

RESET	1x06001 2x06001 I:6000	0,0x00 B:00		N/A:NO CHANGE	BIT R/W	NO
Performs a software reset, whenever 1 is written to this register. If the host writes to this register 1, the module executes a soft reset (reboot).						
RESET	3x06001 4x06001 I:6000	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	NO
Performs a software reset, whenever 1 is written to this register. If the host writes to this register 1, the module executes a soft reset (reboot).						
CONVERTER STATUS						
CONVERTER STATUS	3x06002 4x06002 I:6001	0,0x0000 B:00 00			UINT16 R/O	
Current status of the converter						
CONVERTER STATUS						
DIP SWITCH	3x10010 4x10010 I:10009	0,0x0000 B:00 00			UINT16 R/O	
Returns the current setting of the Dip switches. For ULTRA SLIM IOs The current value of the DIP switches: Bit 0: DIP Switch 1 (=0:OFF, =1:ON) Bit 1: DIP Switch 2 (=0:OFF, =1:ON) Bit 2: DIP Switch 3 (=0:OFF, =1:ON) Bit 3: DIP Switch 4 (=0:OFF, =1:ON) For BIG IOs: The current value of the DIP switches: Bit 0: DIP Switch 1 (=0:OFF, =1:ON) Bit 1: DIP Switch 2 (=0:OFF, =1:ON) Bit 2: DIP Switch 3 (=0:OFF, =1:ON) Bit 3: DIP Switch 4 (=0:OFF, =1:ON) Bit 4: DIP Switch 5 (=0:OFF, =1:ON) Bit 5: DIP Switch 6 (=0:OFF, =1:ON) Bit 6: DIP Switch 7 (=0:OFF, =1:ON) Bit 7: DIP Switch 8 (=0:OFF, =1:ON)						
PRODUCT DATA						
HW_GROUP	3x65201 4x65201 I:65200	16384,0x4000 B:40 00			UINT16 R/O	
This is the group of hardware of the current product						
SW_GROUP	3x65202 4x65202 I:65201	1,0x0001 B:00 01			UINT16 R/O	
This is the group of software of the current product						
SW_VERSION	3x65203 4x65203 I:65202	4608,0x1200 B:12 00			UINT16 R/O	
SW VERSION:1.2.0						

This is the current software version of the firmware

SW_AUTHOR	3x65204 4x65204 l:65203	18771,0x4953 B:49 53			UINT16 R/O	
-----------	-------------------------------	-------------------------	--	--	---------------	--

This is the current software author of the firmware

MODBUS SETTINGS

UNIT_ID	3x65222 4x65222 l:65221	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	NO
		UNIT ID:0				

If the host reads this register, the current programmed unit ID is returned. All values above unit ID 255 define also the unit ID 255.

If the host write a new value into this register, the new value will be stored in the FLASH as the new unit ID. The new unit ID is activated after a power off/power on cycle or a software reboot of the module.

The host can execute a reboot in writing to the register RESET SYSTEM.

NOTE:DIP switch 4 must set to OFF to activate this unit ID, otherwise the unit ID is 255.

HINT:This settings will be active after you repower or reset your device !!

BAUD_RATE	3x65223 4x65223 l:65222	0,0x00000000 B:00 00 00 00	38400	38400	UINT32 R/W	NO
		0Bd	ENTER BAUD RATE			

This is the current configured baud rate in the FLASH

For ULTRA SLIM IOs RESI-xxx-SIO: This baudrate is only used, if DIP switch mode DIP1=ON+DIP2=ON (BR) (default is 57600bd)

For BIG IOs RESI-xxx-SIO: This baudrate is only used, if DIP switch mode DIP7=ON (PARAMETER) (default is 57600bd)

Valid baud rates are:

300bd, 600bd, 900bd, 1200bd, 2400bd, 4800bd,
9600bd, 19200bd, 38400bd, 57600bd, 115200bd, 128000bd
230400bd, 250000bd, 256000bd

HINT:This settings will be active after you repower or reset your device !!

PARITY	3x65225 4x65225 l:65224	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	NO
		NO PARITY	SELECT PARITY			

If the register is read out, the currently set parity of the serial interface is returned.

Writing a value to this register will change the new parity in FLASH. This will only take effect after a restart of the module. This can be triggered by writing to the RESET SYSTEM register.

Parity values are

0: no parity
1: even parity
2: odd parity

STOP BITS	3x65226 4x65226 l:65225	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	NO
		ONE STOPBIT	SELECT STOPBITS			

If the register is read out, the currently set number of stop bits of the serial interface is returned.

Writing a value to this register will change the new number of stop bits in the FLASH. This will only take effect after a restart of the module. This can be triggered by writing to the RESET SYSTEM register.

Values for stop bits are

1: one stop bit

2: two stop bits

SOFTWARE RESET

RESET	1x65536 2x65536 l:65535	0,0x00 B:00		N/A:NO CHANGE	BIT R/W	NO
Performs a software reset, whenever 1 is written to this register. If the host writes to this register 1, the module executes a soft reset (reboot).						
RESET	3x65536 4x65535 l:65535	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	NO
Performs a software reset, whenever 1 is written to this register. If the host writes to this register 1, the module executes a soft reset (reboot).						

GET VERSION	ASCII READ COMMAND	#VERSION<CR> #VER<CR> Result: #VERSION:<VersionHi>,<VersionMed>,<VersionLo><CR>	ASCII	
	TX	#VERSION<CR>		
	RX	#255,VERSION:1.1.1<CR>		
		Current SW version:1.1.1		
Returns the version number of the module VersionHi: Version number high (1..255) VersionMed: Version number medium (1..255) VersionLo: Version number low (1..255)				
GET TYPE	ASCII READ COMMAND	#TYPE<CR> #TYP<CR> Result: #TYPE:<Type><CR>	ASCII	
	TX	#TYPE<CR>		
	RX	#255,TYPE:RESI-14RI-ETH<CR>		
		Current module type:RESI-14RI-ETH		
Returns the current module type				
GET OWNER	ASCII READ COMMAND	#OWNER<CR> #OWN<CR> Result: #OWNER:<Owner><CR>	ASCII	
	TX	#OWNER<CR>		
	RX	#255,OWNER:RESI<CR>		
		Current owner:RESI		
Returns the current owner of the module				
GET CREATOR	ASCII READ COMMAND	#CREATOR<CR> #CRE<CR> Result: #CREATOR:<Creator><CR>	ASCII	
	TX	#CREATOR<CR>		
	RX	#255,CREATOR:DI HC SIGL,MSC<CR>		
		Current creator:DI HC SIGL,MSC		
Returns the current creator of the module				
GET COPYRIGHT	ASCII READ COMMAND	#COPYRIGHT<CR> #COPY<CR> Result: #COPYRIGHT:<Copyright><CR>	ASCII	
	TX	#COPYRIGHT<CR>		
	RX	#255,COPYRIGHT:2015-2022 BY RESI AND DI HC SIGL,MSC WWW.RESI.CC<CR>		
		Current copyright:2015-2022 BY RESI AND DI HC SIGL,MSC WWW.RESI.CC		
Returns the current copyright of the module				

