		single coil (0x05)	single register (0x06)	multiple registers (0x10)	9000 B register list for devices with KE firmware our device's MENU in Item ABOUT HW, SW)			length in bytes		The second secon		Profibus slot / Profinet subslot	Profibus/Profinet index in slot
0 1 21 41 61	x x x x	Write si	Write si	Write r	Description Device class Device type Manufacturer Manufacturer address Manufacturer ZP code	A Access	nitte Sati	6) sig 4 sig 4 sig 4 sig 4	2 1 0 20 0 20 0 20 0 20	Data ASCI ASCI ASCI ASCI ASCI	Example 20, 32, 34, 36 = ELR 9000 39 = EL 9000 B ELR 9080-170	1 1 1 1	0 1 2 3 4
81 101 121 123 125 127	x x x x x				Manufacterer phone number Manufacturer website Nominal voltage Nominal voltage Nominal current Nominal power Max. Internal resistance Min. Internal resistance	F F F F F F	R strice R strice R floor R floor R floor R floor	at at at	0 20 4 2 4 2 4 2 4 2	ASCI ASCI Floating point number IEEE754	80 170 3500 12 0,005	1 1 1 1 1 1 1	5 6 7 8 9 10
31 51 71 91	x x x x			х	Article no. Serial no.	F F RW F F	S stri	ng 4 ng 4 ng 4 ng 4	0 20 0 20 0 20 0 20 0 20	ASCII ASCII ASCII ASCII ASCII ASCII ASCII ASCII ASCII	3223401 100010002 V2.01 05.09.2012 V2.02 1308.2012 V1.5.6	1 1 1 1 1	12 13 14 15 16
102 x 105 x 107 x 108	х	x x x	х		Remote mode DC input Condition of DC input after power fail alarm Condition of DC input after powering the device Operation mode (UP/UR)	RW RW RW RW	/ uint(1 / uint(1 / uint(1 / uint(1	6) 6) 6)	2 1	Coils : Remote Coils : Imput Coils : Auto-On Reg : Power-On Coils : Operation mode	0x0000 = off; 0xFF00 = on 0x0000 = off; 0xFF00 = on 0x0000 = off; 0xFF00 = auto-on 0xFFF = off; 0xFFE0 = sub-on 0xFFF = off; 0xFFE0 = totalore 0x0000 = UP; 0xFF00 = UR	2 2 3 2	30
110 111 116 x 117 x 118 x		x x x x x			Restart of the device (warm start) Acknowledge alarms Analog interface: Reference voltage (pin VREF) Analog interface: REM-SB level Analog interface: REM-SB exicin Speed of internal voltage controller	W W RW RW RW	/ uint(1 / uint(1	6) 6) 6) 6)	2 1	Colis : Restart	0xFF00 = execute 0xFF00 = extensivedge 0x0000 = 10V; 0xFF00 = 5V 0x0000 = 10V; 0xFF00 = EV 0x0000 = DC off; 0xFF00 = DC auto 0x0000 = Slow; 0xFF00 = DC auto 0x0000 = slow; 0xFF00 = first	2 2 2 2 2	9 14 36 37 38
425 x 440	х	х	х		DC input after leaving remote Analog interface: Pin 14 configuration	RW	/ uint(1 / uint(1			Colls : Condition Alarms 1	0x0000 = 0ff; 0xFF00 = unchanged 0x0000 = 0VP (xefault); 0x0001 = 0CP; 0x0003 = 0VP + 0CP; 0x0003 = 0VP + 0CP; 0x0004 = 0VP + 0PP; 0x00405 = 0VP + 0PP;		
441	x		x		Analog interface: Pin 6 configuration Analog interface: Pin 15 configuration	RW	,		2 1	Alarms 2 Status DC	0x0006 = OVP + OCP + OCP; 0x0001 = OT, + PF (default); 0x0001 = OT, 0x0002 = PF; 0x0000 = OV; 0x0001 = DC output status		
500 501 502 503	x x x		x x x		Set voltage value Set curret value Set power value Set power value Set resistance value	RW RW RW	/ uint(1 / uint(1 / uint(1	6) 6)	2 1	0x0000 - 0xD0E5 (0 - 102%) variable - 0xCCCC (x - 100%) Mirimum value needs to be cal-culated, refer to programming guide	Voltage value (for translation see programming guide) Currert value (for translation see programming guide) Power value (for translation see programming guide) Resistance value (for translation see programming guide)	2 2 2	26
