

RS485 Modbus Register

Diese Aufstellung betrifft nur die Input- Register, eine genau Anleitung sowie Funktionsweise der RS485 Schnittstelle entnehmen Sie bitte auf der Downloadseite von „bg-etech.de“ im Bereich Modbus-Protocol“.

Address (Register)	Parameter Number	SDM630Modbus Parameter		Modbus Protocol Start Address Hex	
		Beschreibung	Einheit	Hi Byte	Lo Byte
30001	1	Phase 1 line to neutral volts.	Volts	00	00
30003	2	Phase 2 line to neutral volts.	Volts	00	02
30005	3	Phase 3 line to neutral volts.	Volts	00	04
30007	4	Phase 1 current.	Amps	00	06
30009	5	Phase 2 current.	Amps	00	08
30011	6	Phase 3 current.	Amps	00	0A
30013	7	Phase 1 power.	Watts	00	0C
30015	8	Phase 2 power.	Watts	00	0E
30017	9	Phase 3 power.	Watts	00	10
30019	10	Phase 1 volt amps.	VA	00	12
30021	11	Phase 2 volt amps.	VA	00	14
30023	12	Phase 3 volt amps.	VA	00	16
30025	13	Phase 1 volt amps reactive.	VAr	00	18
30027	14	Phase 2 volt amps reactive.	VAr	00	1A
30029	15	Phase 3 volt amps reactive.	VAr	00	1C
30031	16	Phase 1 power factor (1).	None	00	1E
30033	17	Phase 2 power factor (1).	None	00	20
30035	18	Phase 3 power factor (1).	None	00	22

30037	19	Phase 1 phase angle.	Degrees	00	24
30039	20	Phase 2 phase angle.	Degrees	00	26
30041	21	Phase 3 phase angle.	Degrees	00	28
30043	22	Average line to neutral volts.	Volts	00	2A
30047	24	Average line current.	Amps	00	2E
30049	25	Sum of line currents.	Amps	00	30
30053	27	Total system power.	Watts	00	34
30057	29	Total system volt amps.	VA	00	38
30061	31	Total system VAR.	VAr	00	3C
30063	32	Total system power factor (1).	None	00	3E
30067	34	Total system phase angle.	Degrees	00	42
30071	36	Frequency of supply voltages.	Hz	00	46
30073	37	Import Wh since last reset (2).	kWh/MWh	00	48
30075	38	Export Wh since last reset (2).	kWh/MWh	00	4A
30077	39	Import VARh since last reset (2).	kVARh/MVARh	00	4C
30079	40	Export VARh since last reset (2).	kVARh/MVARh	00	4E
30081	41	VAh since last reset (2).	kVAh/MVAh	00	50
30083	42	Ah since last reset(3).	Ah/kAh	00	52
30085	43	Total system power demand (4).	W	00	54
30087	44	Maximum total system power demand(4).	VA	00	56
30101	51	Total system VA demand.	VA	00	64

30103	52	Maximum total system VA demand.	VA	00	66
30105	53	Neutral current demand.	Amps	00	68
30107	54	Maximum neutral current demand.	Amps	00	6A
30201	101	Line 1 to Line 2 volts.	Volts	00	C8
30203	102	Line 2 to Line 3 volts.	Volts	00	CA
30205	103	Line 3 to Line 1 volts.	Volts	00	CC
30207	104	Average line to line volts.	Volts	00	CE
30225	113	Neutral current.	Amps	00	E0
30235	118	Phase 1 L/N volts THD	%	00	EA
30237	119	Phase 2 L/N volts THD	%	00	EC
30239	120	Phase 3 L/N volts THD	%	00	EE
30241	121	Phase 1 Current THD	%	00	F0
30243	122	Phase 2 Current THD	%	00	F2
30245	123	Phase 3 Current THD	%	00	F4
30249	125	Average line to neutral volts THD.	%	00	F8
30251	126	Average line current THD.	%	00	FA
30255	128	Total system power factor (5).	Degree	00	FE
30259	130	Phase 1 current demand.	Amps	01	02
30261	131	Phase 2 current demand.	Amps	01	04
30263	132	Phase 3 current demand.	Amps	01	06
30265	133	Maximum phase 1 current demand.	Amps	01	08
30267	134	Maximum phase 2 current demand.	Amps	01	0A
30269	135	Maximum phase 3 current demand.	Amps	01	0C

30335	168	Line 1 to line 2 volts THD.	%	01	4E
30337	169	Line 2 to line 3 volts THD.	%	01	50
30339	170	Line 3 to line 1 volts THD.	%	01	52
30341	171	Average line to line volts THD.	%	01	54
30343	172	Total kwh	kwh	01	56
30345	173	Total kvarh	kvarh	01	58
30347	174	L1 import kwh	kwh	01	5a
30349	175	L2 import kwh	kwh	01	5c
30351	176	L3 import kWh	kwh	01	5e
30353	177	L1 export kWh	kwh	01	60
30355	178	L2 export kwh	kwh	01	62
30357	179	L3 export kWh	kwh	01	64
30359	180	L1 total kwh	kwh	01	66
30361	181	L2 total kWh	kwh	01	68
30363	182	L3 total kwh	kwh	01	6a
30365	183	L1 import kvarh	kvarh	01	6c
30367	184	L2 import kvarh	kvarh	01	6e
30369	185	L3 import kvarh	kvarh	01	70
30371	186	L1 export kvarh	kvarh	01	72
30373	187	L2 export kvarh	kvarh	01	74
30375	188	L3 export kvarh	kvarh	01	76
30377	189	L1 total kvarh	kvarh	01	78
30379	190	L2 total kvarh	kvarh	01	7a
30381	191	L3 total kvarh	kvarh	01	7c

Für Ihre Notizen: