E40	uint	2		Step Alarm 17 Source	1	R				✓		✓		✓	✓
3650	0E42	ushort	1		Step Alarm 17 Type	1	R				✓		✓		✓	✓
3651	0E43	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3652	0E44	uint	2		Step Alarm 18 Source	1	R				✓		✓		✓	✓
3654	0E46	ushort	1		Step Alarm 18 Type	1	R				✓		✓		✓	✓
3655	0E47	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3656	0E48	uint	2		Step Alarm 19 Source	1	R				✓		✓		✓	✓
3658	0E4A	ushort	1		Step Alarm 19 Type	1	R				✓		✓		✓	✓
3659	0E4B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3660	0E4C	uint	2		Step Alarm 20 Source	1	R				✓		✓		✓	✓
3662	0E4E	ushort	1		Step Alarm 20 Type	1	R				✓		✓		✓	✓
3663	0E4F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3664	0E50	uint	2		Step Alarm 21 Source	1	R				✓		✓		✓	✓
3666	0E52	ushort	1		Step Alarm 21 Type	1	R				✓		✓		✓	✓
3667	0E53	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3668	0E54	uint	2		Step Alarm 22 Source	1	R				✓		✓		✓	✓
3670	0E56	ushort	1		Step Alarm 22 Type	1	R				✓		✓		✓	✓
3671	0E57	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3672	0E58	uint	2		Step Alarm 23 Source	1	R				✓		✓		✓	✓
3674	0E5A	ushort	1		Step Alarm 23 Type	1	R				✓		✓		✓	✓
3675	0E5B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3676	0E5C	uint	2		Step Alarm 24 Source	1	R				✓		✓		✓	✓
3678	0E5E	ushort	1		Step Alarm 24 Type	1	R				✓		✓		✓	✓
3679	0E5F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3680	0E60	uint	2		Step Alarm 25 Source	1	R				✓		✓		✓	✓
3682	0E62	ushort	1		Step Alarm 25 Type	1	R				✓		✓		✓	✓

3683	0E63	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3684	0E64	uint	2		Step Alarm 26 Source	1	R				✓		✓		✓	✓
3686	0E66	ushort	1		Step Alarm 26 Type	1	R				✓		✓		✓	✓
3687	0E67	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3688	0E68	uint	2		Step Alarm 27 Source	1	R				✓		✓		✓	✓
3690	0E6A	ushort	1		Step Alarm 27 Type	1	R				✓		✓		✓	✓
3691	0E6B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3692	0E6C	uint	2		Step Alarm 28 Source	1	R				✓		✓		✓	✓
3694	0E6E	ushort	1		Step Alarm 28 Type	1	R				✓		✓		✓	✓
3695	0E6F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3696	0E70	uint	2		Step Alarm 29 Source	1	R				✓		✓		✓	✓
3698	0E72	ushort	1		Step Alarm 29 Type	1	R				✓		✓		✓	✓
3699	0E73	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3700	0E74	uint	2		Step Alarm 30 Source	1	R				✓		✓		✓	✓
3702	0E76	ushort	1		Step Alarm 30 Type	1	R				✓		✓		✓	✓
3703	0E77	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3704	0E78	uint	2		Step Alarm 31 Source	1	R				✓		✓		✓	✓
3706	0E7A	ushort	1		Step Alarm 31 Type	1	R				✓		✓		✓	✓
3707	0E7B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3708	0E7C	uint	2		Step Alarm 32 Source	1	R				✓		✓		✓	✓
3710	0E7E	ushort	1		Step Alarm 32 Type	1	R				✓		✓		✓	✓
3711	0E7F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3712	0E80	uint	2		Step Alarm 33 Source	1	R				✓		✓		✓	✓
3714	0E82	ushort	1		Step Alarm 33 Type	1	R				✓		✓		✓	✓
3715	0E83	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3716	0E84	uint	2		Step Alarm 34 Source	1	R				✓		✓		✓	✓
3718	0E86	ushort	1		Step Alarm 34 Type	1	R				✓		✓		✓	✓
3719	0E87	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3720	0E88	uint	2		Step Alarm 35 Source	1	R				✓		✓		✓	✓
3722	0E8A	ushort	1		Step Alarm 35 Type	1	R				✓		✓		✓	✓
3723	0E8B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3724	0E8C	uint	2		Step Alarm 36 Source	1	R				✓		✓		✓	✓
3726	0E8E	ushort	1		Step Alarm 36 Type	1	R				✓		✓		✓	✓

3727	0E8F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3728	0E90	uint	2		Step Alarm 37 Source	1	R				✓		✓		✓	✓
3730	0E92	ushort	1		Step Alarm 37 Type	1	R				✓		✓		✓	✓
3731	0E93	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3732	0E94	uint	2		Step Alarm 38 Source	1	R				✓		✓		✓	✓
3734	0E96	ushort	1		Step Alarm 38 Type	1	R				✓		✓		✓	✓
3735	0E97	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3736	0E98	uint	2		Step Alarm 39 Source	1	R				✓		✓		✓	✓
3738	0E9A	ushort	1		Step Alarm 39 Type	1	R				✓		✓		✓	✓
3739	0E9B	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓
3740	0E9C	uint	2		Step Alarm 40 Source	1	R				✓		✓		✓	✓
3742	0E9E	ushort	1		Step Alarm 40 Type	1	R				✓		✓		✓	✓
3743	0E9F	ushort	1		Modbus Alarm Dynamic Status	1	R				✓		✓		✓	✓

THD I Harmonic Order

Supported Functions	Start Address	Register Counts
Read holding registers	4096	130

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
4096	1000	uint	1	-	Zero Data	0	R				✓		✓		✓	✓
4097	1001	uint	1	-	Number of Harmonics	1	R				✓		✓		✓	✓
4098	1002	float	2	A	AMPLITUDE H_IL1_0	1	R				✓		✓		✓	✓
4100	1004	float	2	Derece	ANGLE H_IL1_0	1	R				✓		✓		✓	✓
4102	1006	float	2	A	AMPLITUDE H_IL1_1	1	R				✓		✓		✓	✓
4104	1008	float	2	Derece	ANGLE H_IL1_1	1	R				✓		✓		✓	✓