505	x				Device state	F	R uint(3	2)	4 2	Bit 5 :- Bit 6 :Master-slave type	0x00 = free; 0x01 = locat; 0x03 = USB; 0x04 = aralog; 0x05 = Profilise; 0x06 = Ethernet; 0x06 = Master(Stawe; 0x09 = RS232; 0x10 = CANoper; 0x12 = Moduba; TCP 1P; 0x13 = Profinet 1P; 0x14 = Ethernet 1P; 0x15 = Ethernet 2P; 0x16 = Moduba; TCP 2P; 0x17 = Profinet 2P; 0x18 = GPB; 0x19 = CAN; 0x1A = EtherCAT 0 = Slawe; 1 = Master	2	27
										Bit 7 : hrput state Bit 8 :- Bit 9-10: Regulation mode Bit 11 : Remote Bit 12 :- Bit 13 : Function generator	0 = off; 1 = on 00 = CV; 01 = CR; 10 = CC; 11 = CP 0 = off; 1 = on 0 = stopped; 1 = rurning		
										Bit 14 : External sense Bit 15 : Alarms Bit 16 : OVP Bit 17 : OCP Bit 18 : OPP Bit 19 : OT	D = off, 1 = on O = none, 1 = active D = none, 1 = active D = none, 1 = active O = none, 1 = active O = none, 1 = active O = none, 1 = active		
										Bit 20 :- Bit 21 : Power fail 1 Bit 22 : Power fail 2 Bit 23 : Power fail 3 Bit 24 : UVD Bit 25 : OVD	0 = none; 1 = active 0 = none; 1 = active		
507	х				Actual voltage	Б	R uint(1		2 1	Bit 26 : UCD Bit 27 : OCD Bit 28 : OPD Bit 29 : MSS Bit 30 : REM-SB 0x0000 - 0xFFFF (0 - 125%)	0 = none; 1 = active 0 = OK; 1 = Master-slave in secure mode 0 = OK; 1 = REM-SB disables power output Actual voltage (for translation see programming guide)	2	28
508 509 520 521 522	x x x				Actual current Actual power Court of OV alarms since power up Court of OP alarms since power up Court of OP alarms since power up	F F	uint(1 uint(1 uint(1	6) 6) 6)	2 1	0x0000 - 0xFFFF (0 - 125%) 0x0000 - 0xFFFF (0 - 125%) 0x0000 - 0xFFFF 0x0000 - 0xFFFF 0x0000 - 0xFFFF	Actual current (for translation see programming guide) Actual power (for translation see programming guide) Court Court Court	3 3 3	29 30 20 21 22
523 524 550 553 556	x x x		x x		Court of OT alarms since power up Court of PF alarms since power up Overvoltage protection threshold (OVP) Overcurrent protection threshold (OCP) Overpower protection threshold (OPP)	RW RW RW	uint(1 uint(1 uint(1 uint(1 uint(1	6)	2 1 2 1 2 1 2 1 2 1	0x0000 - 0xFFFF 0x0000 - 0xFFFF ELR: 0x0000 - 0xE147 (0 - 110%) EL98: 0x0000 - 0xD2F1 (0 - 103%) 0x0000 - 0xE147 (0 - 110%) 0x0000 - 0xE147 (0 - 110%)	Court Court OVP threshold (for translation see programming guide) OCP threshold (for translation see programming guide) OCP threshold (for translation see programming guide)	3 3 3	23 24 0 3
559 560 561 562 563 564	X X X X		x x x x x		Undercurent detection (U/D) Adjustable U/D notification Oervoltage detection (O/D) Adjustable O/D notification Undercurent detection (U/D) Adjustable U/D notification	RW RW RW RW RW	/ uint(1	6) 6) 6) 6)	2 1 2 1 2 1 2 1 2 1 2 1	0x0000 - 0xD0E5 (0 - 102%) Adjustable UVD notification 0x0000 - 0xD0E5 (0 - 102%) Adjustable OVD notification 0x0000 - 0xD0E5 (0 - 102%) Adjustable UCD notification	UVD threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signat, 0x0002 = warning; 0x0003 = siarm 0VD threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signat, 0x0002 = warning; 0x0003 = siarm UVCD threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signat, 0x0002 = warning; 0x0003 = siarm	3 3 3 3 3	10 11 12 13
565 566 567 568 650 x	X X X	x	x x x		Overcurrent detection (OCD) Adjustable OCD notification Overpower detection (OPD) Adjustable OPD notification Master-slave: Link mode	RW RW RW RW	/ uint(1 / uint(1 / uint(1	6)	2 1	0x0000 - 0xD0E5 (0 - 102%) Adjustable CCD notification 0x0000 - 0xD0E5 (0 - 102%) Adjustable OPD notification Coils : Mode	OCD threshold (for translation see programming guide) 0x0000 = nothing; 0x0001 = signat, 0x0002 = warning; 0x0003 = siarm 0x0000 = nothing; 0x0001 = signat, 0x0002 = warning; 0x0003 = siarm 0x0000 = nothing; 0x0001 = signat, 0x0002 = warning; 0x0003 = siarm 0x0000 = Slave; 0xFF00 = Master	3 3 3 3	15 16 17 18