GET SERIAL NUMBER	ASCII READ COMMAND	#SERIAL NUMBER<CR> #SN<CR> Result: #SN:<Serial><CR>	ASCII	
	TX	#SERIAL NUMBER<CR>		
	RX	#255,<CR>		
		Current serial number:????		
Returns the current serial number of the module				
GET INTERNAL STATUS	ASCII READ COMMAND	#INTERNAL STATUS<CR> #INTSTAT<CR> Result: #INTSTAT:<Status><CR>	ASCII	
	TX	#INTERNAL STATUS<CR>		
	RX	#255,<CR>		
Returns the device specific internal status				
GET DIP SWITCH	ASCII READ COMMAND	#GET DIP<CR> #GDIP<CR> Result: #GDIP:<DIPSwitchDec>,<DIPSwitchHex><CR>	ASCII	
	TX	#GET DIP<CR>		
	RX	#255,GDIP:1,0x1<CR>		
		Current DIP SWITCH settings:0000.0001		
Returns the current setting of the Dip switches as decimal number and as hexadecimal number. DIPSwitchDec DIPSwitchHex The current value of the DIP switches: Bit 0: DIP Switch 1 (=0:OFF, =1:ON) Bit 1: DIP Switch 2 (=0:OFF, =1:ON) Bit 2: DIP Switch 3 (=0:OFF, =1:ON) Bit 3: DIP Switch 4 (=0:OFF, =1:ON) Bit 4: DIP Switch 5, if available (=0:OFF, =1:ON) Bit 5: DIP Switch 6, if available (=0:OFF, =1:ON) Bit 6: DIP Switch 7, if available (=0:OFF, =1:ON) Bit 7: DIP Switch 8, if available (=0:OFF, =1:ON)				
ASCII COMMANDS				
SET MODBUS ADDRESS	ASCII WRITE COMMAND	#SET MODBUS ADDRESS:<UNITID><CR> #SMBADR:<UNITID><CR> Result: #OK<CR>	ASCII	NO
	UNITID	1		
	TX	#SET MODBUS ADDRESS:1<CR>		
	RX	N/A		
Redefines the unit ID of the module. This change will affect the MODBUS/RTU communication immediately. As a Unit IO you can use the values 0dec to 255dec. HINT: The new settings are activated after a system reboot or power off on cycle!				

SET MODBUS BAUDRATE	ASCII WRITE COMMAND	#SET MODBUS BAUDRATE:<BAUD><CR> #SMBBAUD:<BAUD><CR> Result: #OK<CR>	ASCII	NO
	BAUD	57600:57600BD		
	TX	#SET MODBUS BAUDRATE:57600<CR>		
	RX	N/A		
<p>Sets a new baud rate in the FLASH For ULTRA SLIM IOs RESI-xxx-SIO: This baudrate is only used, if DIP switch mode DIP1=ON+DIP2=ON (BR) (default is 57600bd) For BIG IOs RESI-xxx-SIO: This baudrate is only used, if DIP switch mode DIP7=ON (PARAMETER) (default is 57600bd) The following baudrates are allowed: 300bd, 600bd, 900bd, 1200bd, 2400bd, 4800bd, 9600bd, 19200bd, 38400bd, 57600bd, 115200bd, 128000bd 230400bd, 250000bd, 256000bd</p> <p>HINT: The new setup parameters will be active after a restart of the module.</p>				
SET MODBUS PARITY	ASCII WRITE COMMAND	#SET MODBUS PARITY:<PARITY><CR> #SMBPAR:<PARITY><CR> Result: #OK<CR>	ASCII	NO
	PARITY	NONE:NO PARITY		
	TX	#SET MODBUS PARITY:NONE<CR>		
	RX	N/A		
<p>Sets a new parity for the serial interface. MBParity: NONE: no parity EVEN: even parity ODD: odd parity</p> <p>HINT: The new setup parameters will be active after a restart of the module.</p>				
SET MODBUS STOPS	ASCII WRITE COMMAND	#SET MODBUS STOP:<STOPBIT><CR> #SMBSTOP:<STOPBIT><CR> Result: #OK<CR>	ASCII	NO
	STOPBIT	ONE:ONE STOPBIT		
	TX	#SET MODBUS STOP:ONE<CR>		
	RX	N/A		
<p>Sets a new amount of stop bits for the serial interface. MBStops ONE: one stop bit TWO: two stop bits</p> <p>HINT: The new setup parameters will be active after a restart of the module.</p>				

SET MODBUS PARAMS	ASCII WRITE COMMAND	#SET MODBUS PARAMS:<UNITID>,<BAUD>,<PARITY>,<STOPBIT><CR> #SMBPARAMS:<UNITID>,<BAUD>,<PARITY>,<STOPBIT><CR> Result: #OK<CR>	ASCII	YES
	UNITID	3		
	BAUD	115200:115200BD		
	PARITY	EVEN:EVEN PARITY		
	STOPBIT	TWO:TWO STOPBITS		
	TX	#SET MODBUS PARAMS:3,115200,EVEN,TWO<CR>		
	RX	N/A		
Sets all parameters for serial interface				
GET MODBUS ADDRESS	ASCII READ COMMAND	#GET MODBUS ADDRESS<CR> #GMBADR<CR> Result: #GMBADR:<MBUnitDec>,<MBFLASHDec>,<MBUnitHex>,<MBFLASHHex><CR>	ASCII	
	TX	#GET MODBUS ADDRESS<CR>		
	RX	#255,GMBADR:1,1,0x1,0x1<CR>		
		Current MODBUS unit ID:1,1,0x1,0x1		
Shows the current used MODBUS/RTU or ASCII unit address and shows also the stored unit address in the FLASH memory, which is only used if the DIP switch for the bus address is set to 0. MBUnitDec,MBUnitHex The current used MODBUS/RTU unit or ASCII address for communication MBFLASHDec,MBFLASHHex The internal stored MODBUS/RTU unit address or ASCII address from the FLASH memory, if the DIP switch DIP3 is OFF.				
GET MODBUS BAUDRATE	ASCII READ COMMAND	#GET MODBUS BAUDRATE<CR> #GMBBAUD<CR> Result: #GMBBAUD:<BaudRate><CR>	ASCII	
	TX	#GET MODBUS BAUDRATE<CR>		
	RX	#255,GMBBAUD:57600,0xE100<CR>		
		Current baudrate:57600,0xE100		
This is the current configured baud rate in the FLASH For ULTRA SLIM IOs RESI-xxx-SIO: This baudrate is only used, if DIP switch mode DIP1=ON+DIP2=ON (BR) (default is 57600bd) For BIG IOs RESI-xxx-SIO: This baudrate is only used, if DIP switch mode DIP7=ON (PARAMETER) (default is 57600bd) The following baudrates are allowed: 300bd, 600bd, 900bd, 1200bd, 2400bd, 4800bd, 9600bd, 19200bd, 38400bd, 57600bd, 115200bd, 128000bd 230400bd, 250000bd, 256000bd				
GET MODBUS PARITY	ASCII READ COMMAND	#GET MODBUS PARITY<CR> #GMBPAR<CR> Result: #GMBPAR:<MBParity><CR>	ASCII	
	TX	#GET MODBUS PARITY<CR>		
	RX	#255,GMBPAR:NONE<CR>		
		Current parity:NONE		

Shows the current configured parity of the serial interface.