4106	100A	float	2	A	AMPLITUDE H_IL1_2	1	R				✓		✓		✓	✓
4108	100C	float	2	Derece	ANGLE H_IL1_2	1	R				✓		✓		✓	✓
4110	100E	float	2	A	AMPLITUDE H_IL1_3	1	R				✓		✓		✓	✓
4112	1010	float	2	Derece	ANGLE H_IL1_3	1	R				✓		✓		✓	✓
4114	1012	float	2	A	AMPLITUDE H_IL1_4	1	R				✓		✓		✓	✓
4116	1014	float	2	Derece	ANGLE H_IL1_4	1	R				✓		✓		✓	✓
4118	1016	float	2	A	AMPLITUDE H_IL1_5	1	R				✓		✓		✓	✓
4120	1018	float	2	Derece	ANGLE H_IL1_5	1	R				✓		✓		✓	✓
4122	101A	float	2	A	AMPLITUDE H_IL1_6	1	R				✓		✓		✓	✓
4124	101C	float	2	Derece	ANGLE H_IL1_6	1	R				✓		✓		✓	✓
4126	101E	float	2	A	AMPLITUDE H_IL1_7	1	R				✓		✓		✓	✓
4128	1020	float	2	Derece	ANGLE H_IL1_7	1	R				✓		✓		✓	✓
4130	1022	float	2	A	AMPLITUDE H_IL1_8	1	R				✓		✓		✓	✓
4132	1024	float	2	Derece	ANGLE H_IL1_8	1	R				✓		✓		✓	✓
4134	1026	float	2	A	AMPLITUDE H_IL1_9	1	R				✓		✓		✓	✓
4136	1028	float	2	Derece	ANGLE H_IL1_9	1	R				✓		✓		✓	✓
4138	102A	float	2	A	AMPLITUDE H_IL1_10	1	R				✓		✓		✓	✓
4140	102C	float	2	Derece	ANGLE H_IL1_10	1	R				✓		✓		✓	✓
4142	102E	float	2	A	AMPLITUDE H_IL1_11	1	R				✓		✓		✓	✓
4144	1030	float	2	Derece	ANGLE H_IL1_11	1	R				✓		✓		✓	✓
4146	1032	float	2	A	AMPLITUDE H_IL1_12	1	R				✓		✓		✓	✓
4148	1034	float	2	Derece	ANGLE H_IL1_12	1	R				✓		✓		✓	✓
4150	1036	float	2	A	AMPLITUDE H_IL1_13	1	R				✓		✓		✓	✓
4152	1038	float	2	Derece	ANGLE H_IL1_13	1	R				✓		✓		✓	✓
4154	103A	float	2	A	AMPLITUDE H_IL1_14	1	R				✓		✓		✓	✓
4156	103C	float	2	Derece	ANGLE H_IL1_14	1	R				✓		✓		✓	✓
4158	103E	float	2	A	AMPLITUDE H_IL1_15	1	R				✓		✓		✓	✓
4160	1040	float	2	Derece	ANGLE H_IL1_15	1	R				✓		✓		✓	✓
4162	1042	float	2	A	AMPLITUDE H_IL1_16	1	R				✓		✓		✓	✓
4164	1044	float	2	Derece	ANGLE H_IL1_16	1	R				✓		✓		✓	✓
4166	1046	float	2	A	AMPLITUDE H_IL1_17	1	R				✓		✓		✓	✓
4168	1048	float	2	Derece	ANGLE H_IL1_17	1	R				✓		✓		✓	✓
4170	104A	float	2	A	AMPLITUDE H_IL1_18	1	R				✓		✓		✓	✓

4172	104C	float	2	Derece	ANGLE H_IL1_18	1	R				✓		✓		✓	✓
4174	104E	float	2	A	AMPLITUDE H_IL1_19	1	R				✓		✓		✓	✓
4176	1050	float	2	Derece	ANGLE H_IL1_19	1	R				✓		✓		✓	✓
4178	1052	float	2	A	AMPLITUDE H_IL1_20	1	R				✓		✓		✓	✓
4180	1054	float	2	Derece	ANGLE H_IL1_20	1	R				✓		✓		✓	✓
4182	1056	float	2	A	AMPLITUDE H_IL1_21	1	R				✓		✓		✓	✓
4184	1058	float	2	Derece	ANGLE H_IL1_21	1	R				✓		✓		✓	✓
4186	105A	float	2	A	AMPLITUDE H_IL1_22	1	R				✓		✓		✓	✓
4188	105C	float	2	Derece	ANGLE H_IL1_22	1	R				✓		✓		✓	✓
4190	105E	float	2	A	AMPLITUDE H_IL1_23	1	R				✓		✓		✓	✓
4192	1060	float	2	Derece	ANGLE H_IL1_23	1	R				✓		✓		✓	✓
4194	1062	float	2	A	AMPLITUDE H_IL1_24	1	R				✓		✓		✓	✓
4196	1064	float	2	Derece	ANGLE H_IL1_24	1	R				✓		✓		✓	✓
4198	1066	float	2	A	AMPLITUDE H_IL1_25	1	R				✓		✓		✓	✓
4200	1068	float	2	Derece	ANGLE H_IL1_25	1	R				✓		✓		✓	✓
4202	106A	float	2	A	AMPLITUDE H_IL1_26	1	R				✓		✓		✓	✓
4204	106C	float	2	Derece	ANGLE H_IL1_26	1	R				✓		✓		✓	✓
4206	106E	float	2	A	AMPLITUDE H_IL1_27	1	R				✓		✓		✓	✓
4208	1070	float	2	Derece	ANGLE H_IL1_27	1	R				✓		✓		✓	✓
4210	1072	float	2	A	AMPLITUDE H_IL1_28	1	R				✓		✓		✓	✓
4212	1074	float	2	Derece	ANGLE H_IL1_28	1	R				✓		✓		✓	✓
4214	1076	float	2	A	AMPLITUDE H_IL1_29	1	R				✓		✓		✓	✓
4216	1078	float	2	Derece	ANGLE H_IL1_29	1	R				✓		✓		✓	✓
4218	107A	float	2	A	AMPLITUDE H_IL1_30	1	R				✓		✓		✓	✓
4220	107C	float	2	Derece	ANGLE H_IL1_30	1	R				✓		✓		✓	✓
4222	107E	float	2	A	AMPLITUDE H_IL1_31	1	R				✓		✓		✓	✓
4224	1080	float	2	Derece	ANGLE H_IL1_31	1	R				✓		✓		✓	✓

THD VLN Harmonic Order

Supported Functions	Start Address	Register Counts
Read holding registers	8192	130

