

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-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
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 10 Cycle

Supported Functions	Start Address	Register Counts
Read holding registers	768	24

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
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-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
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	Multiplier	R/W	Range	RGI-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
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	Multiplier	R/W	Range	RGI-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
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-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
3072	0C00	float	2	%	Total Harmonic Distorsion V/L1	100	R				✓		✓		✓
3074	0C02	float	2	%	Total Harmonic Distorsion I/L1	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-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
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3212	OCBC	uint	2	-	R	✓	✓	✓
3214	OCBE	uint	2	-	R	✓	✓	✓
3216	OC90	uint	2	-	R	✓	✓	✓
3218	OC92	uint	2	-	R	✓	✓	✓
3220	OC94	uint	2	-	R	✓	✓	✓

10352	2870	float	2	-	Hour	Step 11 Step Connection Hour	1	R	-												✓	
10354	2872	uint	2	-	-	Step 11 Step Switching Count	1	R	-													✓
10356	2874	uint	2	-	Second	Step 11 Remaining discharge time counter	1	R	-													✓
10358	2876	uint	2	-	-	Step 11 Step Status (Enable Disable Armed vs.)	1	R	-													✓
10360	2878	ushort	1	-	-	Step 11 Defected Status	1	R	-													✓
10361	2879	float	2	-	VAr	Step 12 Actual Steps Value	1	R	-													✓
10363	2878	float	2	-	Hour	Step 12 Step Connection Hour	1	R	-													✓
10365	2870	uint	2	-	-	Step 12 Step Switching Count	1	R	-													✓
10367	2872	uint	2	-	Second	Step 12 Remaining discharge time counter	1	R	-													✓
10369	2881	uint	2	-	-	Step 12 Step Status (Enable Disable Armed vs.)	1	R	-													✓
10371	2883	ushort	1	-	-	Step 12 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-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
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	0 - 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	100.0 -- 1000000.0				✓		✓	✓
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	1	R/W	0 - 3				✓		✓	✓
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 0: Gui Password Enable	1	R/W	0-9999				✓		✓	✓
16420	4024	uint	2	-	1: Enable	1	R/W	0-1				✓		✓	✓
16422	4026	uint	2	-	Protocol Selection Modbus or JBUS	1	R/W	0-1				✓		✓	✓
16424	4028	uint	2	-	Modbus/JBUS Address	1	R/W	1-247				✓		✓	✓
16426	402A	uint	2	-	Baudrate: 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	-	Parity: 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 OffDel 0 - 9999	1	R/W	0-9999				✓		✓	✓
16440	4038	float	2	%	Alarm 2 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 Parameter: 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 Parameter: 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 OffDel 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 Parameter: 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 Parameter: 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 OffDel 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 Parameter: 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	Multiplier	R/W	Range	RGI-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
16986	425A	uint	2	second	Unix Time Date and Hour can be settled via this register as unix time	1	R/W				✓			✓	
16988	425C	uint	2	DAY	DAY 0-31	1	R/W	1 - 31			✓			✓	
16990	425E	uint	2	month	MONTH 1-12	1	R/W	1 - 12			✓			✓	
16992	4260	uint	2	Yr	YEAR 2000-2099	1	R/W	2000 - 2099			✓			✓	
16994	4262	uint	2	hour	HOUR 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 0: SUNDAY 1: MONDAY 2: TUESDAY 3: WEDNESDAY 4: THURSDAY 5: FRIDAY 6: SATURDAY	1	R/W	0 - 59			✓			✓	
17000	4268	uint	2	DAY	Time Zone -24 ~ +28	1	R	0 - 6			✓			✓	
17002	426A	uint	2	-	-	1	R/W	-24 ~ +28			✓			✓	

