1 0xi 21 0xi 41 0xi 61 0x0 81 0xi 101 0xi 122 0xi 123 0xi 125 0xi 127 0xi 129 0xi 131 0xi	Mod	Read holding re	Write single co	Write multiple r	Description	Access	Data type	Data length in bytes	Number of registers	Data	Example	Profibus slot / Profinet subslot	Д	
127 0x0 129 0x0 131 0x0	x0000 x0001 x00015 x0029 x003D x0051 x0065 x0079	x x x x x x x x x x x			evice class bevice type fanufacturer fanufacturer address fanufacturer ZP code fanufacturer Phone number fanufacturer website fominal outage fominal current	R R R R R R	uint(16 cha cha cha cha cha cha cha cha floa	r 40 r 40 r 40 r 40 r 40 r 40 r 40	20 20 20 20 20 20 20	ASCII ASCII ASCII ASCII ASCII ASCII ASCII ASCII ASCII Floating point number IEEE754 Floating point number IEEE754	86 = PSB 10000 Series PSB 10080-1000 80 1000	1 1 1 1 1 1 1 1 1	4 5 6 7	1 2 3 4
171 0x0 191 0x0	007D 007F 0007F 00081 00083 00097 000AB 000BF	x x x x x x x x		x L	ioninal power fax Hemal resistance fin. Internal resistance fiticle no. ferial no. feria	R R R R R RW	floa floa floa cha cha cha cha	t 4 r 40 r 40 r 40 r 40	2 20 20 20 20	Floating point number EEE754 Floating point number EEE754 Floating point number EEE754 ASCII ASCII ASCII ASCII ASCII	30000 5 5 0.003 30000801 1234560001	1 1 1 1 1 1 1 1 1	9 10 11 12 13 14 15	12 13 14
402 0x0 405 0x0 407 0x0 408 0x0 409 0x0 410 0x0	x0192 x x0195 x x0197 x x0198 x x0199 x	x	x x x x x x x	G G	irmware version (DR) temote mode Coutpul/input Condition of DC outpul/input after power fall alarm condition of DC outpul/input after powering the device peration mode (UPAUR) setant of the device (warm start)	RW RW RW RW W	uint(16 uint(16 uint(16 uint(16 uint(16) 2) 2) 2) 2) 2	1 1 1 1 1	ASCII Coli : Remote Coli : Joupulinput Coli : Auto-On Reg : Power-On Coli : Operation mode Coli : Restart	0x0000 = off; 0xFF00 = on 0x0000 = off; 0xFF00 = on 0x0000 = off; 0xFFF0 = auto 0xFFFF = off; 0xFFFE = restore 0x0000 = u(P); 0xFF00 = U(R) 0xFF00 = oxecute	2 2 3 2 2 2	-	1 4 80 6 7
416 0x0 417 0x0 418 0x0 425 0x0 432 0x0	019B 01A0 x 01A1 x 01A2 01A9 x 01B0 x		x x x x x x	, ,	cknowledge alarms indepindence Reference voltage (pin VREF) uralog interface: REM-SB level uralog interface: REM-SB action condition of Dc output/input after leaving remote leased device to factory settings uralog interface: Pin 14 configuration	RW RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16) 2) 2) 2) 2	1 1 1	Coll : Alams Coll : YMEE Coll : REM-SB Level Coll : REM-SB Action Coll : Condition Coll : Condition Alams 1	0xF00 = acknowledge 0x000 = 10V. 0xF00 = 5V 0x0000 = normal; 0xFF00 = tv 0x0000 = normal; 0xFF00 = auk0 0x0000 = off; 0xFF00 = unknaged 0xF000 = off; 0xFF00 = unknaged 0xF000 = 0xF00 = trigger reset 0x0000 = 0VP (default); 0x0001 = 0xF0.	2 2 2 2 2 2 2	36 37 42	36 37 12
	01B9 01BA	x	x		unalog interface: Pin 6 configuration unalog interface: Pin 15 configuration	RW	uint(16) 2	1	Alarms 2 Status DC / reg. mode	0x002 = OPP; 0x003 = OVP + OCP; 0x004 = OVP + OPP; 0x006 = OCP + OPP; 0x006 = OVP + OCP - OPP 0x006 = OVP + FC (deutl); 0x001 = OT; 0x002 = PF 0x000 = CV; 0x001 = OV; 0x001 = OV; 0x001 = OV; 0x001 = OV; 0x001 = OV;	2	45	
443 0x0	01BB	x	x		unalog interface: Pins 9 and 10 configuration	RW	uint(16) 2	1	Current and voltage monitor	0x000 = Default (VMCN on pin 9 and CMCN on Pin 10 / Pin 10 signals current from source or sin(k); 0x0001 = Pin 10 (CMCN) only signals sink current (EL); 0x0002 = Pin 10 (CMCN) only signals source current (PS); 0x0003 = Current mode A [source current (PS) on pin 9 and sink current (EL) on pin 10 (Idl range)]; 0x0004 = Current mode B [source current (PS) on pin 10 and sink current (EL) on pin 9 (Idl range)]; 0x0004 = Current mode B [source current (PS) on pin 10 and sink current (EL) on pin 9 (Idl range)];		50	0
499 0x0 500 0x0 501 0x0 502 0x0	01F2 01F3 01F4 01F5 01F6	x x x x x	x x x x		sink mode: Set power value ink mode: Set current value et voltage value ource mode: Set current value ource mode: Set power value ource mode: Set power value ource mode: Set resistance value	RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16		1 1 1 1 1	0x0000 - 0xD0E5 (0 - 102%) variable - 0xD0E5 (x - 102%)	half range signal Power value (for translation see programming guide) Current value (for translation see programming guide) Voltage value (for translation see programming guide) Current value (for translation see programming guide) Power value (for translation see programming guide) Resistance value (for translation see programming guide)	2 2 2 2 2	21 20 23 24 25 26	20 23 24
504 0x0	x01F8	x	x		sink mode: Set resistance value	RW	uint(16 uint(32		1	The minimum percent value needs to be calculated from the rating, see technical specs variable - 0x00E5 (x - 102%) The minimum percent value needs to be calculated from the rating, see technical specs Bit 0 - 4: Control location	Resistance value (for translation see programming guide) 0x00 = free; 0x01 = locat 0x03 = USB: 0x04 = analog; 0x05 = Profibus; 0x06 = Ethernet; 0x08 = Master/Slave; 0x09 = RS232; 0x10 = CANopen; 0x12 = Modbus; TCP 1: 0x13 = Profinet 1:P; 0x14 = Ethernet 1P; 0x15 = Ethernet; 2P; 0x16 = Modbus TCP 2P; 0x15 = Ethernet; 0x16 = Modbus TCP 2P; 0x16 = CBPs; 0x16 = Ethernet; 0x17 = Profiles; 0x16 = CBPs; 0x19 = CAN; 0x14 = EtherCAT	2	22	