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
8192	2000	uint	1	-	Zero Data	0	R				✓		✓		✓	✓
8193	2001	uint	1	-	Number of Harmonics	1	R				✓		✓		✓	✓
8194	2002	float	2	V	AMPLITUDE H_VL1_0	1	R				✓		✓		✓	✓
8196	2004	float	2	Derece	ANGLE H_VL1_0	1	R				✓		✓		✓	✓
8198	2006	float	2	V	AMPLITUDE H_VL1_1	1	R				✓		✓		✓	✓
8200	2008	float	2	Derece	ANGLE H_VL1_1	1	R				✓		✓		✓	✓
8202	200A	float	2	V	AMPLITUDE H_VL1_2	1	R				✓		✓		✓	✓
8204	200C	float	2	Derece	ANGLE H_VL1_2	1	R				✓		✓		✓	✓
8206	200E	float	2	V	AMPLITUDE H_VL1_3	1	R				✓		✓		✓	✓
8208	2010	float	2	Derece	ANGLE H_VL1_3	1	R				✓		✓		✓	✓
8210	2012	float	2	V	AMPLITUDE H_VL1_4	1	R				✓		✓		✓	✓
8212	2014	float	2	Derece	ANGLE H_VL1_4	1	R				✓		✓		✓	✓
8214	2016	float	2	V	AMPLITUDE H_VL1_5	1	R				✓		✓		✓	✓
8216	2018	float	2	Derece	ANGLE H_VL1_5	1	R				✓		✓		✓	✓
8218	201A	float	2	V	AMPLITUDE H_VL1_6	1	R				✓		✓		✓	✓
8220	201C	float	2	Derece	ANGLE H_VL1_6	1	R				✓		✓		✓	✓
8222	201E	float	2	V	AMPLITUDE H_VL1_7	1	R				✓		✓		✓	✓
8224	2020	float	2	Derece	ANGLE H_VL1_7	1	R				✓		✓		✓	✓
8226	2022	float	2	V	AMPLITUDE H_VL1_8	1	R				✓		✓		✓	✓
8228	2024	float	2	Derece	ANGLE H_VL1_8	1	R				✓		✓		✓	✓
8230	2026	float	2	V	AMPLITUDE H_VL1_9	1	R				✓		✓		✓	✓
8232	2028	float	2	Derece	ANGLE H_VL1_9	1	R				✓		✓		✓	✓
8234	202A	float	2	V	AMPLITUDE H_VL1_10	1	R				✓		✓		✓	✓
8236	202C	float	2	Derece	ANGLE H_VL1_10	1	R				✓		✓		✓	✓
8238	202E	float	2	V	AMPLITUDE H_VL1_11	1	R				✓		✓		✓	✓
8240	2030	float	2	Derece	ANGLE H_VL1_11	1	R				✓		✓		✓	✓

8242	2032	float	2	V	AMPLITUDE H_VL1_12	1	R				✓		✓		✓	✓
8244	2034	float	2	Derece	ANGLE H_VL1_12	1	R				✓		✓		✓	✓
8246	2036	float	2	V	AMPLITUDE H_VL1_13	1	R				✓		✓		✓	✓
8248	2038	float	2	Derece	ANGLE H_VL1_13	1	R				✓		✓		✓	✓
8250	203A	float	2	V	AMPLITUDE H_VL1_14	1	R				✓		✓		✓	✓
8252	203C	float	2	Derece	ANGLE H_VL1_14	1	R				✓		✓		✓	✓
8254	203E	float	2	V	AMPLITUDE H_VL1_15	1	R				✓		✓		✓	✓
8256	2040	float	2	Derece	ANGLE H_VL1_15	1	R				✓		✓		✓	✓
8258	2042	float	2	V	AMPLITUDE H_VL1_16	1	R				✓		✓		✓	✓
8260	2044	float	2	Derece	ANGLE H_VL1_16	1	R				✓		✓		✓	✓
8262	2046	float	2	V	AMPLITUDE H_VL1_17	1	R				✓		✓		✓	✓
8264	2048	float	2	Derece	ANGLE H_VL1_17	1	R				✓		✓		✓	✓
8266	204A	float	2	V	AMPLITUDE H_VL1_18	1	R				✓		✓		✓	✓
8268	204C	float	2	Derece	ANGLE H_VL1_18	1	R				✓		✓		✓	✓
8270	204E	float	2	V	AMPLITUDE H_VL1_19	1	R				✓		✓		✓	✓
8272	2050	float	2	Derece	ANGLE H_VL1_19	1	R				✓		✓		✓	✓
8274	2052	float	2	V	AMPLITUDE H_VL1_20	1	R				✓		✓		✓	✓
8276	2054	float	2	Derece	ANGLE H_VL1_20	1	R				✓		✓		✓	✓
8278	2056	float	2	V	AMPLITUDE H_VL1_21	1	R				✓		✓		✓	✓
8280	2058	float	2	Derece	ANGLE H_VL1_21	1	R				✓		✓		✓	✓
8282	205A	float	2	V	AMPLITUDE H_VL1_22	1	R				✓		✓		✓	✓
8284	205C	float	2	Derece	ANGLE H_VL1_22	1	R				✓		✓		✓	✓
8286	205E	float	2	V	AMPLITUDE H_VL1_23	1	R				✓		✓		✓	✓
8288	2060	float	2	Derece	ANGLE H_VL1_23	1	R				✓		✓		✓	✓
8290	2062	float	2	V	AMPLITUDE H_VL1_24	1	R				✓		✓		✓	✓
8292	2064	float	2	Derece	ANGLE H_VL1_24	1	R				✓		✓		✓	✓
8294	2066	float	2	V	AMPLITUDE H_VL1_25	1	R				✓		✓		✓	✓
8296	2068	float	2	Derece	ANGLE H_VL1_25	1	R				✓		✓		✓	✓
8298	206A	float	2	V	AMPLITUDE H_VL1_26	1	R				✓		✓		✓	✓
8300	206C	float	2	Derece	ANGLE H_VL1_26	1	R				✓		✓		✓	✓
8302	206E	float	2	V	AMPLITUDE H_VL1_27	1	R				✓		✓		✓	✓
8304	2070	float	2	Derece	ANGLE H_VL1_27	1	R				✓		✓		✓	✓
8306	2072	float	2	V	AMPLITUDE H_VL1_28	1	R				✓		✓		✓	✓

8308	2074	float	2	Derece	ANGLE H_VL1_28	1	R				✓		✓		✓	✓
8310	2076	float	2	V	AMPLITUDE H_VL1_29	1	R				✓		✓		✓	✓
8312	2078	float	2	Derece	ANGLE H_VL1_29	1	R				✓		✓		✓	✓
8314	207A	float	2	V	AMPLITUDE H_VL1_30	1	R				✓		✓		✓	✓
8316	207C	float	2	Derece	ANGLE H_VL1_30	1	R				✓		✓		✓	✓
8318	207E	float	2	V	AMPLITUDE H_VL1_31	1	R				✓		✓		✓	✓
8320	2080	float	2	Derece	ANGLE H_VL1_31	1	R				✓		✓		✓	✓

Step Status

Supported Functions	Start Address	Register Counts
Read holding registers	10240	132

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
10240	2800	float	2	VAR	Step 1 Actual Steps Value	1	R				✓		✓		✓	✓
10242	2802	float	2	Hour	Step 1 Step Connection Hour	1	R				✓		✓		✓	✓
10244	2804	uint	2	-	Step 1 Step Switching Count	1	R				✓		✓		✓	✓
10246	2806	uint	2	Second	Step 1 Remaining discharge time counter	1	R				✓		✓		✓	✓
10248	2808	uint	2	-	Step 1 Step Status (Enable Disable Armed vs.)	1	R				✓		✓		✓	✓
10250	280A	ushort	1	-	Step 1 Defected Status	1	R				✓		✓		✓	✓
10251	280B	float	2	VAR	Step 2 Actual Steps Value	1	R				✓		✓		✓	✓
10253	280D	float	2	Hour	Step 2 Step Connection Hour	1	R				✓		✓		✓	✓
10255	280F	uint	2	-	Step 2 Step Switching Count	1	R				✓		✓		✓	✓
10257	2811	uint	2	Second	Step 2 Remaining discharge time counter	1	R				✓		✓		✓	✓
10259	2813	uint	2	-	Step 2 Step Status (Enable Disable Armed vs.)	1	R				✓		✓		✓	✓