652 x 653 x 654 655	х	x x	х		Master-slave: Enrik mode of Share-Bus Master-slave: Enable MS Master-slave: It MS Master-slave: Condition	RW RW W	/ uint(1	3)	2 1	Coils : Mode Coils : MS on/off Coils : MS start init Reg : MS status	0.0000 = Slave: 0xFF00 = cn 0xF00 = fit, 0xFF00 = cn 0xF00 = Start init 0x0000 = not initialised: 0x0001 = initrunning; 0x0003 = set defaults; 0x0004 = setup interface; 0x0005 = assignment; 0xFFF0 = disrupted; 0xFFFD = different models detected, init not OK; 0xFFFE = enror; 0xFFFF = init OK	4 4 4	3
656 658 660 662	x x x	x			Master-slave: Total voltage Master-slave: Total current Master-slave: Total power Master-slave: Number of initialised slaves Function generator Arbitary: Start/stop	F F F	t flo t flo t uint(1	at at 6)	4 2 1	Floating point number IEEE754 Floating point number IEEE754 Floating point number IEEE754 Coils : Start/Stop	500 850 16.50 19 0x0000 = Stop; 0xFF00 = Start	4 4 4	7
851 x 852 x 854 x 855 x 858 859	x	x x x x	x		Function generator Arbitrary: Select U Function generator Arbitrary: Select I Function generator XY: Select U-Imode Function generator XY: Select U-Imode Function generator XY: Select I-U mode Function generator X-Dubritr	RW RW RW W W	/ uint(1 / uint(1 / uint(1 / uint(1 / uint(1 / uint(1	6) 6) 6) 6) 6)	2 1	Coils :U Coils :I Coils :U-I Coils :U-I Coils :U-I Coils :Submit for XY 0x00010x0063	0x0000 = not assigned; 0xFF00 = Assign function to voltage 0x0000 = not assigned; 0xFF00 = Assign function to current 0x0000 = not assigned; 0xFF00 = Assign function to Uclare 0x0000 = not assigned; 0xFF00 = Assign function to Uclare 0x0000 = not assigned; 0xFF00 = Assign function to HU curve 0xFF00 = Submit curve data	5 5 5 5 5	_
860 861 900	x		x	x	Function generator Arbitrary: End sequence Function generator Arbitrary: Sequence cycles Function generator Arbitrary: Setup for sequence 1	RW RW	/ uint(1 / uint(1 / flo	3)	2 1	0x00010x0063 0x00000x03E7 Bytes 0-3: Us/Is(AC) in V Bytes 4-7: Ue/Ie(AC) in V Bytes 8-11: fs(1/T) in Hz	0x0000 = infinite Floating point number in EEE754 format, see device manual for value range, chapter about function generator Integer in EEE754 format: 010000 Hz	5 5	10
										Bytes 12-15: fe(1/T) in Hz Bytes 16-19: Angle in degrees Bytes 20-23: Us/ls(DC) in V Bytes 24-27: Ue/le(DC) in V Bytes 24-37: Sequence time in us	hteger in EEE754 format: 0 100000 Hz tateger in EEE754 format: 0" 359" Floating point number in EEE754 format, see device manual for value range, chapter about function generator Floating point number in EEE754 format EER 9000: 100 jss 38,000,000,000 js		
↓ ↓ 2468	x	1	1	×	I Function generatorArbitrary: Setup for sequence 99	RW	l flo	↓ ↓ at 3		Bytes 0-3: Us/ts(AC) in V Bytes 4-7: Us/ts(AC) in V Bytes 4-7: Us/ts(AC) in V Bytes 8-11: fs(1/T) in Hz Bytes 12-15: fs(1/T) in Hz	While current mode: £1,9000 B: 10 μs_36,000,000,000 μs Floating point number in EEET54 format, see device manual for value range, chapter about function generator Heger in EEET54 format: 0_10000 Hz Heger in EEET54 format: 0_10000 Hz	6	↓ 98