										Bit 6 : Master-slave type Bit 7 : Output state Bit 9-10 : Regulation mode Bit 11 : Remote Bit 12 : PSB/PSBE operation mode Bit 13 : Function generator Bit 13 : Function generator	0x17 = Printinel 2P; 0x18 = GPB; 0x19 = CAN; 0x1A = EtherCAT 0 = 0ff; 1 = on 00 = CV; 01 = CR; 10 = CC; 11 = CP 0 = off; 1 = on 0 = source; 1 = sink 0 = storped; 1 = running 0 = off; 1 = on			
										Bit 15 : Alaims Bit 16 : OVP Bit 18 : OCP Bit 18 : OPP Bit 19 : OT Bit 21-23: Power fail Bit 24 : UVD Bit 25 : OVD	0 = none; 1 = active			
	01FB	x			uctual voltage	R	uint(16	/	1	Bit 26 : UCD Bit 27 : OCD Bit 29 : OPD Bit 29 : MSP Bit 30 : REM-SB Bit 31 : OCP/OPP-OCD/OPD cause 0x0000 - 0xFFFF (0 - 125%)	0 = none; 1 = active 0 = none; 1 = active 0 = none; 1 = active 0 = OK; 1 = Master-slave protection 0 = OK = nabled; 1 = REM-SB disables power output 0 = OC = nabled; 1 = REM-SB disables power output 0 = source mode; 1 = sirK mode Actual voltage (for translation see programming guide)	2 2		
509 0x0 511 0x0 520 0x0 521 0x0 522 0x0	01FD 01FF ×0208 ×0209 ×020A	x x x x x x			cutal current cutal power evice state 2 Count of OV alarms since power up ource mode: Count of OC alarms since power up ource mode: Count of OP alarms since power up	R R R	uint(16 uint(32 uint(32 uint(16 uint(16 uint(16) 2) 4) 2) 2) 2	1	0x0000 - 0xFFFF (0 - 125%) 0x0000 - 0xFFFF (0 - 125%) Bit 0 : reserved Bit 1 : SF alarm 0x0000 - 0xFFFF 0x0000 - 0xFFFF 0x0000 - 0xFFFF	Actual current (for translation see programming guide) Actual power (for translation see programming guide) 0 = none; 1 = active	2 2 3 3 3 3	20 21 22	20
524 0x0 525 0x0 526 0x0 527 0x0 550 0x0 553 0x0	020B 020C 020D 020E 020F 020F 020F	x x x x x x x x	x		Jount of OT alarms since power up Jount of PT alarms since power up Jount of PE alarms since power up Jount of OP alarms since power up Jount of OP alarms since power up Jount of SF alarms since power up Jount	R R R R R R R R R R R R R R R R R R R	uint(16) 2	1	0x0000 - 0xFFFF 0x0000 - 0xE147 (0 - 110%) 0x0000 - 0xE147 (1 - 110%)	OVP threshold (for translation see programming guide) OCP threshold (for translation see programming guide)	3 3 3 3 3	25 26 27 0	24 25 26 27 0
559 0x0 560 0x0 561 0x0 562 0x0 563 0x0 564 0x0	x022C x022F x0230 x0231 x0232 x0233 x0234 x0235	x x x x x x	x x x x x x		iource mode: Overpower protection threshold (OPP) iource mode: Adjustable UVD notification iource mode: Adjustable UVD notification iource mode: Overvoltage detection (OVD) iource mode: Overvoltage detection (OVD) iource mode: Adjustable VVD notification iource mode: Overcurrent detection (OCD)	RW RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16) 2) 2) 2	1 1 1 1 1 1 1 1 1	0x0000 - 0xE147 (0 - 110%) 0x0000 - 0xD0E5 (0 - 102%) Adjustable UVD notification 0x0000 - 0xD0E5 (0 - 102%) Adjustable OVD notification 0x0000 - 0xD0E5 (0 - 102%) Adjustable UVD notification 0x0000 - 0xD0E5 (0 - 102%) Adjustable UVD notification 0x0000 - 0xD0E5 (0 - 102%)	OPP threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm 0x0 threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm 0x0001 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm 0x0001 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm 0x0001 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm	3 3 3 3 3 3 3	9 10 11	12 13
567 0x0 568 0x0 569 0x0 570 0x0 571 0x0 572 0x0	x0236 x0237 x0238 x0239 x023A x023B x023C	x x x x x	x x x x x		iource mode: Adjustable OCD notification fource mode: Overpower detection (OPD) ource mode: Adjustable OPD notification ink mode: Overpower protection threshold OCP ink mode: Overpower protection threshold OPP ink mode: Undercurrent detection threshold OPP ink mode: Undercurrent detection UCD ink mode: Adjustable UCD notification ink mode: Adjustable UCD notification ink mode: Overpower detection OCD	RW RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16) 2) 2) 2) 2) 2	1 1 1	Adjustable OCD notification 0x0000 - 0x0DE5 (0 - 102%) Adjustable OPD notification 0x0000 - 0xE147 (0 - 110%) 0x0000 - 0xE147 (0 - 110%) 0x0000 - 0xDE5 (0 - 102%) Adjustable UCD notification 0x0000 - 0xDE5 (0 - 102%)	0x000 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm OPD threshold (for translation see programming guide) 0x000 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm OCP threshold (for translation see programming guide) UCD threshold (for translation see programming guide) UCD threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signat; 0x0002 = warring; 0x0003 = alarm CCD threshold (for translation see)	3 3 3 3 3 3 3	17 18 4 7 31	7 31 32
574 0x0 575 0x0 576 0x0 577 0x0 650 0x0 653 0x0	x023E x023F x0240 x0241 x028A x x028D x	x x x	x x x x		ink mode: Adjustable OCD notification ink mode: Overpower detection OPD ink mode: Overpower detection OPD condition of DC outpublinput after OT alarm faster-slave: Link mode on MS bus faster-slave: Erable MS	RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16) 2) 2) 2) 2	1 1 1	Adjustable OCD notification 0x0000 - 0xD0E5 (0 - 102%) Adjustable OPD notification Reg: Condition Coil: Mode Coil: Mod on/off	0x0000 = nothing; 0x0001 = signal; 0x0002 = warring; 0x0003 = alarm OPD threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signal; 0x0002 = warring; 0x00003 = alarm 0x0000 = off; 0x0001 = restore (default) 0x0000 = off; 0x0001 = master 0x0000 = off; 0x0001 = for		34 35 36 37	34 35 36 37 0