10261	2815	ushort	1	-	Step 2 Defected Status	1	R				✓		✓		✓	✓
10262	2816	float	2	VAR	Step 3 Actuel Steps Value	1	R				✓		✓		✓	✓
10264	2818	float	2	Hour	Step 3 Step Connection Hour	1	R				✓		✓		✓	✓
10266	281A	uint	2	-	Step 3 Step Switching Count	1	R				✓		✓		✓	✓
10268	281C	uint	2	Second	Step 3 Remaining discharge time counter	1	R				✓		✓		✓	✓
10270	281E	uint	2	-	Step 3 Step Status (Enable Disable Armed vs.)	1	R				✓		✓		✓	✓
10272	2820	ushort	1	-	Step 3 Defected Status	1	R				✓		✓		✓	✓
10273	2821	float	2	VAR	Step 4 Actuel Steps Value	1	R				✓		✓		✓	✓
10275	2823	float	2	Hour	Step 4 Step Connection Hour	1	R				✓		✓		✓	✓
10277	2825	uint	2	-	Step 4 Step Switching Count	1	R				✓		✓		✓	✓
10279	2827	uint	2	Second	Step 4 Remaining discharge time counter	1	R				✓		✓		✓	✓
10281	2829	uint	2	-	Step 4 Step Status (Enable Disable Armed vs.)	1	R				✓		✓		✓	✓
10283	282B	ushort	1	-	Step 4 Defected Status	1	R				✓		✓		✓	✓
10284	282C	float	2	VAR	Step 5 Actuel Steps Value	1	R				✓		✓		✓	✓
10286	282E	float	2	Hour	Step 5 Step Connection Hour	1	R				✓		✓		✓	✓
10288	2830	uint	2	-	Step 5 Step Switching Count	1	R				✓		✓		✓	✓
10290	2832	uint	2	Second	Step 5 Remaining discharge time counter	1	R				✓		✓		✓	✓
10292	2834	uint	2	-	Step 5 Step Status (Enable Disable Armed vs.)	1	R				✓		✓		✓	✓
10294	2836	ushort	1	-	Step 5 Defected Status	1	R				✓		✓		✓	✓
10295	2837	float	2	VAR	Step 6 Actuel Steps Value	1	R				✓		✓		✓	✓
10297	2839	float	2	Hour	Step 6 Step Connection Hour	1	R				✓		✓		✓	✓
10299	283B	uint	2	-	Step 6 Step Switching Count	1	R				✓		✓		✓	✓
10301	283D	uint	2	Second	Step 6 Remaining discharge time counter	1	R				✓		✓		✓	✓
10303	283F	uint	2	-	Step 6 Step Status (Enable Disable Armed vs.)	1	R				✓		✓		✓	✓
10305	2841	ushort	1	-	Step 6 Defected Status	1	R				✓		✓		✓	✓
10306	2842	float	2	VAR	Step 7 Actuel Steps Value	1	R						✓		✓	✓
10308	2844	float	2	Hour	Step 7 Step Connection Hour	1	R						✓		✓	✓
10310	2846	uint	2	-	Step 7 Step Switching Count	1	R						✓		✓	✓
10312	2848	uint	2	Second	Step 7 Remaining discharge time counter	1	R						✓		✓	✓
10314	284A	uint	2	-	Step 7 Step Status (Enable Disable Armed vs.)	1	R						✓		✓	✓
10316	284C	ushort	1	-	Step 7 Defected Status	1	R						✓		✓	✓
10317	284D	float	2	VAR	Step 8 Actuel Steps Value	1	R						✓		✓	✓
10319	284F	float	2	Hour	Step 8 Step Connection Hour	1	R						✓		✓	✓

[illegible]

10382	288E	ushort	1	-	Step 13 Defected Status	1	R										✓
10383	288F	float	2	VAR	Step 14 Actuel Steps Value	1	R										✓
10385	2891	float	2	Hour	Step 14 Step Connection Hour	1	R										✓
10387	2893	uint	2	-	Step 14 Step Switching Count	1	R										✓
10389	2895	uint	2	Second	Step 14 Remaining discharge time counter	1	R										✓
10391	2897	uint	2	-	Step 14 Step Status (Enable Disable Armed vs.)	1	R										✓
10393	2899	ushort	1	-	Step 14 Defected Status	1	R										✓
10394	289A	float	2	VAR	Step 15 Actuel Steps Value	1	R										✓
10396	289C	float	2	Hour	Step 15 Step Connection Hour	1	R										✓
10398	289E	uint	2	-	Step 15 Step Switching Count	1	R										✓
10400	28A0	uint	2	Second	Step 15 Remaining discharge time counter	1	R										✓
10402	28A2	uint	2	-	Step 15 Step Status (Enable Disable Armed vs.)	1	R										✓
10404	28A4	ushort	1	-	Step 15 Defected Status	1	R										✓
10405	28A5	float	2	VAR	Step 16 Actuel Steps Value	1	R										✓
10407	28A7	float	2	Hour	Step 16 Step Connection Hour	1	R										✓
10409	28A9	uint	2	-	Step 16 Step Switching Count	1	R										✓
10411	28AB	uint	2	Second	Step 16 Remaining discharge time counter	1	R										✓
10413	28AD	uint	2	-	Step 16 Step Status (Enable Disable Armed vs.)	1	R										✓
10415	28AF	ushort	1	-	Step 16 Defected Status	1	R										✓

Setup

Supported Functions	Start Address	Register Counts
Read holding registers	16384	178

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
16384	4000	uint	2	-	N / A	0	R/W	-								