										Bytes 16-19: Angle in degrees Bytes 20-23: Us/ls(DC) in V Bytes 24-27: Us/ls(DC) in V Bytes 24-31: Sequence time in µs	Integer in EEET54 format: 0"356" Floating point number in EEET54 format, see device manual for value range, chapter about function generator Floating point number in EEET54 format ELR 9000: 100 js36.000,000,000 js E1 9000 8: 10 js36.000,000,000 js		
				х	Function generator: X/Y table, block 0	RW	/ uint(1	3)	2 16	UI mode: set voltage value	value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of current * 0.8 / Inom * 32768	7	1
± ↓ ↓ ↓	x ↓ x	1	ļ	↓ x	Function generator: XIY table, block 255	RW	/ uint(1	1 1	1	IU mode: set current value (16 values block) UI mode: set voltage value IU mode: set current value	↓ value = real set value of voltage * 0.8 / Unom * 32768 or	7	255
0000 0001 0002 0003	x x x	1	x x x x	×	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-min) Upper limit of current set value (I-max) Lower limit of current set value (I-min)	RW RW RW	/ uint(1 / uint(1 / uint(1 / uint(1	\$\frac{1}{3}\$ \$\	2 16 2 16 2 1	(16 values block) Ul mode: set voltage value	value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of current * 0.8 / Inom * 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)	2 2 2 2	34
0000 0001 0002 0003 0004 0006 0007 x 0008 x 0010 x	x x x	X X X	x x x	↓ x	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Upper limit of current set value (I-min) Upper limit of current set value (I-max) Lower limit of current set value (I-min) Upper limit of power set value (I-max) Upper limit of power set value (I-max) Upper limit of resistance set value (I-max) Upper limit of Power-set value (I-max) Upper limit of Voltage (I-ma	RW RW	/ uint(1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(16 values block) 1 UI mode: set voltage value IJ mode: set current value (16 values block) 0x0000 - 0xD0E5 (0 - 102%) 0x0000 - 0xD0E5 (0 - 102%) 0x0000 - 0xD0E5 (0 - 102%)	value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of current * 0.8 / Inom * 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) Power value (for translation see programming guide) Power value (for translation see programming guide) Resistance value (for translation see programming guide) 0.00000 = 0ft. 0xFF00 = on 0.00000 = 0ft. 0xFF00 = on 0.00000 = 0ft. 0xFF00 = on	2 2 2 2 2 2 2 2	31 32 33 34 35
10000 10001 10002 10003 10004 10006 10007 x 10008 x 10100 x	x x x x x	x	x x x	ļ x	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-min) Upper limit of current set value (I-max) Lower limit of current set value (I-max) Upper limit of power set value (I-max) Upper limit of ower set value (I-max) Upper limit of resistance set value (R-max) Ethernet: TCP keep-alve ProfinetModbus TCP: DHCP Protoco: Modbus	RW R	/ uint(1 / uint(1 / uint(1 / uint(1 / uint(1 / uint(1 / uint(1 / uint(1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(16 values block) 1 Ul mode: set voltage value IJ mode: set current value (16 values block) 0.00000 - 0.000E5 (0 - 102%)	value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of current * 0.8 / Inom * 32768 or value = real set value of current * 0.8 / Inom * 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) Power value (for translation see programming guide) Power value (for translation see programming guide) Resistance value (for translation see programming guide) 0x0000 = 0ff; 0xFF00 = on 0x0000 = 0x0000 = 0ff; 0xFF00 = on 0x00000 = 0x00000 = 0x00000 = 0x00000 = 0x00000 = 0x000000 = 0x0000000 = 0x00000000	_	31 32 33 34 35