656 0x0 656 0x0 658 0x0 660 0x0	x028E x028F x0290 x0292 x0294 x0296	x x x	x	1	laster-slave: Prit MS laster-slave: Condition faster-slave: Total voltage in V laster-slave: Total voltage in IV faster-slave: Total power in IA faster-slave: Total power in IW faster-slave: Total power in IW	R R	uint(16 uint(16 floa floa uint(16) 2) 2 it 4 it 4		Coll: MS start init Reg: MS status Floating point number IEEE754 Floating point number IEEE754 Floating point number IEEE754	0xF00 = Start int 0x000 = not intialised; 0x0001 = init running; 0x0003 = set defaults; 0x0004 = setup inerface; 0x0005 = assignment; 0xFFFC = disrupted; 0xFFFD = different models detected, init not OK; 0xFFFE = error; 0xFFFF = init OK 80 5000 1500000 1500000	4 4 4	5	8
850 0x0 851 0x0 852 0x0	x029A x x029B x x0352 x x0353 x x0354 x x0358 x		x x x x x	F	ussers-save, various of insulance saves faster-slave. Bus brias faster-slave. Bus bias function generator Arbitrary, Start/stop function generator Arbitrary, Select U function generator Arbitrary, Select U function generator Arbitrary, Select U function generator XYX Select mode	RW RW RW RW RW	uint(16) 2	1 1	Coil : Termination Coil : BIAS Coil : Start/Stop Coil : U Coil : I Reg: Mode	105 0x0000 = off; 0xFF00 = on 0x0000 = off; 0xFF00 = on 0x0000 = off; 0xFF00 = Start 0x0000 = stop; 0xFF00 = Start 0x0000 = not assigned; 0xFF00 = Assign function to voltage 0x0000 = not assigned; 0xFF00 = Assign function to current 0x0000 = deactivated 0x0001 = ul Source flable 1 from 2600)	4 4 5 5 5	10 11 0 1 1 2	0 1 2
860 0x0	035B 035C	x x	×		urction generator Arbitrary. Start sequence urction generator Arbitrary. End sequence urction generator Arbitrary. Sequence cycles	RW RW	uint(16 uint(16 uint(16) 2	1 1	0x00010x0063 0x00010x0063 0x00010x0087	00001 = U Source (table 1 infon 2000) 00002 = U Sirk (Table 2 from 40980) 00003 = U (both tables) 00004 = Fuel cell (Table 1 from 2600) 00005 = PV A (Table 1 from 2600) 00005 = PV B (Table 2 from 40980)	5 5	_	0
	035E	×	×		unction generator Arbitrary: Submit settings (only required for CAN, CANopen, EtherCAT CoE) unction generator Arbitrary: Setup for sequence 1	RW	uint(16	t 32	16	Coil : Submit Arbitrary Bytes 0-3: Us/ts(AC) in V or A Bytes 4-7: Us/ts(AC) in V or A Bytes 8-11: fill // In it z Bytes 12-15: fe(1/T) in it z	Operior - Submit settings Finaling point number in EEE754 format, see device manual for value range, chapter about function generator integer in EEE754 format: 010000 Hz https://discourses.org/	6	0	0
↓ ↓ 2468 0x03	↓ ↓ 035D	×	1 1	↓ × F	i unction generator/Arbitrary: Setup for sequence 99	↓ RW	floa	↓ ↓ it 32	16	Bytes 16-19- Angle in degrees Bytes 20-23: Us/fs(DC) in V or A Bytes 28-27: Us/fs(DC) in V or A Bytes 28-31: Sequence time in µs ↓ Bytes 0-3: Us/fs(AC) in V or A Bytes 0-3: Us/fs(AC) in V or A Bytes 8-17: Us/fs(T) in Hz Bytes 8-11: Es(1/T) in Hz	Integer in EEE754 format: 0359° Floating point rumber in EEE754 format, see device manual for value range, chapter about function generator Floating point rumber in EEE754 format 100 μs36,000,000,000 μs 1 Floating point rumber in EEE754 format 100 μs36,000,000,000 μs 1 Floating point rumber in EEE754 format, see device manual for value range, chapter about function generator Integer in EEE754 format: 010000 Hz	↓ 6	↓ 98	↓ 18
2600 0x0	:0A28	×		× F	runction generator XY: Table 1 (PS), block 0	RW	uint(16) 32	16	Bytes 12-15: fe(17) in Hz Bytes 16-19: Angle in degrees Bytes 20-23: Usifs(DC) in V or A Bytes 24-27: Usifs(DC) in V or A Bytes 24-27: Usifs(DC) in V or A Bytes 24-37: Sequence time in µs U mode: set current value for source mode (PS) (16 values block)	ranger in EEE734 format: 0"399" Floating point rumber in EEE734 format, see device manual for value range, chapter about function generator Floating point rumber in EEE734 format: 100 µs36,000,000,000 µs value = real set value of current *0.8 / Inom * 32768	7		0
9000 0x2 9001 0x2 9002 0x2 9003 0x2	x2328 x2329 x232A x232B x232C	x x x x x x	X X X X X X X X X X	L	unction generator XY: Table 1 (PS), block 255 Ipper limit of voltage set value (U-max) ower limit of voltage set value (U-min) ource mode: Upper limit of current set value (I-min) ource mode: Lower limit of current set value (I-min) ource mode: Lower limit of current set value (I-min)	RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16) 2	16 11 11 11	U mode: set current value for source mode (PS) (16 values block) 0x0000 - 0xD0E5 (0 - 102%)	value = real set value of current * 0.8 / Irom * 32768 Voltage value (for translation see programming guide) Voltage value (for translation see programming guide) Current value for translation see programming guide) Current value (for translation see programming guide) Current value (for translation see programming guide)	2	33	31 32 33