16386	4002	uint	2	-	N / A	1	R/W	-									
16388	4004	uint	2	-	N / A	1	R/W	-									
16390	4006	uint	2	-	N / A	1	R/W	-									
16392	4008	float	2	A	Current Transformer Primary Value	1	R/W	5 - 9999			✓		✓		✓	✓	
16394	400A	uint	2	A	Current Transformer Secondary Value (x5) 0: 1A 1: 5A	1	R/W	0-1			✓		✓		✓	✓	
16396	400C	uint	2	-	N / A	1	R/W	-									
16398	400E	uint	2	-	N / A	1	R/W	-									
16400	4010	float	2	A	System Nominal Current Value	1	R/W	1.0 -- 10000			✓		✓		✓	✓	
16402	4012	float	2	V	System Nominal Voltage Value	1	R/W	90 - 550			✓		✓		✓	✓	
16404	4014	uint	2	Hz	System Nominal Frequency Value 0: 50 Hz 1: 60 Hz	1	R/W	0-1			✓		✓		✓	✓	
16406	4016	uint	2	-	Calculation Method Arithmetic, Vectored 0: Arithmetic 1: Vectored	1	R/W	0-1			✓		✓		✓	✓	
16408	4018	uint	2	-	N / A	1	R/W	-									
16410	401A	uint	2	-	N / A	1	R/W	-									
16412	401C	uint	2	-	Menu Language 0: Turkish 1: English 2: Germany 3: French 4: Spanish	1	R/W	0 - 4			✓		✓		✓	✓	
16414	401E	uint	2	-	N / A	1	R/W	-									
16416	4020	uint	2	-	Display Backlight 0: Kapalı 1: Açık 2: Otomatik	1	R/W	0-2			✓		✓		✓	✓	
16418	4022	uint	2	-	Gui Password	1	R/W	0-9999			✓		✓		✓	✓	
16420	4024	uint	2	-	Gui Password Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓	
16422	4026	uint	2		Protokol Selection Modbus or JBUS	1	R/W	0-1			✓		✓		✓	✓	
16424	4028	uint	2		Modbus/JBUSAdress	1	R/W	1-247			✓		✓		✓	✓	

16426	402A	uint	2		0: 2400 1: 4800 2: 9600 3: 19200 4: 38400 5: 57600 6: 115200 7: 256000	1	R/W	0-7			✓		✓		✓	✓
16428	402C	uint	2		Party: 0: None 1: Odd 2: Even	1	R/W	0-2			✓		✓		✓	✓
16430	402E	uint	2	-	Alarm 1 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓
16432	4030	uint	2	-	Alarm 1 Parameter: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16434	4032	uint	2	-	Alarm 1 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16436	4034	uint	2	s	Alarm 1 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16438	4036	uint	2	s	Alarm 1 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16440	4038	float	2	%	Alarm 1 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓
16442	403A	float	2	Depends on parameter	Alarm 1 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16444	403C	float	2	Depends on parameter	Alarm 1 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16446	403E	uint	2	-	Alarm 2 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓

16448	4040	uint	2	-	Alarm 2 Parameters: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16450	4042	uint	2	-	Alarm 2 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16452	4044	uint	2	s	Alarm 2 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16454	4046	uint	2	s	Alarm 2 OffDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16456	4048	float	2	%	Alarm 2 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓
16458	404A	float	2	Depends on parameter	Alarm 2 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16460	404C	float	2	Depends on parameter	Alarm 2 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16462	404E	uint	2	-	Alarm 3 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓
16464	4050	uint	2	-	Alarm 3 Parameters: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16466	4052	uint	2	-	Alarm 3 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16468	4054	uint	2	s	Alarm 3 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16470	4056	uint	2	s	Alarm 3 OffDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16472	4058	float	2	%	Alarm 3 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓

16474	405A	float	2	Depends on parameter	Alarm 3 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16476	405C	float	2	Depends on parameter	Alarm 3 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16478	405E	uint	2	-	Alarm 4 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓
16480	4060	uint	2	-	Alarm 4 Parameter: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16482	4062	uint	2	-	Alarm 4 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16484	4064	uint	2	s	Alarm 4 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16486	4066	uint	2	s	Alarm 4 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16488	4068	float	2	%	Alarm 4 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓
16490	406A	float	2	Depends on parameter	Alarm 4 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16492	406C	float	2	Depends on parameter	Alarm 4 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16494	406E	uint	2	-	Alarm 5 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓

16496	4070	uint	2	-	Alarm 5 Parameters: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16498	4072	uint	2	-	Alarm 5 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16500	4074	uint	2	s	Alarm 5 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16502	4076	uint	2	s	Alarm 5 OffDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16504	4078	float	2	%	Alarm 5 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓
16506	407A	float	2	Depends on parameter	Alarm 5 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16508	407C	float	2	Depends on parameter	Alarm 5 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16510	407E	uint	2	-	Alarm 6 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓
16512	4080	uint	2	-	Alarm 6 Parameters: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16514	4082	uint	2	-	Alarm 6 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16516	4084	uint	2	s	Alarm 6 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16518	4086	uint	2	s	Alarm 6 OffDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16520	4088	float	2	%	Alarm 6 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓

16522	408A	float	2	Depends on parameter	Alarm 6 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16524	408C	float	2	Depends on parameter	Alarm 6 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16526	408E	uint	2	-	Alarm 7 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓
16528	4090	uint	2	-	Alarm 7 Parameter: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16530	4092	uint	2	-	Alarm 7 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16532	4094	uint	2	s	Alarm 7 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16534	4096	uint	2	s	Alarm 7 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16536	4098	float	2	%	Alarm 7 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓
16538	409A	float	2	Depends on parameter	Alarm 7 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16540	409C	float	2	Depends on parameter	Alarm 7 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16542	409E	uint	2	-	Alarm 8 Enable 0: Disable 1: Enable	1	R/W	0-1			✓		✓		✓	✓

16544	40A0	uint	2	-	Alarm 8 Parameters: 0: VLN 1: IL 2: P 3: Q 4: S 5: THD V 6: THD I	1	R/W	0-6			✓		✓		✓	✓
16546	40A2	uint	2	-	Alarm 8 Operant: 0: Greater 1: Smaller	1	R/W	0-1			✓		✓		✓	✓
16548	40A4	uint	2	s	Alarm 8 OnDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16550	40A6	uint	2	s	Alarm 8 OffDel 0 - 9999	1	R/W	0-9999			✓		✓		✓	✓
16552	40A8	float	2	%	Alarm 8 Hys	100	R/W	0.0-1.0			✓		✓		✓	✓
16554	40AA	float	2	Depends on parameter	Alarm 8 HVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16556	40AC	float	2	Depends on parameter	Alarm 8 LVal	1	R/W	Depends on parameter			✓		✓		✓	✓
16558	40AE	float	2	-	Smiley Mode	1	R/W	0-1			✓		✓		✓	✓
16560	40B0	float	2	-	Phase Configuration	1	R/W	0-11			✓		✓		✓	✓

CALENDER SETUPS

Supported Functions	Start Address	Register Counts
Read holding registers	16986	36
Write holding registers		
Write Multiple registers		

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multipli er	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
16986	425A	uint	2	second	Unix Time Date and Hour can be setted via this register as unix time	1	R/W				✓		✓		✓	✓
16988	425C	uint	2	DAY	DAY 1-31	1	R/W	1 - 31			✓		✓		✓	✓
16990	425E	uint	2	month	MONTH 1-12	1	R/W	1 - 12			✓		✓		✓	✓
16992	4260	uint	2	Yıl	YEAR 2000-2099	1	R/W	2000 - 2099			✓		✓		✓	✓
16994	4262	uint	2	hour	HOURL 0-23	1	R/W	0 - 23			✓		✓		✓	✓
16996	4264	uint	2	MINUTE	MINUTES 0-59	1	R/W	0 - 59			✓		✓		✓	✓
16998	4266	uint	2	Second	SECONDS 0-59	1	R/W	0 - 59			✓		✓		✓	✓
17000	4268	uint	2	DAY	0: SUNDAY 1: MONDAY 2: TUESDAY 3: WEDNESDAY 4: THURDAY 5: FRIDAY 6: SATURDAY	1	R	0 - 6			✓		✓		✓	✓