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X X X X X X X X X X	x	x x x	X	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Upper limit of current set value (I-min) Upper limit of current set value (I-max) Lower limit of current set value (I-min) Upper limit of power set value (I-max) Upper limit of power set value (I-max) Upper limit of resistance set value (I-max) Upper limit of Power-set value (I-max) Upper limit of Voltage (I-ma	RW R	/ uint(1 / u	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(16 values block) Ul mode: set voltage value Ul mode: set current value Ul mode: set current value Ul mode: set current value Ul walues block) 0x0000 - 0xD0E5 (0 - 102%) 0x0000 - 0xD0E5 (value = real set value of voltage *0.8 / Unom *32768 or value = real set value of current *0.8 / Inom *32768 or value = real set value of current *0.8 / Inom *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) Power value (for translation see programming guide) Sesistance value (for translation see programming guide) 0x0000 = off. 0xF00 = on	_	31 32 33 34
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X X X X X X X X X X	x x x	x x x	x x x	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-min) Upper limit of current set value (P-min) Upper limit of current set value (P-min) Upper limit of power set value (P-max) Ethernet: TCP keep-alve ProfinetModbus TCP-DHCP Protocol Modbus Protocol SCPI AnyBus module: Type AnyBus module: Type AnyBus module: Type AnyBus module: Nersion number AnyBus module: Serial number Profibus/CANoper: Slave address Profibus/CANoper: Slave address Profibus/Profinet User-defineable "Lucation tag" Profibus/Profinet User-defineable description	ROW ROW	Juint(1 Juin	1	1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1	(16 values block)	value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of current * 0.8 / Inom * 32768 or value = real set value of current * 0.8 / Inom * 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) Power value (for translation see programming guide) 0x0000 = oft for translation see programming guide) 0x0000 = oft for translation see programming g	2 2 2 2 3 8 8 8 8 8 8 8 8 8 8	311 322 333 344 355 37
1 1 1 1 1 1 1 1 1 1	X	x x x	x x x	X	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Upper limit of current set value (I-max) Upper limit of current set value (I-max) Upper limit of power set value (P-max) Upper limit of power set value (P-max) Upper limit of power set value (R-max) Upper limit of power set value (R-max) Upper limit of resistance set value (R-max) Upper limit of power set value (R-max) Upper limit of power set value (R-max) Upper limit of resistance set value (R-max) Upper limit of resis	FRANCE F	Linkin Li	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	16 values block)	Value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of current * 0.8 / Inom * 32768 or value = real set value of current * 0.8 / Inom * 32768 or value = real set value of current * 0.8 / Inom * 32768 or value (for translation see programming guide)	2 2 2 2 2 3 8 8 8 8 8 8 8 8 8	311 322 333 344 355 37