MBParity
NONE: no parity
EVEN: even parity
ODD: odd parity

GET MODBUS STOP	ASCII READ COMMAND	#GET MODBUS STOP<CR> #GMBSTOP<CR> Result: #GMBSTOP:<MBStop><CR>	ASCII	
	TX	#GET MODBUS STOP<CR>		
	RX	#255,GMBSTOP:ONE<CR>		
		Current stopbit(s):ONE		

Shows the current configured parity of the serial interface.

MBParity
NONE: no parity
EVEN: even parity
ODD: odd parity

GET MODBUS PARAMS	ASCII READ COMMAND	#GET MODBUS PARAMS<CR> #GMBPARAMS<CR> Result: #GMBPARAMS:<MBUnitDec>,<MBFLASHDec>,<MBUnitHex>,<MBFLASHHex>,<MBBaudrateDec>,<MBBaudrateHex>,<MBParity>,<MBStops><CR>	ASCII	
	TX	#GET MODBUS PARAMS<CR>		
	RX	#255,GMBPARAMS:1,0x1,1,0x1,57600,0xE100,NONE,ONE<CR>		
		Current MODBUS unit ID used:1		
		Current MODBUS unit ID in FLASH:1		
		Current baudrate in FLASH:57600		
		Current parity in FLASH:NONE		
		Current stopbit(s) in FLASH:ONE		

Returns the complete settings for serial interface

ASCII COMMANDS

RESET	ASCII WRITE COMMAND	#RESET<CR> #RST<CR> Result: #OK<CR>	ASCII	NO
	TX	#RESET<CR>		
	RX	N/A		

Executes a software reset (Reboot) of the module.

FACTORY RESET	ASCII WRITE COMMAND	#FACTORY RESET<CR> #FRST<CR> Result: #OK<CR>	ASCII	NO
	TX	#FACTORY RESET<CR>		
	RX	N/A		

Executes a factory reset of the module. This command sets all stored values to default values. A reboot is necessary.

RAW ANALOG OUTPUT1	3x00001 4x00001 I:0	32767,0x7FFF B:7F FF		SINT16 R/O	
Current value of the analog output AOx as value between -32768 and +32767. -32768 or 0x8000:-10.24V 0 or 0x0000: 0V +32767 or 0x7FFF:+10.24V					
RAW ANALOG OUTPUT2	3x00002 4x00002 I:1	24575,0x5FFF B:5F FF		SINT16 R/O	
RAW ANALOG OUTPUT3	3x00003 4x00003 I:2	16383,0x3FFF B:3F FF		SINT16 R/O	
RAW ANALOG OUTPUT4	3x00004 4x00004 I:3	8191,0x1FFF B:1F FF		SINT16 R/O	
RAW ANALOG OUTPUT5	3x00005 4x00005 I:4	32767,0x7FFF B:7F FF		SINT16 R/O	
RAW ANALOG OUTPUT6	3x00006 4x00006 I:5	24575,0x5FFF B:5F FF		SINT16 R/O	
RAW ANALOG OUTPUT7	3x00007 4x00007 I:6	16383,0x3FFF B:3F FF		SINT16 R/O	
RAW ANALOG OUTPUT8	3x00008 4x00008 I:7	8191,0x1FFF B:1F FF		SINT16 R/O	
RAW ANALOG OUTPUT9	3x00009 4x00009 I:8	32767,0x7FFF B:7F FF		SINT16 R/O	
RAW ANALOG OUTPUT10	3x00010 4x00010 I:9	24575,0x5FFF B:5F FF		SINT16 R/O	
RAW ANALOG OUTPUT11	3x00011 4x00011 I:10	16383,0x3FFF B:3F FF		SINT16 R/O	

RAW ANALOG OUTPUT12	3x00012 4x00012 I:11	8191,0x1FFF B:1F FF			SINT16 R/O	
ANALOG OUTPUTS:Percentage value						
WRITTEN PERCENT ANALOG OUTPUT1	3x00101 4x00101 I:100	10000,0x2710 B:27 10			SINT16 R/O	
Current written percent on AOx:100%						
Current value of the written analog output AOx from the host as percentage with 2 decimal places (percentage value * 100) between -10000 and +10000. -10240:-10.24V 0:0V +10240:+10.24V						
WRITTEN PERCENT ANALOG OUTPUT2	3x00102 4x00102 I:101	7500,0x1D4C B:1D 4C			SINT16 R/O	
Current written percent on AOx:75%						
WRITTEN PERCENT ANALOG OUTPUT3	3x00103 4x00103 I:102	5000,0x1388 B:13 88			SINT16 R/O	
Current written percent on AOx:50%						
WRITTEN PERCENT ANALOG OUTPUT4	3x00104 4x00104 I:103	2500,0x09C4 B:09 C4			SINT16 R/O	
Current written percent on AOx:25%						
WRITTEN PERCENT ANALOG OUTPUT5	3x00105 4x00105 I:104	7500,0x1D4C B:1D 4C			SINT16 R/O	
Current written percent on AOx:75%						
WRITTEN PERCENT ANALOG OUTPUT6	3x00106 4x00106 I:105	5000,0x1388 B:13 88			SINT16 R/O	
Current written percent on AOx:50%						
WRITTEN PERCENT ANALOG OUTPUT7	3x00107 4x00107 I:106	2500,0x09C4 B:09 C4			SINT16 R/O	
Current written percent on AOx:25%						
WRITTEN PERCENT ANALOG OUTPUT8	3x00108 4x00108 I:107	7500,0x1D4C B:1D 4C			SINT16 R/O	
Current written percent on AOx:75%						
WRITTEN PERCENT ANALOG OUTPUT9	3x00109 4x00109 I:108	5000,0x1388 B:13 88			SINT16 R/O	
Current written percent on AOx:50%						