9005 0x2 9006 0x2 9007 0x2	232E 232E 232F 232F	x x x	x x		outree mode: Upper limit of power set value ("-max) ink mode: Upper limit of power set value (R-max) ource mode: Upper limit of resistance set value (R-max) ink mode: Upper limit of resistance set value (R-max) ink mode: Upper limit of resistance set value (R-max)	RW RW RW	uint(16 uint(16 uint(16 uint(16) 2 2) 2	1 1 1	Dococo - OxDDES (0 - 102%) Dococo - OxDDES (0 - 102%) variable - OxDDES (x - 102%) that bis - OxDDES (x - 102%) the railing, see technical specs variable - OxDDES (x - 102%) The minimum percent value needs to be calculated from the railing, see technical specs variable - OxDDES (x - 102%) The minimum percent value needs to be calculated from the railing, see technical specs 0x0000 - 0xDDES (0 - 102%)	Power value (for translation see programming guide) Resistance value (for translation see programming guide) Resistance value (for translation see programming guide) Current value (for translation see programming guide)	2 2 2	36 37 39	36 37 39
10007 0x2 10008 0x2 10010 0x2 10011 0x2 10012 0x2 10013 0x2	x2717 x x2718 x 271A x 271A x 271B x 271C x 271D x		X X X X X	E E	link mode: Lower limit of current set value (I-min) Ethermet: TCP keep-alive timeout Ethermet: TPP forter/Modbus TCP: DHCP Totooch Modbus Totooch Modbus Totooch SCPI sestant interface card dodous specification compliance	RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16		1	Ox0000 - 0xD0E5 (0 - 102%) Coli: DHCP on/off Coli: DHCP on/off Coli: SCP1on/off Coli: SCP1on/off Coli: GCBUS COli: GCB	Current value (for translation see programming guide) 0x0000 = off; 0xFF00 = on 0xF00 = Tigger restart 0x0000 = Limited (default); 0xFF00 = Full	2	41	1
10020 0x2	2724	×			ny§us module: Type	R	uint(16) 2	1	Reg: Type	0x005 = Profibus 0x000 = R\$232 0x0010 = CANopen 0x0011 = Dexicent 0x0012 = Modbus-TCP 1P 0x0013 = Profinet 1P 0x0014 = Ebremet 1P 0x0014 = Ebremet 1P 0x0015 = Modbus-TCP 2P			
10043 0x2 10251 0x2	2725 2739 273B 280B	x x x	×	,	unyBua module: Interface type unyBua module: Version rumber unyBua module: Serial rumber troBlus: Blent number troBlus: Blent number troBlus: Blent number	R R R RW	cha uint(8 uint(32 uint(16 uint(16) 4	20 2 2 1	ASCII	0.0017 = Profinet 2P 0.0019 = CAN 0.0019 = CAN 0.0019 = CAN 0.0001F = no ar urknown module plugged Profitous DPV1* 0.0001F Profitous DPV1* 0.0001 0.0001	8 8	0	0
10253 0x2 10269 0x2 10280 0x2 10300 0x2 10354 0x2 10502 0x2	280D 281D 2828 283C 2872 2906 2908	x x x x x x		x F x F x F x F x F x F x F x F x F x F	Trollbus/Profinet User-defineable "Function tag" rollbus/Profinet User-defineable "Location tag" rollbus/Profinet User-defineable installation date rollbus/Profinet User-defineable installation date rollbus/Profinet User-defineable description rollfier User-defineable description rollfier User-defineable "Station name" **ThemeNModbus TCP: P address **BerneNModbus TCP: Store tmask BerneNModbus TCP: Store tmask BerneNModbus TCP: Store tmask	RW RW RW RW RW	cha cha cha cha cha uint(8	r 32 r 22 r 40 r 54	11 20 27 100 2	ASCII ASCII ASCII ASCII BSCII BSytes 0-3: 0.255 Bytes 0-3: 0.255	"Test" "13.01 2012 09.59.00" "www.webpage.de" "Test" "192.180.02 (default) 255.255.255.0 (default)	8 8 8	3 4 5	3 4 5
10508 0x2 10535 0x2 10562 0x2 10564 0x2 10566 0x2 10567 0x2	290A 290C 2927 2942 2944 2946 2947	x x x x x x	x	x E x E	ThemerModius TCP: Gareway ThemerModius TCP: Host name ThemerModius TCP: Host name ThemerModius TCP: Domain name ThemerModius TCP: DNS 1 ThemerModius TCP: DNS 2 S232USB: Connection timeout in milliseconds ThemerModius TCP: Connection speed Port 1 (1 & 2 port modules)	RW RW RW RW RW RW	uint(8 cha cha uint(8 uint(16 uint(16 uint(18 uint(16	54) 4) 4	27 27 2 2 1 3	Bytes 0-3: 0.255 ASCII ASCII Bytes 0-3: 0.255 Bytes 0-3: 0.255 5.65535 Bytes 0-5: 0.255 Connection speed	192.186.0.1 (default) "Celem" (desfault) "Workgroup" (default) 0.0.0.0 (default) Default: 5ms 0.050.2C.2C.3:12.34 or 00-50-C2-C3-12-34 0x000 = Auto;			
	/294B	×	x		thernet/Modbus TGP: Connection speed Port 2 (2 port module)	RW	,			Connection speed	0x001 = 10Mbit half duplex; 0x002 = 10Mbit half duplex; 0x003 = 100Mbit half duplex; 0x003 = 100Mbit half duplex; 0x004 = 100Mbit half duplex; 0x0001 = 10Mbit half duplex; 0x0001 = 10Mbit half duplex; 0x0003 = 10Mbit half duplex; 0x0003 = 100Mbit half duplex;			
10573 0x2	294C 294D 29CC	x	x	E	themet (except for Modbus TCP): Port themet TCP Sextet timeout (in seconds) IS232/CANopen/CAN: Baud rate	RW RW	uint(16 uint(16 uint(16) 2	- 1	0.85935 5.65935 Baud rate	5025 (default), except port 80			1
10702 0x2 10704 0x2	29CD x 29CE x	×	x x	x (YAN: D format AN: Termination AN: Base ID	RW RW	uint(16 uint(16 uint(32) 2) 2) 4	2	Coli: Base/Extended Coli: Bus termination 0x00000x07FF or 0x00000x1FFFFFFF	0x06: 500kbps 500kbps 115200 Bd 0x07: 1Mbps 800kbps - 0x08: 1Mbps 800kbps - 0x09: - 1Mbps 100kbps - 0x000: - Autobaud - 0x0000 = 8x6 (11 Bit); 0xFF00 = Extended (29 Bit) 0x0000 = 9xf; 0xFF00 = on 0xF0xFF00 = on			_