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X X X X X X X X X X	x x x	x x x	x x x x x x x x x x x x x x x x x x x	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Upper limit of current set value (P-max) Upper limit of current set value (P-max) Upper limit of power set value (P-max) Upper limit of power set value (P-max) Upper limit of power set value (P-max) Upper limit of resistance set value (R-max) Ethernet: TCP keep-alve ProfinetModus TCP-DHCP Protocol Modbus Protocol	RAW RAW	Link(1) Link(1	1	2 116 2 116	(16 values block)	value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of voltage * 0.8 / Unom * 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) Power value (for translation see programming guide) 0.00000 = off, 0.0000000000000000000000000000000000	2 2 2 2 3 8 8 8 8 8 8 8 8 8 8	311 322 333 344 355 37
1 1 1 1 1 1 1 1 1 1	X X X X X X X X X X	x x x	x x x x	X	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Lower limit of current set value (P-max) Upper limit of current set value (P-max) Upper limit of power set value (P-max) Upper limit of power set value (P-max) Upper limit of resistance set value (R-max) Upper limit of value (R-max) Upper limit of resistance set value (R-max) Upper limit of value (R-max)	ROAD	uint() u	1 1 3 3 3 3 3 3 3 3	2 116 2 116	(16 values block)	value = real set value of voltage * 0.8 / Unom * 32768 or value = real set value of current * 0.8 / Irom * 32768 or 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) Power value (for translation see programming guide) Ox0000 = off. (for F00 = on Ox000 = off. (for F00 = on Ox000 = off. (for F00 = on Ox000 = off.	2 2 2 2 3 8 8 8 8 8 8 8 8 8 8	311 322 333 344 355 377
1 1 1 1 1 1 1 1 1 1	X X X X X X X X X X	x x x	x x x	X	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Upper limit of current set value (P-max) Upper limit of current set value (P-max) Upper limit of power set value (P-max) Upper limi	RWW RW RW RW RW RW RW R	uint() u	1 1 3 3 3 3 3 3 3 3	2 116 2 116	10	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) Current value (for translation see programming guide) Ox0000 = oft for translation see programming guide) Ox0001 = for translation see programming guide) Ox0001 = oft for translation see pr	2 2 2 2 3 8 8 8 8 8 8 8 8 8 8	311 322 333 344 355 377
000 000	X X X X X X X X X X X X X X X X X X X	x x x	x x x x	X X X X X X X X X X X X X X X X X X X	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Lower limit of contract set value (P-max) Upper limit of courted set value (P-max) Upper limit of power set value (P-max) Upper limit of power set value (P-max) Upper limit of resistance set value (R-max)	ROAD	uint(1 u	1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(16 values block)	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) Current value (for translation see programming guide) Ox0000 = oft for translation see programming guide) Ox0001 = for translation see programming guide) Ox0001 = oft for translation see pr	2 2 2 2 3 8 8 8 8 8 8 8 8 8 8	31 32 33 34 35 37
1 1 1 1 1 1 1 1 1 1	X X X X X X X X X X	X	x x x x	x x x x x x x x x x x x x x x x x x x	Upper limit of voltage set value (U-max) Lower limit of voltage set value (U-max) Upper limit of current set value (P-max) Upper limit of current set value (P-max) Upper limit of power set value (P-max) Upper limit of power set value (P-max) Upper limit of resistance set value (R-max)	ROW ROW	uint(1 u	1	0 200 200 200 200 200 200 200 200 200 2	(16 values block)	Voltage value (for translation see programming guide)	2 2 2 2 3 8 8 8 8 8 8 8 8 8 8	311 322 333 344 355 377
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