17002	426A	uint	2	-	Time Zone 0: 0000, 1: 0030 2: 0100, 3: 0130 4: 0200, 5: 0230 6: 0300, 7: 0330 8: 0400, 9: 0430 10: 0500, 11: 0530 12: 0600, 13: 0630 14: 0700, 15: 0730 16: 0800, 17: 0830 18: 0900, 19: 0930 20: 1000, 21: 1030 22: 1100, 23: 1130 24: 1200, 25: 1230 26: 1300, 27: 1330 28: 1400, 29: 1430 30: -1200, 31: -1130 32: -1100, 33: -1030 34: -1000, 35: -0930 36: -0900, 37: -0830 38: -0800, 39: -0730 40: -0700, 41: -0630 42: -0600, 43: -0530 44: -0500, 45: -0430 46: -0400, 47: -0330 48: -0300, 49: -0230 50: -0200, 51: -0130	1	R/W	0 - 53			✓		✓		✓	✓
17004	426C	uint	2	-	Daylight Saving 0: Off 1: Europe 2: USA 3: Custom	1	R/W	0 - 3			✓		✓		✓	✓
17006	426E	uint	2	Month	1: January 2: February 3: March 4: April 5: May 6: June 7: July 8: August 9: September 10: October 11: November 12: December	1	R/W	1 - 12			✓		✓		✓	✓

17008	4270	uint	2	Week	Start Week (Week of Month): 0: First 1: Second 2: Third 3: Fourth 4: Last	1	R/W	0 - 4			✓		✓		✓	✓
17010	4272	uint	2	Day	Start Day (Day of Week): 0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday	1	R/W	0 - 6			✓		✓		✓	✓
17012	4274	uint	2	Hour	Start Hour: 0 - 23	1	R/W	0 - 23			✓		✓		✓	✓
17014	4276	uint	2	Month	1: January 2: February 3: March 4: April 5: May 6: June 7: July 8: August 9: September 10: October 11: November 12: December	1	R/W	1 - 12			✓		✓		✓	✓
17016	4278	uint	2	Week	End Week (Week of Month): 0: First 1: Second 2: Third 3: Fourth 4: Last	1	R/W	0 - 4			✓		✓		✓	✓
17018	427A	uint	2	Day	End Day (Day of Week): 0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday	1	R/W	0 - 6			✓		✓		✓	✓
17020	427C	uint	2	Hour	End Hour: 0 - 23	1	R/W	0-23			✓		✓		✓	✓

Compensation Steps Setup

Supported Functions	Start Address	Register Counts
Read holding registers	17408	144
Write holding registers		
Write Multiple registers		

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
17408	4400	float	2	VAR	Step 1 Steps Value	1	R/W	0.0 - 999900.0			✓		✓		✓	✓
17410	4402	uint	2	-	Step 1 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0,4,5			✓		✓		✓	✓
17412	4404	uint	2	-	Step 1 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2			✓		✓		✓	✓
17414	4406	uint	2	-	Step 1 Contactor Switching Life Count	1	R/W	10 - 500000			✓		✓		✓	✓
17416	4408	uint	2	unix time	Step 1 Install Timestamp	1	R	unix time			✓		✓		✓	✓
17418	440A	uint	2	unix time	Step 1 Contactor Install Timestamp	1	R	unix time			✓		✓		✓	✓
17420	440C	float	2	VAR	Step 2 Steps Value	1	R/W	0.0 - 999900.0			✓		✓		✓	✓
17422	440E	uint	2	-	Step 2 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0 - 5			✓		✓		✓	✓

17424	4410	uint	2	-	Step 2 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2			✓		✓		✓	✓
17426	4412	uint	2	-	Step 2 Contactor Switching Life Count	1	R/W	10 - 500000			✓		✓		✓	✓
17428	4414	uint	2	unix time	Step 2 Install Timestamp	1	R	unix time			✓		✓		✓	✓
17430	4416	uint	2	unix time	Step 2 Contactor Install Timestamp	1	R	unix time			✓		✓		✓	✓
17432	4418	float	2	VAR	Step 3 Steps Value	1	R/W	0.0 - 999900 .0			✓		✓		✓	✓
17434	441A	uint	2	-	Step 3 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0 - 5			✓		✓		✓	✓
17436	441C	uint	2	-	Step 3 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2			✓		✓		✓	✓
17438	441E	uint	2	-	Step 3 Contactor Switching Life Count	1	R/W	10 - 500000			✓		✓		✓	✓
17440	4420	uint	2	unix time	Step 3 Install Timestamp	1	R	unix time			✓		✓		✓	✓
17442	4422	uint	2	unix time	Step 3 Contactor Install Timestamp	1	R	unix time			✓		✓		✓	✓
17444	4424	float	2	VAR	Step 4 Steps Value	1	R/W	0.0 - 999900 .0			✓		✓		✓	✓
17446	4426	uint	2	-	Step 4 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0 - 5			✓		✓		✓	✓
17448	4428	uint	2	-	Step 4 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2			✓		✓		✓	✓
17450	442A	uint	2	-	Step 4 Contactor Switching Life Count	1	R/W	10 - 500000			✓		✓		✓	✓

17452	442C	uint	2	unix time	Step 4 Install Timestamp	1	R	unix time			✓		✓		✓	✓
17454	442E	uint	2	unix time	Step 4 Contactor Install Timestamp	1	R	unix time			✓		✓		✓	✓
17456	4430	float	2	VAR	Step 5 Steps Value	1	R/W	0.0 - 999900 .0			✓		✓		✓	✓
17458	4432	uint	2	-	Step 5 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0 - 5			✓		✓		✓	✓
17460	4434	uint	2	-	Step 5 Type (Capacitor, Inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2			✓		✓		✓	✓
17462	4436	uint	2	-	Step 5 Contactor Switching Life Count	1	R/W	10 - 500000			✓		✓		✓	✓
17464	4438	uint	2	unix time	Step 5 Install Timestamp	1	R	unix time			✓		✓		✓	✓
17466	443A	uint	2	unix time	Step 5 Contactor Install Timestamp	1	R	unix time			✓		✓		✓	✓
17468	443C	float	2	VAR	Step 6 Steps Value	1	R/W	0.0 - 999900 .0			✓		✓		✓	✓
17470	443E	uint	2	-	Step 6 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0 - 5			✓		✓		✓	✓
17472	4440	uint	2	-	Step 6 Type (Capacitor, Inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2			✓		✓		✓	✓
17474	4442	uint	2	-	Step 6 Contactor Switching Life Count	1	R/W	10 - 500000			✓		✓		✓	✓
17476	4444	uint	2	unix time	Step 6 Install Timestamp	1	R	unix time			✓		✓		✓	✓
17478	4446	uint	2	unix time	Step 6 Contactor Install Timestamp	1	R	unix time			✓		✓		✓	✓
17480	4448	float	2	VAR	Step 7 Steps Value	1	R/W	0.0 - 999900 .0					✓		✓	✓