WRITTEN PERCENT ANALOG OUTPUT10	3x00110 4x00110 I:109	2500,0x09C4 B:09 C4			SINT16 R/O	
		Current written percent on AOx:25%				
WRITTEN PERCENT ANALOG OUTPUT11	3x00111 4x00111 I:110	5000,0x1388 B:13 88			SINT16 R/O	
		Current written percent on AOx:50%				
WRITTEN PERCENT ANALOG OUTPUT12	3x00112 4x00112 I:111	2500,0x09C4 B:09 C4			SINT16 R/O	
		Current written percent on AOx:25%				
ANALOG OUTPUTS:Percentage value						
PERCENT ANALOG OUTPUT1	3x00113 4x00113 I:112	10000,0x2710 B:27 10	10000	100,00	SINT16 R/W	NO
		Current percent on AO1:100%				
Current value of the analog output AOx as percentage with 2 decimal places (percentage value * 100) between -10000 and +10000. -10240:-10.24V 0:0V +10240:+10.24V						
PERCENT ANALOG OUTPUT2	3x00114 4x00114 I:113	7499,0x1D4B B:1D 4B	7500	75,00	SINT16 R/W	NO
		Current percent on AO2:74,99%				
PERCENT ANALOG OUTPUT3	3x00115 4x00115 I:114	4999,0x1387 B:13 87	5000	50,00	SINT16 R/W	NO
		Current percent on AO3:49,99%				
PERCENT ANALOG OUTPUT4	3x00116 4x00116 I:115	2499,0x09C3 B:09 C3	2500	25,00	SINT16 R/W	NO
		Current percent on AO4:24,99%				
PERCENT ANALOG OUTPUT5	3x00117 4x00117 I:116	10000,0x2710 B:27 10	10000	100,00	SINT16 R/W	NO
		Current percent on AO5:100%				
PERCENT ANALOG OUTPUT6	3x00118 4x00118 I:117	7499,0x1D4B B:1D 4B	7500	75,00	SINT16 R/W	NO
		Current percent on AO6:74,99%				
PERCENT ANALOG OUTPUT7	3x00119 4x00119 I:118	4999,0x1387 B:13 87	5000	50,00	SINT16 R/W	NO
		Current percent on AO7:49,99%				

PERCENT ANALOG OUTPUT8	3x00120 4x00120 I:119	2499,0x09C3 B:09 C3	2500	25,00	SINT16 R/W	NO	
		Current percent on AO8:24,99%					
PERCENT ANALOG OUTPUT9	3x00121 4x00121 I:120	10000,0x2710 B:27 10	10000	100,00	SINT16 R/W	NO	
		Current percent on AO9:100%					
PERCENT ANALOG OUTPUT10	3x00122 4x00122 I:121	7499,0x1D4B B:1D 4B	7500	75,00	SINT16 R/W	NO	
		Current percent on AO10:74,99%					
PERCENT ANALOG OUTPUT11	3x00123 4x00123 I:122	4999,0x1387 B:13 87	5000	50,00	SINT16 R/W	NO	
		Current percent on AO11:49,99%					
PERCENT ANALOG OUTPUT12	3x00124 4x00124 I:123	2499,0x09C3 B:09 C3	2500	25,00	SINT16 R/W	NO	
		Current percent on AO12:24,99%					
ANALOG OUTPUTS:Voltage value							
WRITTEN VOLTAGE ANALOG OUTPUT1	3x00201 4x00201 I:200	10000,0x2710 B:27 10	100	10,000	SINT16 R/W	NO	
		Current written voltage on AO1:10V					
Current value of the written analog output AOx from the host as voltage value with 3 decimal places (voltage value * 1000) between -10240mV and +10240mV. -10240:-10.24V 0:0V +10240:+10.24V							
WRITTEN VOLTAGE ANALOG OUTPUT2	3x00202 4x00202 I:201	7500,0x1D4C B:1D 4C	75	7,500	SINT16 R/W	NO	
		Current written voltage on AO2:7,5V					
Current value of the written analog output AOx from the host as voltage value with 3 decimal places (voltage value * 1000) between -10240mV and +10240mV. -10240:-10.24V 0:0V +10240:+10.24V							
WRITTEN VOLTAGE ANALOG OUTPUT3	3x00203 4x00203 I:202	5000,0x1388 B:13 88	50	5,000	SINT16 R/W	NO	
		Current written voltage on AO3:5V					
WRITTEN VOLTAGE ANALOG OUTPUT4	3x00204 4x00204 I:203	2500,0x09C4 B:09 C4	25	2,500	SINT16 R/W	NO	
		Current written voltage on AO4:2,5V					

WRITTEN VOLTAGE ANALOG OUTPUT5	3x00205 4x00205 I:204	10000,0x2710 B:27 10	100	10,000	SINT16 R/W	NO	
		Current written voltage on AO5:10V					
WRITTEN VOLTAGE ANALOG OUTPUT6	3x00206 4x00206 I:205	7500,0x1D4C B:1D 4C	75	7,500	SINT16 R/W	NO	
		Current written voltage on AO6:7,5V					
WRITTEN VOLTAGE ANALOG OUTPUT7	3x00207 4x00207 I:206	5000,0x1388 B:13 88	50	5,000	SINT16 R/W	NO	
		Current written voltage on AO7:5V					
WRITTEN VOLTAGE ANALOG OUTPUT8	3x00208 4x00208 I:207	2500,0x09C4 B:09 C4	25	2,500	SINT16 R/W	NO	
		Current written voltage on AO8:2,5V					
WRITTEN VOLTAGE ANALOG OUTPUT9	3x00209 4x00209 I:208	10000,0x2710 B:27 10	100	10,000	SINT16 R/W	NO	
		Current written voltage on AO9:10V					
WRITTEN VOLTAGE ANALOG OUTPUT10	3x00210 4x00210 I:209	7500,0x1D4C B:1D 4C	75	7,500	SINT16 R/W	NO	
		Current written voltage on AO10:7,5V					
WRITTEN VOLTAGE ANALOG OUTPUT11	3x00211 4x00211 I:210	5000,0x1388 B:13 88	50	5,000	SINT16 R/W	NO	
		Current written voltage on AO11:5V					
WRITTEN VOLTAGE ANALOG OUTPUT12	3x00212 4x00212 I:211	2500,0x09C4 B:09 C4	25	2,500	SINT16 R/W	NO	
		Current written voltage on AO12:2,5V					
ANALOG OUTPUTS:Voltage value							
VOLTAGE ANALOG OUTPUT1	3x00213 4x00213 I:212	10000,0x2710 B:27 10	100	10,000	SINT16 R/W	NO	
		Current voltage on AO1:10V					
Current value of the analog output AOx as voltage value with 3 decimal places (voltage value * 1000) between -10240mV and +10240mV. -10240:-10.24V 0:0V +10240:+10.24V							
VOLTAGE ANALOG OUTPUT2	3x00214 4x00214 I:213	7500,0x1D4C B:1D 4C	75	7,500	SINT16 R/W	NO	
		Current voltage on AO2:7,5V					