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 9 Contactor Install Timestamp	1	R	unix time												✓	✓
17492	4454	float	2	VAr	Step 9 Steps Value Step 9 Connection Type (RST, Off, On) 0: OFF 4: RST 5: ON	1	R/W	0.0 - 99990.0												✓	✓
17494	4456	uint	2	-	Step 8 Type (Capacitor, Inductor, Thyristor, Entes Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2												✓	✓
17496	4458	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 Step 9 Connection Type (RST, Off, On) 0: OFF 4: RST 5: ON	1	R/W	0.0 - 99990.0												✓	✓
17506	4462	uint	2	-	Step 9 Type (Capacitor, Inductor, Thyristor, Entes Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2												✓	✓
17508	4464	uint	2	-	Step 9 Contactor Switching Life Count	1	R/W	10 - 500000												✓	✓
17510	4466	uint	2	unix time	Step 9 Install Timestamp	1	R	unix time												✓	✓
17512	4468	uint	2	unix time	Step 9 Contactor Install Timestamp	1	R	unix time												✓	✓
17514	446A	float	2	VAr	Step 10 Steps Value Step 10 Connection Type (RST, Off, On) 0: OFF 4: RST 5: ON	1	R/W	0.0 - 99990.0												✓	✓
17516	446C	float	2	-	Step 10 Type (Capacitor, Inductor, Thyristor, Entes Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2												✓	✓
17518	446E	uint	2	-	Step 10 Contactor Switching Life Count	1	R/W	10 - 500000												✓	✓
17520	4470	uint	2	unix time	Step 10 Install Timestamp	1	R	unix time												✓	✓
17522	4472	uint	2	unix time	Step 10 Contactor Install Timestamp	1	R	unix time												✓	✓
17524	4474	uint	2	unix time	Step 11 Steps Value Step 11 Connection Type (RST, Off, On) 0: OFF 4: RST 5: ON	1	R/W	0.0 - 99990.0												✓	✓
17526	4476	uint	2	-	Step 11 Type (Capacitor, Inductor, Thyristor, Entes Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2												✓	✓
17528	4478	uint	2	-	Step 11 Contactor Switching Life Count	1	R/W	10 - 500000												✓	✓
17530	447A	uint	2	unix time	Step 11 Install Timestamp	1	R	unix time												✓	✓
17532	447C	uint	2	unix time	Step 11 Contactor Install Timestamp	1	R	unix time												✓	✓
17534	447E	float	2	VAr	Step 12 Steps Value Step 12 Connection Type (RST, Off, On) 0: OFF 4: RST 5: ON	1	R/W	0.0 - 99990.0												✓	✓
17536	4480	uint	2	-	Step 12 Type (Capacitor, Inductor, Thyristor, Entes Thyristor) 0: Closed 1: Capacitor 2: Inductor	1	R/W	0 - 2												✓	✓
17538	4482	uint	2	-	Step 12 Contactor Switching Life Count	1	R/W	10 - 500000												✓	✓
17540	4484	uint	2	unix time	Step 12 Install Timestamp	1	R	unix time												✓	✓
17542	4486	uint	2	unix time	Step 12 Contactor Install Timestamp	1	R	unix time												✓	✓

Compensation Setup

Supported Functions	Start Address	Register Counts
Read holding registers	17888	80
Write holding registers		
Write Multiple registers		

Address (Dec)	Address (Hex)	Format	Words count	Birim	Description	Multiplier	R/W	Range	RGI-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
17888	45E0	uint	2		Stepping Program (Otomatik, Otomatik LC, Lineer, 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 - 1000				✓			✓
17900	45EC	uint	2		Comp ratio calculation period 0 - 240	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 - 400	1	R/W	0 - 400				✓			✓
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 0 - 1000.0	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-%100	100	R/W	0.02 - 1.00				✓			✓
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-%100	100	R/W	0.02 - 1.00				✓			✓
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	float	2	-	Contactor Life Warning Limit 0.1 - 1.0	1	R/W	0.1 - 1.0				✓			✓
17940	4614	float	2	-	Contactor Life Alarm Limit 0.1 - 1.0	1	R/W	0.1 - 1.0				✓			✓
17942	4616	float	2	%	Capacitive Ratio Alarm Threshold %-100 - % -1	100	R/W	-1.00 - -0.01				✓			✓
17944	4618	float	2	%	Inductive Ratio Alarm Threshold %1 - %100	100	R/W	+0.01 / +1.00				✓			✓
17946	461A	float	2	Santigrat Derece	Temperature Fan On Limit 30 - 70	1	R/W	30 - 70				✓			✓
17948	461C	float	2	Santigrat Derece	Temperature Fan Off Limit 30 - 70	1	R/W	30 - 70				✓			✓
17950	461E	float	2	Santigrat Derece	Temperature Alarm On Limit 30 - 70	1	R/W	30 - 70				✓			✓

17952	4620	float	2	Santigrat Derece	Temperature Alarm Off Limit 30 - 70	1	R/W	30 - 70			✓		✓		✓
17954	4622	uint	2	-	Temperature Alarm Step Status: 0: Disable 1: Enable	1	R/W	0 - 1			✓		✓		✓
17956	4624	uint	2	Second	Capacitor Discharge Time	1	R/W	1 - 1800			✓		✓		✓
17958	4626	float	2	%	Inductive Ratio Warning Threshold	1	R/W	0.01 - 1.00			✓		✓		✓
17960	4628	float	2	%	Capacitive Ratio Warning Threshold	1	R/W	-0.01 / -1.00			✓		✓		✓
17962	462A	uint	2	-	Fan Enable	1	R/W	0 - 1			✓		✓		✓
17964	462C	uint	2	Yapildi - Kontrol Et	Alarm Snooze Duration	1	R/W	0 - 3			✓		✓		✓
17966	462E	uint	2	Yapildi - Kontrol Et	Billing Date	1	R/W	1 - 31			✓		✓		✓
17968	4630	uint	2	-	Generator Enable	0	R/W	0 - 1			✓		✓		✓
17970	4632	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	Bitm	Description	Multiplier	R/W	Range	RGI-4	RGI-6	RGI-6S	RGI-9	RGI-9S	RGI-12	RGI-12S
60416	EC00	ushort	1	-	Device ID	1	R				✓		✓		✓
60417	EC01	ushort	1	-	Device ID && Version 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				✓		✓		✓