10709 0x2 10710 0x2 10712 0x2 10714 0x2		x	x	x C	AAN: Broadcast D EAN: Date length AAN: Cyclic read: Base ID EAN: Cyclic send: Base ID EAN: Cyclic send ime (in ms): Status AAN: Cyclic read time (in ms): Set value (U, I, P, R)	RW RW RW RW	uint(16 uint(32 uint(32 uint(16) 4	2	0.0000	Default: 0x7FF 0x0000 = Auto; 0xFF00 = Always 8 bytes Default: 0x100 Default: 0x200 Default: 0ff Default: off			1
10716 0x2 10717 0x2 10718 0x2 10721 0x2 10722 0x2	29DB 29DC 29DD 29DE 29E1 29E1 29E2	x x x x x	x x x x		ANC Cyclic read time (in ms). Emits 1 (P. R) ANC Cyclic read time (in ms). Limits 1 (U. I) ANC Cyclic read time (in ms). Limits 1 (U. I) ANC Cyclic read time (in ms). Actal values U. I, P. ANC Cyclic read time (in ms). Schalues U. I, P. ANC Cyclic read time (in ms). Extraulue (I. P. R) (only PSB/PSBE devices, sink mode) ANC Cyclic read time (in ms). Limits 3 (I. P. R) (only PSB/PSBE devices, sink mode) stemal Ethernet interface: Status	RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16) 2	1 1 1	205000; 0 == off 816.0-51: Bit 6: Keep-Alive	Default: off Default: off Default: off Default: off Default: off 0 = inactiv, 1 = activ			
10822 0x2 10823 0x2 10825 0x2 10827 0x2	2A45 x 2A46 x 2A47 2A49 2A4B	x x x	x x	x li	tternal Ethernet Interface: TCP keep-alive timeout nternal Ethernet Interface: DHCP ternal Ethernet interface: DH address ternal Ethernet interface: Subret mask nternal Ethernet Interface: Subret mask nternal Ethernet Interface: Gateway	RW RW RW RW	uint(16 uint(16 uint(8 uint(8 uint(8) 2) 4) 4	1 2 2	Bit 7: DHCP 1 Bit 8: DHCP 2 Coll: Keep-alive on/off Coll: DHCP on/off Bytes 0-3: 0.255 Bytes 0-3: 0.255 Bytes 0-3: 0.255 Bytes 0-3: 0.255 ASCII	0 = DHCP deactivated; 1 = DHCP activated 0 = DHCP is not running, IP has been not assigned; 1 = DHCP is running, IP has been not assigned; 0,00000 = off; 0.0FF0.00 = on 0.00000 = off; 0.0FF0.00 = on 192.180.02 (offenut) 192.180.0.1 (ofenut) 192.180.0.1 (ofenut)			
10856 0x2 10883 0x2 10885 0x2 10888 0x2 10889 0x2	(2A68 (2A83 (2A85 (2A88 (2A89	x x x x x	x x	x ii	ternal Ethernet interface: Dost name ternal Ethernet interface: Domain name ternal Ethernet interface: DNS ternal Ethernet interface: DNS ternal Ethernet interface: AAC ternal Ethernet interface: Pot ternal Ethernet interface: Pot ternal Ethernet interface: TCP Socket timeout (in seconds) IPP Tracking: MPP-Mode	RW RW R(W) RW RW	, ,	r 54 () 4 () 6 () 2 () 2	27 2 3 1	ASCII Bytes 0-3: 0.255 Bytes 0-5: 0.255 0.65535 5.65535 (0 = timeout inactive) 0.4	"Clent" (defaul) 0.0.0 (defaul) 0.0.0 (defaul) 0.0.0 (defaul) 0.0.0 (2c31:2.34 or 00.50-C2-C3-12-34 5050 (2c31:2.34 or 00.50-C2-C3-12-34 5050 (defaul), except port 80 Default 5 0 = off, 1 = MPP1; 2 = MPP2; 3 = MPP3; 4 = MPP4	9		0
11002 0x2 11003 0x2 11004 0x2 11005 0x2 11006 0x2 11007 0x2 11008 0x2	2AF9 2AFA 2AFB 2AFC 2AFC 2AFD 2AFE 2AFF 2B00	x x x x x x	x x x x	0	#PP Tracking: Uoc (Setup) #PP Tracking: (Setup) #PP Tracking: (Setup) #PP Tracking: https://detup) #PP Tracking: https://detup) #PP Tracking: https://detup) #PP Tracking: (Setup) #PP Tracking: (Setup) #PP Tracking: Umpp (Result in MPP1/2/4) #PP Tracking: https://desult.in MPP1/2/4)	RW RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16		1 1 1 1 1 1 1 1	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide) Current value in % of Imor (for translation see programming guide) Voltage value in % of Unom (for translation see programming guide) Current value in % of Inom (for translation see programming guide) Power value in % of Prom (for translation see programming guide) Power value in % of Prom (for translation see programming guide) Voltage value in % of Unom (for translation see programming guide) Current value in % of Inom (for translation see programming guide)	9 9 9	5	Ů
11010 0x2 11011 0x2 11012 0x2 11013 0x2 11014 0x2	2B01 2B02 x 2B03 x 2B04 x 2B05 2B06	x	x	1	#PP Tracking: Pmpp (Result in MPP1/2/4) #PP Tracking: Statisticp #PP Tracking: Erinshed (Function status for MPP1/2/4) #PP Tracking: Erins during function #PP-Tracking: Erins during function #PP-Tracking: Interval (Setup) #PP4: Start #PP4: End	RW R R RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16) 2	1 1 1	0x0000 - 0xCCCC (0 - 100%) Coil: Start/Stop Coil: Start/Stop Coil: Status Coil: Error 0x0005 - 0xEA60 0x0001 - 0x0064 0x0001 - 0x0064	Power value in % of Prom (for translation see programming guide) 0,0000 = stpc, 0pFF00 = start 0,0000 = nore professore for entered 0,0000 = no enror; 0xFF00 = enror Regulation & measuring interval in miliseconds, either for tracking in modes 1 and 2 or for user curve progression in mode 3 start voltage value out of 100 (related to registers 11100-11199) for use in MPP4 mode End voltage value out of 100 (related to registers 11100-11199) for use in	9 9	10 11 12 13 14	12 13