VOLTAGE ANALOG OUTPUT3	3x00215 4x00215 I:214	5000,0x1388 B:13 88	50	5,000	SINT16 R/W	NO	
		Current voltage on AO3:5V					
VOLTAGE ANALOG OUTPUT4	3x00216 4x00216 I:215	2500,0x09C4 B:09 C4	25	2,500	SINT16 R/W	NO	
		Current voltage on AO4:2,5V					
VOLTAGE ANALOG OUTPUT5	3x00217 4x00217 I:216	10000,0x2710 B:27 10	100	10,000	SINT16 R/W	NO	
		Current voltage on AO5:10V					
VOLTAGE ANALOG OUTPUT6	3x00218 4x00218 I:217	7500,0x1D4C B:1D 4C	75	7,500	SINT16 R/W	NO	
		Current voltage on AO6:7,5V					
VOLTAGE ANALOG OUTPUT7	3x00219 4x00219 I:218	5000,0x1388 B:13 88	50	5,000	SINT16 R/W	NO	
		Current voltage on AO7:5V					
VOLTAGE ANALOG OUTPUT8	3x00220 4x00220 I:219	2500,0x09C4 B:09 C4	25	2,500	SINT16 R/W	NO	
		Current voltage on AO8:2,5V					
VOLTAGE ANALOG OUTPUT9	3x00221 4x00221 I:220	10000,0x2710 B:27 10	100	10,000	SINT16 R/W	NO	
		Current voltage on AO9:10V					
VOLTAGE ANALOG OUTPUT10	3x00222 4x00222 I:221	7500,0x1D4C B:1D 4C	75	7,500	SINT16 R/W	NO	
		Current voltage on AO10:7,5V					
VOLTAGE ANALOG OUTPUT11	3x00223 4x00223 I:222	5000,0x1388 B:13 88	50	5,000	SINT16 R/W	NO	
		Current voltage on AO11:5V					
VOLTAGE ANALOG OUTPUT12	3x00224 4x00224 I:223	2500,0x09C4 B:09 C4	25	2,500	SINT16 R/W	NO	
		Current voltage on AO12:2,5V					
ANALOG OUTPUTS:Percentage value							
PERCENT ANALOG OUTPUT1	3x00301 4x00301 I:300	1000000,0x000F4240 B:00 0F 42 40			SINT32 R/O		
		Current percent on AO1:100%					

Current value of the analog output AOx as percentage with 4 decimal places (percentage value * 10000) between -1000000 and +1000000.

-1024000:-10.24V

0:0V

+1024000:+10.24V

PERCENT ANALOG OUTPUT2	3x00303 4x00303 I:302	749992,0x000B71A8 B:00 0B 71 A8			SINT32 R/O		
		Current percent on AO2:74,9992%					
PERCENT ANALOG OUTPUT3	3x00305 4x00305 I:304	499984,0x0007A110 B:00 07 A1 10			SINT32 R/O		
		Current percent on AO3:49,9984%					
PERCENT ANALOG OUTPUT4	3x00307 4x00307 I:306	249977,0x0003D079 B:00 03 D0 79			SINT32 R/O		
		Current percent on AO4:24,9977%					
PERCENT ANALOG OUTPUT5	3x00309 4x00309 I:308	1000000,0x000F4240 B:00 0F 42 40			SINT32 R/O		
		Current percent on AO5:100%					
PERCENT ANALOG OUTPUT6	3x00311 4x00311 I:310	749992,0x000B71A8 B:00 0B 71 A8			SINT32 R/O		
		Current percent on AO6:74,9992%					
PERCENT ANALOG OUTPUT7	3x00313 4x00313 I:312	499984,0x0007A110 B:00 07 A1 10			SINT32 R/O		
		Current percent on AO7:49,9984%					
PERCENT ANALOG OUTPUT8	3x00315 4x00315 I:314	249977,0x0003D079 B:00 03 D0 79			SINT32 R/O		
		Current percent on AO8:24,9977%					
PERCENT ANALOG OUTPUT9	3x00317 4x00317 I:316	1000000,0x000F4240 B:00 0F 42 40			SINT32 R/O		
		Current percent on AO9:100%					
PERCENT ANALOG OUTPUT10	3x00319 4x00319 I:318	749992,0x000B71A8 B:00 0B 71 A8			SINT32 R/O		
		Current percent on AO10:74,9992%					
PERCENT ANALOG OUTPUT11	3x00321 4x00321 I:320	499984,0x0007A110 B:00 07 A1 10			SINT32 R/O		
		Current percent on AO11:49,9984%					
PERCENT ANALOG OUTPUT12	3x00323 4x00323 I:322	249977,0x0003D079 B:00 03 D0 79			SINT32 R/O		

		Current percent on AO12:24,9977%				
ANALOG OUTPUTS:Percentage value						
PERCENT ANALOG OUTPUT1	3x00401 4x00401 I:400	1000000,0x000F4240 B:42 40 00 0F			SINT32R R/O	
		Current percent on AO1:100%				
Current value of the analog output AOx as percentage with 4 decimal places (percentage value * 10000) between -1000000 and +1000000. -1024000:-10.24V 0:0V +1024000:+10.24V						
PERCENT ANALOG OUTPUT2	3x00403 4x00403 I:402	749992,0x000B71A8 B:71 A8 00 0B			SINT32R R/O	
		Current percent on AO2:74,9992%				
PERCENT ANALOG OUTPUT3	3x00405 4x00405 I:404	499984,0x0007A110 B:A1 10 00 07			SINT32R R/O	
		Current percent on AO3:49,9984%				
PERCENT ANALOG OUTPUT4	3x00407 4x00407 I:406	249977,0x0003D079 B:D0 79 00 03			SINT32R R/O	
		Current percent on AO4:24,9977%				
PERCENT ANALOG OUTPUT5	3x00409 4x00409 I:408	1000000,0x000F4240 B:42 40 00 0F			SINT32R R/O	
		Current percent on AO5:100%				
PERCENT ANALOG OUTPUT6	3x00411 4x00411 I:410	749992,0x000B71A8 B:71 A8 00 0B			SINT32R R/O	
		Current percent on AO6:74,9992%				
PERCENT ANALOG OUTPUT7	3x00413 4x00413 I:412	499984,0x0007A110 B:A1 10 00 07			SINT32R R/O	
		Current percent on AO7:49,9984%				
PERCENT ANALOG OUTPUT8	3x00415 4x00415 I:414	249977,0x0003D079 B:D0 79 00 03			SINT32R R/O	
		Current percent on AO8:24,9977%				
PERCENT ANALOG OUTPUT9	3x00417 4x00417 I:416	1000000,0x000F4240 B:42 40 00 0F			SINT32R R/O	
		Current percent on AO9:100%				
PERCENT ANALOG OUTPUT10	3x00419 4x00419 I:418	749992,0x000B71A8 B:71 A8 00 0B			SINT32R R/O	
		Current percent on AO10:74,9992%				