17482	444A	uint	2	-	Step 7 Connection Type (RST, On, Off) 0: OFF 4: RST 5: ON	1	R/W	0 - 5					✓		✓	✓
17484	444C	uint	2	-	Step 7 Type (Capacitor, Inductor, Thyristor, Entes Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2					✓		✓	✓
17486	444E	uint	2	-	Step 7 Contactor Switching Life Count	1	R/W	10 - 500000					✓		✓	✓
17488	4450	uint	2	unix time	Step 7 Install Timestamp	1	R	unix time					✓		✓	✓
17490	4452	uint	2	unix time	Step 7 Contactor Install Timestamp	1	R	unix time					✓		✓	✓
17492	4454	float	2	VAR	Step 8 Steps Value	1	R/W	0.0 - 999900 .0					✓		✓	✓
17494	4456	uint	2	-	Step 8 Connection Type (RST, On, Off) 0: OFF 4: RST 5: ON	1	R/W	0 - 5					✓		✓	✓
17496	4458	uint	2	-	Step 8 Type (Capacitor, Inductor, Thyristor, Entes Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2					✓		✓	✓
17498	445A	uint	2	-	Step 8 Contactor Switching Life Count	1	R/W	10 - 500000					✓		✓	✓
17500	445C	uint	2	unix time	Step 8 Install Timestamp	1	R	unix time					✓		✓	✓
17502	445E	uint	2	unix time	Step 8 Contactor Install Timestamp	1	R	unix time					✓		✓	✓
17504	4460	float	2	VAR	Step 9 Steps Value	1	R/W	0.0 - 999900 .0					✓		✓	✓
17506	4462	uint	2	-	Step 9 Connection Type (RST, On, Off) 0: OFF 4: RST 5: ON	1	R/W	0 - 5					✓		✓	✓

17508	4464	uint	2	-	Step 9 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2					✓		✓	✓
17510	4466	uint	2	-	Step 9 Contactor Switching Life Count	1	R/W	10 - 500000					✓		✓	✓
17512	4468	uint	2	unix time	Step 9 Install Timestamp	1	R	unix time					✓		✓	✓
17514	446A	uint	2	unix time	Step 9 Contactor Install Timestamp	1	R	unix time					✓		✓	✓
17516	446C	float	2	VAR	Step 10 Steps Value	1	R/W	0.0 - 999900 .0							✓	✓
17518	446E	uint	2	-	Step 10 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0 - 5							✓	✓
17520	4470	uint	2	-	Step 10 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2							✓	✓
17522	4472	uint	2	-	Step 10 Contactor Switching Life Count	1	R/W	10 - 500000							✓	✓
17524	4474	uint	2	unix time	Step 10 Install Timestamp	1	R	unix time							✓	✓
17526	4476	uint	2	unix time	Step 10 Contactor Install Timestamp	1	R	unix time							✓	✓
17528	4478	float	2	VAR	Step 11 Steps Value	1	R/W	0.0 - 999900 .0							✓	✓
17530	447A	uint	2	-	Step 11 Connection Type (RST, On, On) 0: OFF 4: RST 5: ON	1	R/W	0 - 5							✓	✓
17532	447C	uint	2	-	Step 11 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2							✓	✓
17534	447E	uint	2	-	Step 11 Contactor Switching Life Count	1	R/W	10 - 500000							✓	✓

17536	4480	uint	2	unix time	Step 11 Install Timestamp	1	R	unix time							✓	✓
17538	4482	uint	2	unix time	Step 11 Contactor Install Timestamp	1	R	unix time							✓	✓
17540	4484	float	2	VAR	Step 12 Steps Value	1	R/W	0.0 - 999900.0							✓	✓
17542	4486	uint	2	-	Step 12 Connection Type (RST, On, On)	1	R/W	0 - 5							✓	✓
					0: OFF											
					4: RST											
17544	4488	uint	2	-	5: ON	1	R/W	0 - 2							✓	✓
					Step 12 Type (Capacitor, Inductor, Thyristor, Lites											
					Thyristor)											
17546	448A	uint	2	-	0: Closed	1	R/W	10 - 500000							✓	✓
					1: Capacitor											
					2: Inductor											
17548	448C	uint	2	unix time	Step 12 Contactor Switching Life Count	1	R/W	10 - 500000							✓	✓
17548	448C	uint	2	unix time	Step 12 Install Timestamp	1	R	unix time							✓	✓
17550	448E	uint	2	unix time	Step 12 Contactor Install Timestamp	1	R	unix time							✓	✓
17552	4490	float	2	VAR	Step 13 Steps Value	1	R/W	0.0 - 999900.0								✓
					Step 13 Connection Type (RST, On, On)											
					0: OFF											
17554	4492	uint	2	-	4: RST	1	R/W	0 - 5								✓
					5: ON											
					Step 13 Type (Capacitor, Inductor, Thyristor, Lites											
17556	4494	uint	2	-	Thyristor)	1	R/W	0 - 2								✓
					0: Closed											
					1: Capacitor											
17558	4496	uint	2	-	2: Inductor	1	R/W	10 - 500000								✓
					Step 13 Contactor Switching Life Count											
					Step 13 Install Timestamp											
17560	4498	uint	2	unix time	Step 13 Contactor Install Timestamp	1	R	unix time								✓
17562	449A	uint	2	unix time	Step 14 Steps Value	1	R/W	0.0 - 999900.0								✓

17592	44B8	uint	2	-	Step 16 Type (Capacitor, inductor, Thyristor, Lites Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2									✓
17594	44BA	uint	2	-	Step 16 Contactor Switching Life Count	1	R/W	10 - 500000									✓
17596	44BC	uint	2	unix time	Step 16 Install Timestamp	1	R	unix time									✓
17598	44BE	uint	2	unix time	Step 16 Contactor Install Timestamp	1	R	unix time									✓

Compensation Setup

Supported Functions	Start Address	Register Counts
Read holding registers	17888	78
Write holding registers		
Write Multiple registers		

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
17888	45E0	uint	2		Stopping Program (Stopping, Stopping-2, Linear, 1.1.1.1, 1.2.2.2, 1.2.4.4, 1.2.4.8) 0: Manuel 1: Lineer 2: Kap. + Reaktor 3: Kap + Reaktor Birlikte	1	R/W	0 - 3			✓		✓		✓	✓
17890	45E2	uint	2		mode. 0: Standart 1: Eco 2: Aggressive	1	R/W	0 - 2			✓		✓		✓	✓
17892	45E4	uint	2		Reference Step	1	R/W	1 - 12			✓		✓		✓	✓