11016 0x2 111100 0x2 111120 0x2 111140 0x2 111160 0x2	2B08 2B5C 2B70 2B84 2B98 2BAC 2BC0	x x x x x	×	x 11 x 1	IPP4 : Repetitions IPP4 : Repetitions IPP Tracking: User curve (MPP4 mode) voltage values 1-20 IPP Tracking: User curve (MPP4 mode) voltage values 21-40 IPP Tracking: User curve (MPP4 mode) voltage values 41-60 IPP Tracking: User curve (MPP4 mode) voltage values 61-80 IPP Tracking: User curve (MPP4 mode) voltage values 81-100 IPP Tracking: User curve (MPP4 mode) voltage values 81-100 IPP Tracking: User curve (MPP4 mode) voltage values 81-100	RW RW RW RW RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(16) 2) 40) 40) 40) 40) 40	20 20 20 20	0x0000 - 0xFFFF 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	MPP4 mode 0x0000 = no repetitions Voltage value in % of Unom (for translation see programming guide) Voltage value in % of Unom (for translation see programming guide) Voltage value in % of Unom (for translation see programming guide) Voltage value in % of Unom (for translation see programming guide) Voltage value in % of Unom (for translation see programming guide) Voltage value in % of Unom (for translation see programming guide)	9 9 9	16 17 18 19 20 21	16 17 18 19 20
11230 0x2l	2BDE	x		P	IPP Tracking: User curve (MPP4 mode) results 11-20 (10x Umon, Imon, Pmon)	R	uint(16) 60	30	0x0000 - 0xCCCC (0 - 100%)	Current value in % of Irom	9		23
11290 0x2 11320 0x2		×			IPP Tracking: User curve (MPP4 mode) results 31-40 (10x Umon, Imon, Pmon) IPP Tracking: User curve (MPP4 mode) results 41-50 (10x Umon, Imon, Pmon)	R	uint(16 uint(16			0x0000 - 0xCCCC (0 - 100%)	Current value in % of Inom [for translation see programming guide) Voltage value in % of Unom Current value in % of Inom [Power value in % of Inom [Votage value in % of Prom [Vot translation see programming guide) Voltage value in % of Unom Current value in % of Inom [Power value in % of Inom [Power value in % of Prom [Votage value in % of Inom [Votage value in % of Ino	9	25	
	2C56	×			IPP Tracking: User curve (MPP4 mode) results 51-80 (10x Umon, Imon, Pmon) IPP Tracking: User curve (MPP4 mode) results 61-70 (10x Umon, Imon, Pmon)	R	uint(16			0x0000 - 0xCCCC (0 - 100%)	(for translation see programming guide) Voitage value in % of Prom Current value in % of Prom (for translation see programming guide) Voitage value in % of Prom Current value in % of Hrom Power value in % of Prom (for translation see programming guide)	9	27	
	2CB0	x	+	P	IPP Tracking: User curve (MPP4 mode) results 71-80 (10x Umon, Imon, Pmon) IPP Tracking: User curve (MPP4 mode) results 81-90 (10x Umon, Imon, Pmon) IPP Tracking: User curve (MPP4 mode) results 91-100 (10x Umon, Imon, Pmon)	R	uint(16) 60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Prom (for translation see programming guide) Voltage value in % of Unom Current value in % of Inom Power value in % of Prom (for translation see programming guide)	9	30	80
11506 0x2	2CEC 2CEE 2CF0 2CF2	x x x		x E x E x E	IPP Tracking: User curve (MPP4 mode) results 91-100 (10x Umon, Imon, Pmon) iattery discharge test (static): Max. current sattery discharge test (static): Max. power lattery discharge test (static): Max. resistance lattery discharge test (static): Discharge voltage	RW RW RW	floa floa floa floa	it 4	2	0x0000 - 0xCCCC (0 - 100%) Floating point number EEE754	Voltage value in % of Unom Current value in % of Irom Power value in % of Prom (for translation see programming guide) 0 - rated current 0 - rated power Min max. resistance, 0 = OFF 0 - rated voltage	11 11 11	0	0 1 2 3
11508 0x2 11510 0x2 11512 0x2	2CF2 2CF4 2CF6 2CF8	x x x	×	x E	attery discharge test (static): Discharge voltage tattery discharge test (static): Max. apacity to discharge tattery discharge test (static): Max discharge time sattery discharge test (static): Action upon reaching the max. discharge capacity stattery discharge test (static): Action upon reaching the max. discharge time	RW RW RW	floa uint(32		2 2	Floating point number EELF784 Floating point number EELF784 0x00000000 - 0x000A0000 (0 - 10 h) Action when reaching max. discharge capacity Action upon reaching the max. discharge time	0 - rated voltage 0 - 0.9999.99 0x00010203 = 01.02.03 as HH:MM:SS, equivalent to [00][HRS][MIN][SEC] 0x0001 = Do nothing: 0x0001 = Signal (see register 11544); 0x0002 = Stop less 0x0002 = Stop less 0x0000 = Do nothing; 0x0001 = Signal (see register 11544); 0x0001 = Signal (see register 11544); 0x0001 = Stop less 0x0002 = Stop less 0x0	11 11 11		
11520 0x2 11522 0x2 11524 0x2 11526 0x2	2CFC 2CFE 2D00 2D02 2D02 2D04 2D06	x x x x x x x x x		x E x E x E x E x	tatlery discharge test (dynamic): Current level 1 attery discharge test (dynamic): Current level 2 tatlery discharge test (dynamic): Time of current level 1 attery discharge test (dynamic): Time of current level 2 attery discharge test (dynamic): Max, power tatlery discharge test (dynamic): Discharge voltage attery discharge test (dynamic): Max. capacity to discharge tatlery discharge test (dynamic): Max. discharge lime	RW RW RW RW RW RW	floa floa floa floa floa floa uint(32	t 4 t 4 t 4 t 4	_	Floating point number EEE754 Glooting point number EEE754	0x0002 = \$lop lest 0 - rated current 1 - 38000 s 1 - 38000 s 0 - rated power 0 - rated power 0 - rated power	11 11 11 11 11 11	9 10 11 12 13	12 13