PERCENT ANALOG OUTPUT11	3x00421 4x00421 I:420	499984,0x0007A110 B:A1 10 00 07			SINT32R R/O	
		Current percent on AO11:49,9984%				
PERCENT ANALOG OUTPUT12	3x00423 4x00423 I:422	249977,0x0003D079 B:D0 79 00 03			SINT32R R/O	
		Current percent on AO12:24,9977%				
ANALOG OUTPUTS:Voltage value						
VOLTAGE ANALOG OUTPUT1	3x00501 4x00501 I:500	1000000,0x000F4240 B:00 0F 42 40			SINT32 R/O	
		Current voltage on AO1:10V				
Current value of the analog output AOx voltage value with 5 decimal places (voltage value * 100000) between -1024000 and +1024000. -1024000:-10.24V 0:0V +1024000:+10.24V						
VOLTAGE ANALOG OUTPUT2	3x00503 4x00503 I:502	749992,0x000B71A8 B:00 0B 71 A8			SINT32 R/O	
		Current voltage on AO2:7,49992V				
VOLTAGE ANALOG OUTPUT3	3x00505 4x00505 I:504	499984,0x0007A110 B:00 07 A1 10			SINT32 R/O	
		Current voltage on AO3:4,99984V				
VOLTAGE ANALOG OUTPUT4	3x00507 4x00507 I:506	249977,0x0003D079 B:00 03 D0 79			SINT32 R/O	
		Current voltage on AO4:2,49977V				
VOLTAGE ANALOG OUTPUT5	3x00509 4x00509 I:508	1000000,0x000F4240 B:00 0F 42 40			SINT32 R/O	
		Current voltage on AO5:10V				
VOLTAGE ANALOG OUTPUT6	3x00511 4x00511 I:510	749992,0x000B71A8 B:00 0B 71 A8			SINT32 R/O	
		Current voltage on AO6:7,49992V				
VOLTAGE ANALOG OUTPUT7	3x00513 4x00513 I:512	499984,0x0007A110 B:00 07 A1 10			SINT32 R/O	
		Current voltage on AO7:4,99984V				
VOLTAGE ANALOG OUTPUT8	3x00515 4x00515 I:514	249977,0x0003D079 B:00 03 D0 79			SINT32 R/O	
		Current voltage on AO8:2,49977V				

VOLTAGE ANALOG OUTPUT9	3x00517 4x00517 I:516	1000000,0x000F4240 B:00 0F 42 40			SINT32 R/O	
		Current voltage on AO9:10V				
VOLTAGE ANALOG OUTPUT10	3x00519 4x00519 I:518	749992,0x000B71A8 B:00 0B 71 A8			SINT32 R/O	
		Current voltage on AO10:7,49992V				
VOLTAGE ANALOG OUTPUT11	3x00521 4x00521 I:520	499984,0x0007A110 B:00 07 A1 10			SINT32 R/O	
		Current voltage on AO11:4,99984V				
VOLTAGE ANALOG OUTPUT12	3x00523 4x00523 I:522	249977,0x0003D079 B:00 03 D0 79			SINT32 R/O	
		Current voltage on AO12:2,49977V				
ANALOG OUTPUTS:Voltage value						
VOLTAGE ANALOG OUTPUT1	3x00601 4x00601 I:600	1000000,0x000F4240 B:42 40 00 0F			SINT32R R/O	
		Current voltage on AO1:10V				
Current value of the analog output AOx voltage value with 5 decimal places (voltage value * 100000) between -1024000 and +1024000. -1024000:-10.24V 0:0V +1024000:+10.24V						
VOLTAGE ANALOG OUTPUT2	3x00603 4x00603 I:602	749992,0x000B71A8 B:71 A8 00 0B			SINT32R R/O	
		Current voltage on AO2:7,49992V				
VOLTAGE ANALOG OUTPUT3	3x00605 4x00605 I:604	499984,0x0007A110 B:A1 10 00 07			SINT32R R/O	
		Current voltage on AO3:4,99984V				
VOLTAGE ANALOG OUTPUT4	3x00607 4x00607 I:606	249977,0x0003D079 B:D0 79 00 03			SINT32R R/O	
		Current voltage on AO4:2,49977V				
VOLTAGE ANALOG OUTPUT5	3x00609 4x00609 I:608	1000000,0x000F4240 B:42 40 00 0F			SINT32R R/O	
		Current voltage on AO5:10V				
VOLTAGE ANALOG OUTPUT6	3x00611 4x00611 I:610	749992,0x000B71A8 B:71 A8 00 0B			SINT32R R/O	
		Current voltage on AO6:7,49992V				

VOLTAGE ANALOG OUTPUT7	3x00613 4x00613 I:612	499984,0x0007A110 B:A1 10 00 07			SINT32R R/O	
		Current voltage on AO7:4,99984V				
VOLTAGE ANALOG OUTPUT8	3x00615 4x00615 I:614	249977,0x0003D079 B:D0 79 00 03			SINT32R R/O	
		Current voltage on AO8:2,49977V				
VOLTAGE ANALOG OUTPUT9	3x00617 4x00617 I:616	1000000,0x000F4240 B:42 40 00 0F			SINT32R R/O	
		Current voltage on AO9:10V				
VOLTAGE ANALOG OUTPUT10	3x00619 4x00619 I:618	749992,0x000B71A8 B:71 A8 00 0B			SINT32R R/O	
		Current voltage on AO10:7,49992V				
VOLTAGE ANALOG OUTPUT11	3x00621 4x00621 I:620	499984,0x0007A110 B:A1 10 00 07			SINT32R R/O	
		Current voltage on AO11:4,99984V				
VOLTAGE ANALOG OUTPUT12	3x00623 4x00623 I:622	249977,0x0003D079 B:D0 79 00 03			SINT32R R/O	
		Current voltage on AO12:2,49977V				
ANALOG OUTPUTS:Percentage value						
PERCENT ANALOG OUTPUT1	3x00701 4x00701 I:700	100.000000,0x42C80000 B:42 C8 00 00			FLOAT32 R/O	
		Current percent on AO1:100%				
Current value of the analog output AOx as percentage value between -100% and +100%. -102.4%:-10.24V 0%:0V +102.4%:+10.24V						
PERCENT ANALOG OUTPUT2	3x00703 4x00703 I:702	74.999237,0x4295FF9C B:42 95 FF 9C			FLOAT32 R/O	
		Current percent on AO2:74,999237%				
PERCENT ANALOG OUTPUT3	3x00705 4x00705 I:704	49.998474,0x4247FE70 B:42 47 FE 70			FLOAT32 R/O	
		Current percent on AO3:49,998474%				
PERCENT ANALOG OUTPUT4	3x00707 4x00707 I:706	24.997711,0x41C7FB50 B:41 C7 FB 50			FLOAT32 R/O	
		Current percent on AO4:24,997711%				