17894	45E6	uint	2		Multiple Phase Capacitor Steps On Time 1 - 1800	1	R/W	1 - 1800			✓		✓		✓	✓
17896	45E8	uint	2		Multiple Phase Capacitor Steps Off Time 1 - 1800	1	R/W	1 - 1800			✓		✓		✓	✓
17898	45EA	uint	2	ms	Switch on delay time between two steps 100-1000	1	R/W	100 - 200 - 300 - ... 1000			✓		✓		✓	✓
17900	45EC	uint	2		Comp ratio calculation period	1	R/W	0 - 240			✓		✓		✓	✓
17902	45EE	float	2		Maximum Switching Steps value for one iteration 10 - 500000000	1	R/W	0.1 -- 1.0			✓		✓		✓	✓
17904	45F0	float	2		Target CosFi Value 1 -1 - +1	1	R/W	-1.0 - +1.0			✓		✓		✓	✓
17906	45F2	float	2		Target CosFi Value for Generator -1 - +1	1	R/W	-1.0 - +1.0			✓		✓		✓	✓
17908	45F4	uint	2	-	N / A	0	R/W	-								
17910	45F6	float	2		Over Voltage Alarm Limit Value 0 - 525	1	R/W	0 - 525			✓		✓		✓	✓
17912	45F8	float	2	%	Over voltage Alarm Hysteresis value %0 - %1.00	100	R/W	0.0 - 1.00			✓		✓		✓	✓
17914	45FA	float	2	s	Over Voltage Delay Time	1	R/W	0.0 - 1000.0			✓		✓		✓	✓
17916	45FC	uint	2	-	Over voltage Alarm Steps Status (On or Off) 0: OFF 1: ON	1	R/W	0 - 1			✓		✓		✓	✓
17918	45FE	float	2	%	Over voltage THD Alarm Limit Value %2-%300	100	R/W	0.02 - 3.00			✓		✓		✓	✓
17920	4600	float	2	%	Over Voltage THD Alarm Hysteresis Value %0 - %100	100	R/W	0.00 - 1.00			✓		✓		✓	✓
17922	4602	float	2	s	Over voltage THD Delay Time 0 - 999.9	1	R/W	0 - 999.9			✓		✓		✓	✓
17924	4604	uint	2	-	Over voltage THD Alarm Steps Status (On or Off) 0: OFF 1: ON	1	R/W	0 - 1			✓		✓		✓	✓
17926	4606	float	2	%	Over Current THD Alarm Limit Value %2-%300	100	R/W	0.02 - 3.00			✓		✓		✓	✓
17928	4608	float	2	%	Over Current THD Alarm Hysteresis Value %0 - %100	100	R/W	0.00 - 1.00			✓		✓		✓	✓
17930	460A	float	2	s	Over Current THD Delay Time 0 - 999.9	1	R/W	0 - 999.9			✓		✓		✓	✓
17932	460C	uint	2	-	Over Current THD Alarm Steps Status (On or Off) 0: OFF 1: ON	1	R/W	0 - 1			✓		✓		✓	✓

17934	460E	float	2	%	Capacitor Values Decrease Ratio Warning Limit %1-- %100	100	R/W	0.01 - 1.00			✓		✓		✓	✓
17936	4610	float	2	%	Capacitor Values Decrease Ratio Alarm Limit %1-- %100	100	R/W	0.01 - 1.00			✓		✓		✓	✓
17938	4612	unit	1	-	Contactor Life Warning Limit (*10000) 0 - 9	1	R/W	0 - 9			✓		✓		✓	✓
17939	4613	unit	1	-	Contactor Life Alarm Limit (*10000) 0 - 9	1	R/W	0 - 9			✓		✓		✓	✓
17940	4614	float	2	%	Capacitive Ratio Alarm Threshold %-100 -- % - 1	100	R/W	-1.00 / - 0.01			✓		✓		✓	✓
17942	4616	float	2	%	Inductive Ratio Alarm Threshold %1 -- %100	100	R/W	+0.01 / +1.00			✓		✓		✓	✓
17944	4618	float	2		Santigrat Derece Temperature Fan On Limit 30 -- 70	1	R/W	30 - 70			✓		✓		✓	✓
17946	461A	float	2		Santigrat Derece Temperature Fan Off Limit 30 -- 70	1	R/W	30 - 70			✓		✓		✓	✓
17948	461C	float	2		Santigrat Derece Temperature Alarm On Limit 30 -- 70	1	R/W	30 - 70			✓		✓		✓	✓
17950	461E	float	2		Santigrat Derece Temperature Alarm Off Limit 30 -- 70	1	R/W	30 - 70			✓		✓		✓	✓
17952	4620	uint	2	-	Temperature Alarm Step Status: 0: Disable 1: Enable	1	R/W	0 - 1			✓		✓		✓	✓
17954	4622	uint	2	Second	Capacitor Discharge Time	1	R/W	1 - 1800			✓		✓		✓	✓
17956	4624	float	2	%	Inductive Ratio Warning Threshold	1	R/W	0.01 - 1.00			✓		✓		✓	✓
17958	4626	float	2	%	Capacitive Ratio Warning Threshold	1	R/W	-0.01 / - 1.00			✓		✓		✓	✓
17960	4628	uint	2	-	Fan Enable	1	R/W	0 - 1			✓		✓		✓	✓
17962	462A	uint	2	Yapımcı - Kontrol Et	Alarm Snooze Duration	1	R/W	0 - 3			✓		✓		✓	✓
17964	462C	uint	2	Yapımcı - Kontrol Et	Billing Date	1	R/W	1 - 31			✓		✓		✓	✓
17966	462E	uint	2		Generator Enable	0	R/W	0 - 1			✓		✓		✓	✓
17968	4630	uint	2		Generator Action	0	R/W	0 - 1			✓		✓		✓	✓

Device Identification

Supported Functions	Start Address	Register Counts
Read holding registers	60416	16

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-3	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S	RGI-16S
60416	EC00	ushort	1	-	Device ID	1	R				✓		✓		✓	✓
60417	EC01	ushort	1	-	Device ID && Versiyon No	1	R				✓		✓		✓	✓
60418	EC02	uint	2	-	Serial Number	1	R				✓		✓		✓	✓
60420	EC04	uint	2	-	Software Version	1	R				✓		✓		✓	✓
60422	EC06	uint	2	-	Hardware Version	1	R				✓		✓		✓	✓
60424	EC08	uint	2	-	Modbus Table Version	1	R				✓		✓		✓	✓
60426	EC0A	uint	2	-	Boot loader version	1	R				✓		✓		✓	✓
60428	EC0C	unix time	2	unix time	Fabrication Date	1	R				✓		✓		✓	✓
60430	EC0E	unix time	2	unix time	Calibration Date	1	R				✓		✓		✓	✓