11528 0x2 11530 0x2 11531 0x2 11532 0x2	2D08 2D0A 2D0B 2D0C x	x	x	× E	tattery discharge test (dynamic): Max. discharge time tattery discharge test (dynamic): Action upon reaching the max. discharge capacity tattery discharge test (dynamic): Action upon reaching the max. discharge time tattery discharge test (dynamic): Action upon reaching the max. discharge time	RW RW RW	uint(32 uint(16 uint(16 uint(16) 4	1	0x00000000 - 0x0000A0000 (0 - 10 h) Action Action Coil: Start/Stop	0x00010203 = 01.02:03 as HH.MM.SS, equivalent to [00][HRS][MN][SEC] 0x0001 = Signal (see register 11544); 0x0002 = Step test 0x0001 = Signal (see register 11544); 0x0002 = Step test 0x0001 = Signal (see register 11544); 0x0002 = Step test 0x0001 = Signal (see register 11544); 0x0002 = Step test	11	15 16 17	16
11535 0x2 11536 0x2 11538 0x2	2D0F	x x x	x	x E	sattery test: Mode selection sattery test: Discharged capacity in Ah sattery test: Discharged energy in Wh sattery test: Time at end of test	RW RW RW	uint(16		1	Mode selection x Ah x Wh HH-MM:SS.MS	0x0000 = Battery test mode off (default); 0x0001 = State (discharge; 0x0001 = State (discharge; 0x0003 = State charge; 0x0003 = State charge; 0x0004 = Dynamic test 10.5 Ah Word 0 = Hours (0-10) Word 1 = Minutes (0-59)	11 11 11	21	21
11544 0x2	2D18	×		i i	lattery test: Status 2	R	uint(16) 2	1	Bit 0 : Battery test mode off (default) Bit 1 : Running Bit 2 : Finished Bit 3 : Ernor occurred Bit 4 : Initalized Bit 5 : Maximum Ah reached (signal only)	Word 2 = Seconds (0-59) Word 3 = Milesconds (0-590) 0 = none; 1 = active	11	25	5
11547 0x2		x		x E	iattery charge test (static): Max. Voltage attery charge test (static): Charge current	RW RW	floa	it 4	2	Bit 6 : Maximum time reached (signat only) Bit 7 : Maximum Ah reached (end of test) Bit 8 : Maximum time reached (end of test) Bit 9 : Charging Bit 10 : Disharging Bit 11 : Resting Floating point number EEE754 Floating point number EEE754	0 = none; 1 = active 0 - rated cytalige 0 - rated cytalige	11 11	27	27
11551 0x2 11553 0x2 11555 0x2 11557 0x2	2D1B 2D1F 2D21 2D23 2D25 2D26	x x x x	x	x E x E	statery charge test (static): Charge current statery charge test (static): Charge current statery charge test (static): Max capacity to charge statery charge test (static): Max charge time statery charge test (static): Max charge time statery charge test (static): Action upon reaching the max. capacity statery charge test (static): Action upon reaching the max charge time	RW RW RW RW	floa floa floa uint(32 uint(16 uint(16	t 4 t 4 t) 4	2 2 2 1	Floating point number EEE754 Floating point number EEE754 Floating point number EEE754 0x00000000 - 0x000A0000 (0 - 10 h) Action Action	0 - rated current 0 - 9999.99 00x0010203 - 3 0 1:02:03 as HH.MM.SS, equivalent to [00][SEK][MN][STD] 0x0001 - D o nothing; 0x0001 - Signal (see register 11544); 0x0002 - Stop lest 0x0000 - D o nothing; 0x0000 - D o nothing;	11 11 11 11	29 30 31 32	80 81 82
11567 0x2 11569 0x2 11571 0x2 11573 0x2	2D29 2D2D 2D2F 2D31 2D33 2D35	x x x x x		x E x E x E x E x	sattery dynamic test (charge): Charge voltage sattery dynamic test (charge): Charge current sattery dynamic test (charge): Charge end current sattery dynamic test (charge): Charge duration sattery dynamic test (discharge): Discharge current sattery dynamic test (discharge): Discharge end voltage sattery dynamic test (discharge): Discharge duration	RW RW RW RW RW	floa floa floa floa floa floa	t 4 t 4 t 4 t 4 t 4 t 4	2 2 2 2 2	Floating point number IEEE754	0x0002 = Stop test 0 - rated voltage 0 - rated current 0 - rated current 1 - 36000 s 0 - rated current 0 - rated current 1 - 36000 s 1 - 36000 s 1 - 36000 s	11 11 11 11 11	37 38 39 40 41	35 37 38 39 10
1575 0x2 1577 0x2 1579 0x2 1579 0x2	2D37 2D39 2D3B 2D3C	x x x	x	x E	tatlery dynamic test. Max. charge/discharge capacity tatlery dynamic test. Max. time tatlery dynamic test. Action upon reaching the max. capacity tatlery dynamic test. Action upon reaching the max. time	RW RW RW	floa uint(32 uint(16 uint(16	t 4 () 4 () 2	1	Floating point number IEEE754 0x000000000 - 0x000A0000 (0 - 10 h) Action	0 - 99999 99 0x00010203 = 01:02:03 as HHMM:SS, equivalent to [00][SEK][MIN][STD] 0x0000 = Do nothing; 0x0001 = Signal (eer register 11544); 0x0002 = Stop test 0x0000 = Do nothing; 0x0001 = Signal (eer register 11544); 0x0001 = Signal (eer register 11544); 0x0001 = Signal (eer register 11544); 0x0002 = Stop test	11 11 11	42 43 44 45	12 13 14
11582 0x2 11584 0x2 12000 0x2 12001 0x2	2D3D 2D3E 2D40 2EE0 x 2EE1	x x x	x x x	F	iattery dynamic test: Start with discharging or charging phase lattery dynamic test: Pause time between operations lattery dynamic test: Cycles lunction generator PV: Start/Stop lunction generator PV: Start/Stop lunction generator PV: Stimulation mode	RW RW RW RW	uint(16 uint(16) 2) 2	2	Start with Floating point number IEEE754 Number Coil: Start/Stop Mode	0x001 = Discharging; 0x0001 = Charging 1 - 36000 s 0 = Mfinite; 1-999 0x0000 = Stop; 0xFF00 = Start 0x0000 = Stop; 0xFF00 = Start 0x0000 = 0xF00001 = Tradiation/temperature; 0x0002 = Umpp/Impp; 0x0003 = Daily tend umpp/Impp	11 11 11 10	47 48 0	17 18 0