PERCENT ANALOG OUTPUT5	3x00709 4x00709 I:708	100.000000,0x42C80000 B:42 C8 00 00			FLOAT32 R/O	
		Current percent on AO5:100%				
PERCENT ANALOG OUTPUT6	3x00711 4x00711 I:710	74.999237,0x4295FF9C B:42 95 FF 9C			FLOAT32 R/O	
		Current percent on AO6:74,999237%				
PERCENT ANALOG OUTPUT7	3x00713 4x00713 I:712	49.998474,0x4247FE70 B:42 47 FE 70			FLOAT32 R/O	
		Current percent on AO7:49,998474%				
PERCENT ANALOG OUTPUT8	3x00715 4x00715 I:714	24.997711,0x41C7FB50 B:41 C7 FB 50			FLOAT32 R/O	
		Current percent on AO8:24,997711%				
PERCENT ANALOG OUTPUT9	3x00717 4x00717 I:716	100.000000,0x42C80000 B:42 C8 00 00			FLOAT32 R/O	
		Current percent on AO9:100%				
PERCENT ANALOG OUTPUT10	3x00719 4x00719 I:718	74.999237,0x4295FF9C B:42 95 FF 9C			FLOAT32 R/O	
		Current percent on AO10:74,999237%				
PERCENT ANALOG OUTPUT11	3x00721 4x00721 I:720	49.998474,0x4247FE70 B:42 47 FE 70			FLOAT32 R/O	
		Current percent on AO11:49,998474%				
PERCENT ANALOG OUTPUT12	3x00723 4x00723 I:722	24.997711,0x41C7FB50 B:41 C7 FB 50			FLOAT32 R/O	
		Current percent on AO12:24,997711%				
ANALOG OUTPUTS:Percentage value						
PERCENT ANALOG OUTPUT1	3x00801 4x00801 I:800	100.000000,0x42C80000 B:00 00 42 C8			FLOAT32R R/O	
		Current percent on AO1:100%				
Current value of the analog output AOx as percentage value between -100% and +100%. -102.4%:-10.24V 0%:0V +102.4%:+10.24V						
PERCENT ANALOG OUTPUT2	3x00803 4x00803 I:802	74.999237,0x4295FF9C B:FF 9C 42 95			FLOAT32R R/O	
		Current percent on AO2:74,999237%				

PERCENT ANALOG OUTPUT3	3x00805 4x00805 I:804	49.998474,0x4247FE70 B:FE 70 42 47			FLOAT32R R/O	
		Current percent on AO3:49,998474%				
PERCENT ANALOG OUTPUT4	3x00807 4x00807 I:806	24.997711,0x41C7FB50 B:FB 50 41 C7			FLOAT32R R/O	
		Current percent on AO4:24,997711%				
PERCENT ANALOG OUTPUT5	3x00809 4x00809 I:808	100.000000,0x42C80000 B:00 00 42 C8			FLOAT32R R/O	
		Current percent on AO5:100%				
PERCENT ANALOG OUTPUT6	3x00811 4x00811 I:810	74.999237,0x4295FF9C B:FF 9C 42 95			FLOAT32R R/O	
		Current percent on AO6:74,999237%				
PERCENT ANALOG OUTPUT7	3x00813 4x00813 I:812	49.998474,0x4247FE70 B:FE 70 42 47			FLOAT32R R/O	
		Current percent on AO7:49,998474%				
PERCENT ANALOG OUTPUT8	3x00815 4x00815 I:814	24.997711,0x41C7FB50 B:FB 50 41 C7			FLOAT32R R/O	
		Current percent on AO8:24,997711%				
PERCENT ANALOG OUTPUT9	3x00817 4x00817 I:816	100.000000,0x42C80000 B:00 00 42 C8			FLOAT32R R/O	
		Current percent on AO9:100%				
PERCENT ANALOG OUTPUT10	3x00819 4x00819 I:818	74.999237,0x4295FF9C B:FF 9C 42 95			FLOAT32R R/O	
		Current percent on AO10:74,999237%				
PERCENT ANALOG OUTPUT11	3x00821 4x00821 I:820	49.998474,0x4247FE70 B:FE 70 42 47			FLOAT32R R/O	
		Current percent on AO11:49,998474%				
PERCENT ANALOG OUTPUT12	3x00823 4x00823 I:822	24.997711,0x41C7FB50 B:FB 50 41 C7			FLOAT32R R/O	
		Current percent on AO12:24,997711%				
ANALOG OUTPUTS:Voltage value						
VOLTAGE ANALOG OUTPUT1	3x00901 4x00901 I:900	10.000000,0x41200000 B:41 20 00 00			FLOAT32 R/O	
		Current voltage on AO1:10V				

Current value of the analog output AOx voltage value between -10.24V and +10.24V.

-10.24:-10.24V
0:0V
+10.24:+10.24V

VOLTAGE ANALOG OUTPUT2	3x00903 4x00903 I:902	7.499924,0x40EFFF60 B:40 EF FF 60			FLOAT32 R/O		
		Current voltage on AO2:7,499924V					
VOLTAGE ANALOG OUTPUT3	3x00905 4x00905 I:904	4.999847,0x409FFEC0 B:40 9F FE C0			FLOAT32 R/O		
		Current voltage on AO3:4,999847V					
VOLTAGE ANALOG OUTPUT4	3x00907 4x00907 I:906	2.499771,0x401FFC40 B:40 1F FC 40			FLOAT32 R/O		
		Current voltage on AO4:2,499771V					
VOLTAGE ANALOG OUTPUT5	3x00909 4x00909 I:908	10.000000,0x41200000 B:41 20 00 00			FLOAT32 R/O		
		Current voltage on AO5:10V					
VOLTAGE ANALOG OUTPUT6	3x00911 4x00911 I:910	7.499924,0x40EFFF60 B:40 EF FF 60			FLOAT32 R/O		
		Current voltage on AO6:7,499924V					
VOLTAGE ANALOG OUTPUT7	3x00913 4x00913 I:912	4.999847,0x409FFEC0 B:40 9F FE C0			FLOAT32 R/O		
		Current voltage on AO7:4,999847V					
VOLTAGE ANALOG OUTPUT8	3x00915 4x00915 I:914	2.499771,0x401FFC40 B:40 1F FC 40			FLOAT32 R/O		
		Current voltage on AO8:2,499771V					
VOLTAGE ANALOG OUTPUT9	3x00917 4x00917 I:916	10.000000,0x41200000 B:41 20 00 00			FLOAT32 R/O		
		Current voltage on AO9:10V					
VOLTAGE ANALOG OUTPUT10	3x00919 4x00919 I:918	7.499924,0x40EFFF60 B:40 EF FF 60			FLOAT32 R/O		
		Current voltage on AO10:7,499924V					
VOLTAGE ANALOG OUTPUT11	3x00921 4x00921 I:920	4.999847,0x409FFEC0 B:40 9F FE C0			FLOAT32 R/O		
		Current voltage on AO11:4,999847V					
VOLTAGE ANALOG OUTPUT12	3x00923 4x00923 I:922	2.499771,0x401FFC40 B:40 1F FC 40			FLOAT32 R/O		