2003 0x2 2004 0x2 2005 0x2 2006 0x2 2007 0x2 2008 0x2	2EE2 2EE3 2EE4 2EE5 × 2EE6 × 2EE7 2EE8 2EEA	x x x x x x	x x x	F	unction generator PV: MPP Voltage unction generator PV: MPP Current unction generator PV: MPP Power unction generator PV: httpsbalton unction generator PV: Day trend (mode) unction generator PV: Day trend (index)	R R R RW RW W RW	uint(16 uint(16 uint(16 uint(16 uint(16 uint(16 uint(32) 2) 2) 2) 2) 2) 2) 2) 2) 2	1 1 1 1 1 1 1 2	0x0000 - 0xCCCC 0x0000 - 0xCCCC 0x0000 - 0xCCCC 0x0000 - 0xCCCC Coli: hterpolation Coli: Mode Coli: Clear 1100000 Byte 0-3: Index [0x000000010x000188A0]	MPP votage (for translation see programming guide) MPP current (for translation see programming guide) MPP current (for translation see programming guide) 0x0000 = 0ff; 0xFF00 = 0 0x0000 = mead only, 0xFF00 = write 0xFF00 = clear 0x00001 = hidex 1	10 10 10 10 10 10 10	3 4 5 6 7	7
	2EF0	x	x	F	unction generator PV: Technology unction generator PV: htput mode	RW	uint(16) 2	1 1	Byte 4-5: E or U-MPP [0x00000xCCCC] Byte 6-7: Temp. 9 or HMPP [0x00000xCCCC] Byte 8-11: at in [ms] 5001800000 Technology Coil: Mode	Iradiation or U-MPP (for translation see register 12053) or U-MPP (for translation see programming guide) Module temperature (for translation see register 12052) or I-MPP (for translation see programming guide) Desilitane of Index O-MODULE (For Index O-MODULE) (Desilitane of Ind	10	10	10
12017 0x2	2EF2 x 2EF3 2EF4 2EF6 2EF8		x	F	unction generator PV. Activate data recording unction generator PV. Clear recorded data unction generator PV. Clear recorded data unction generator PV. Actual record count unction generator PV. Record index unction generator PV. Becord index unction generator PV. Data set	RW W R RW R	uint(16 uint(16 uint(32 uint(32) 2	1 2 2 8	Coll: Record Coll: Clear Coll	0x0000 = hak; 0xFF00 = continue 0xFF00 = clear 0x000000F = 15 recorded values 0x000000F = 16 recorded values 0x0000000F = 16 recorded values 0x00000000000000000000000000000000000	10 10 10 10	12 13 14 15	3
12017 0x2 12018 0x2 12019 0x2 12020 0x2 12022 0x2		x x x x		x F	unction generator PV: Open circuit voltage unction generator PV: Short-circuit current unction generator PV: Fill factor (voltage) unction generator PV: Fill factor (current) unction generator PV: Termerature coefficient for to (Technology parameter) unction generator PV: Temperature coefficient for Igo (Technology parameter) unction generator PV: Temperature coefficient for Igo (Technology parameter)	R R RW RW	uint(16 uint(16 floa floa	ıt 4	1 2 2	Byte 12.3:mpp [0x00000xCCCC] Byte 14-15: P_mpp [0x00000xCCCC] 0x00000xCCCC 0x00000xCCCC FFu_>01 FFi_>01 d in 1/°C; walues >01	MPP current MPP power Open circuit voltage (for translation see programming guide) Short circuit current (for translation see programming guide) Floating point rumber in EEET754 format Floating point rumber in EEET754 format Floating point rumber in EEET754 format	10 10 10	20 22 23	18 20 22 23
12017 0x2 12018 0x2 12019 0x2 12020 0x2 12022 0x2 12024 0x2 12032 0x2 12033 0x2 12034 0x2 12036 0x2 12038 0x2	2F02 2F04 2F06 2F08	х	+		runction generator PV: Temperature coefficient for Uoc (Technology parameter) function generator PV: Correction factor Cu(Technology parameter)	RW	floa floa floa	it 4	2	β in 1/°C; values <01 Cu without unit; values > 0 1,0 [cSl: 0.08593; Thinfilm: 0.08419]	Floating point number in EEE754 format Floating point number in EEE754 format Floating point number in EEE754 format	10 10	26	26
12017 Ox2 12018 Ox2 12019 Ox2 12019 Ox2 12020 Ox2 12022 Ox2 12024 Ox2 12032 Ox2 12033 Ox4 12036 Ox2 12044 Ox2 12044 Ox2 12044 Ox2 12044 Ox2 12044 Ox2 12046 Ox2 12048 Ox2 12048 Ox2 12048 Ox2 12048 Ox2 12048 Ox2 12049 Ox2	2F02 2F04 2F06 2F08 2F0A 2F0C 2F0C 2F0E 2F10 2F11	x x x x x	x	x F	unction generator PV: Correction factor Cr (Technology parameter) unction generator PV: Correction factor Cg/Es (Technology parameter) unction generator PV: Open circuit voltage STC (Standard Test condition) unction generator PV: Short circuit current STC	RW RW RW	floa floa uint(16 uint(16	t 4	1	Cr in m'W, values > 01 [cst o.0001476] [cst o.0001088; thin film: 0.0001476] [cg in Wim*, values > 01 [cst o.002514; thin film: 0.001252] [ox0000-0xCCCC [ox0000-0xCCCC]	Floating point rumber in EEE754 format Open circuit voltage (for translation see programming guide) Short circuit current (for translation see programming guide)	10 10	30 31 32	28 30 31
12017 0x2 12018 0x2 12019 0x2 12019 0x2 12020 0x2 12022 0x2 12024 0x2 12032 0x2 12033 0x3 12033 0x3 12036 0x3 12036 0x4 12040 0x2 12044 0x2 12044 0x2 12046 0x2 12046 0x2 12048 0x4 12049 0x1 12049 0x1 12049 0x1 12040 0x2 12041 0x2	2F02 2F04 2F06 2F08 2F08 2F0C 2F0C 2F10 2F11 2F12 2F12 2F13 2F14	x x x		× F	unction generator PV: Correction factor Cg/Es (Technology parameter) unction generator PV: Open circuit voltage STC (Standard Test condition)	RW	floa uint(16	(t) 4 (r) 2 (r) 2 (r) 2 (r) 2 (r) 2 (r) 2	2 1 1 1 1 1 1 1	[c8t 0.0001088; thin film: 0.0001476] Cg in Wilm*; values > 0 1 [c8t 0.00254; thin film: 0.001252] 0.00000 - 0xCCCC 0x0000 - 0xCCCC 0x0000 - 0xCCCC	Floating point number in EEE754 format Open circuit voltage (for translation see programming guide) Short circuit current (for translation see programming guide) MPP voltage (for translation see programming guide) MPP current (for translation see programming guide) Module temperature (translation: value = [real value+40]/120*52428)	10 10 10 10	30 31 32 33 34 35 36	31 32 33 34 35