		Current voltage on AO12:2,499771V				
ANALOG OUTPUTS:Voltage value						
VOLTAGE ANALOG OUTPUT1	3x01001 4x01001 I:1000	10.000000,0x41200000 B:00 00 41 20			FLOAT32R R/O	
		Current voltage on AO1:10V				
Current value of the analog output AOx voltage value between -10.24V and +10.24V. -10.24:-10.24V 0:0V +10.24:+10.24V						
VOLTAGE ANALOG OUTPUT2	3x01003 4x01003 I:1002	7.499924,0x40EFFF60 B:FF 60 40 EF			FLOAT32R R/O	
		Current voltage on AO2:7,499924V				
VOLTAGE ANALOG OUTPUT3	3x01005 4x01005 I:1004	4.999847,0x409FFEC0 B:FE C0 40 9F			FLOAT32R R/O	
		Current voltage on AO3:4,999847V				
VOLTAGE ANALOG OUTPUT4	3x01007 4x01007 I:1006	2.499771,0x401FFC40 B:FC 40 40 1F			FLOAT32R R/O	
		Current voltage on AO4:2,499771V				
VOLTAGE ANALOG OUTPUT5	3x01009 4x01009 I:1008	10.000000,0x41200000 B:00 00 41 20			FLOAT32R R/O	
		Current voltage on AO5:10V				
VOLTAGE ANALOG OUTPUT6	3x01011 4x01011 I:1010	7.499924,0x40EFFF60 B:FF 60 40 EF			FLOAT32R R/O	
		Current voltage on AO6:7,499924V				
VOLTAGE ANALOG OUTPUT7	3x01013 4x01013 I:1012	4.999847,0x409FFEC0 B:FE C0 40 9F			FLOAT32R R/O	
		Current voltage on AO7:4,999847V				
VOLTAGE ANALOG OUTPUT8	3x01015 4x01015 I:1014	2.499771,0x401FFC40 B:FC 40 40 1F			FLOAT32R R/O	
		Current voltage on AO8:2,499771V				
VOLTAGE ANALOG OUTPUT9	3x01017 4x01017 I:1016	10.000000,0x41200000 B:00 00 41 20			FLOAT32R R/O	
		Current voltage on AO9:10V				
VOLTAGE ANALOG OUTPUT10	3x01019 4x01019 I:1018	7.499924,0x40EFFF60 B:FF 60 40 EF			FLOAT32R R/O	
		Current voltage on AO10:7,499924V				

VOLTAGE ANALOG OUTPUT11	3x01021 4x01021 I:1020	4.999847,0x409FFEC0 B:FE C0 40 9F			FLOAT32R R/O	
		Current voltage on AO11:4,999847V				
VOLTAGE ANALOG OUTPUT12	3x01023 4x01023 I:1022	2.499771,0x401FFC40 B:FC 40 40 1F			FLOAT32R R/O	
		Current voltage on AO12:2,499771V				
ANALOG OUTPUTS:Percentage value						
PERCENT ANALOG OUTPUT1	3x01101 4x01101 I:1100	100.000000,0x4059000000000000 B:40 59 00 00 00 00 00 00			DOUBLE64 R/O	
		Current percent on AO1:100%				
Current value of the analog output AOx as percentage value between -100% and +100%. -102.4%:-10.24V 0%:0V +1024%:+10.24V						
PERCENT ANALOG OUTPUT2	3x01105 4x01105 I:1104	74.999237,0x4052BFF37FE6FFCE B:40 52 BF F3 7F E6 FF CE			DOUBLE64 R/O	
		Current percent on AO2:74,999237%				
PERCENT ANALOG OUTPUT3	3x01109 4x01109 I:1108	49.998474,0x4048FFCDDFF9BFF38 B:40 48 FF CD FF 9B FF 38			DOUBLE64 R/O	
		Current percent on AO3:49,998474%				
PERCENT ANALOG OUTPUT4	3x01113 4x01113 I:1112	24.997711,0x4038FF69FED3FDA8 B:40 38 FF 69 FE D3 FD A8			DOUBLE64 R/O	
		Current percent on AO4:24,997711%				
PERCENT ANALOG OUTPUT5	3x01117 4x01117 I:1116	100.000000,0x4059000000000000 B:40 59 00 00 00 00 00 00			DOUBLE64 R/O	
		Current percent on AO5:100%				
PERCENT ANALOG OUTPUT6	3x01121 4x01121 I:1120	74.999237,0x4052BFF37FE6FFCE B:40 52 BF F3 7F E6 FF CE			DOUBLE64 R/O	
		Current percent on AO6:74,999237%				
PERCENT ANALOG OUTPUT7	3x01125 4x01125 I:1124	49.998474,0x4048FFCDDFF9BFF38 B:40 48 FF CD FF 9B FF 38			DOUBLE64 R/O	
		Current percent on AO7:49,998474%				
PERCENT ANALOG OUTPUT8	3x01129 4x01129 I:1128	24.997711,0x4038FF69FED3FDA8 B:40 38 FF 69 FE D3 FD A8			DOUBLE64 R/O	
		Current percent on AO8:24,997711%				

PERCENT ANALOG OUTPUT9	3x01133 4x01133 I:1132	100.000000,0x4059000000000000 B:40 59 00 00 00 00 00 00			DOUBLE64 R/O		
		Current percent on AO9:100%					
PERCENT ANALOG OUTPUT10	3x01137 4x01137 I:1136	74.999237,0x4052BFF37FE6FFCE B:40 52 BF F3 7F E6 FF CE			DOUBLE64 R/O		
		Current percent on AO10:74,999237%					
PERCENT ANALOG OUTPUT11	3x01141 4x01141 I:1140	49.998474,0x4048FFCDFF9BFF38 B:40 48 FF CD FF 9B FF 38			DOUBLE64 R/O		
		Current percent on AO11:49,998474%					
PERCENT ANALOG OUTPUT12	3x01145 4x01145 I:1144	24.997711,0x4038FF69FED3FDA8 B:40 38 FF 69 FE D3 FD A8			DOUBLE64 R/O		
		Current percent on AO12:24,997711%					
ANALOG OUTPUTS:Percentage value							
PERCENT ANALOG OUTPUT1	3x01201 4x01201 I:1200	100.000000,0x4059000000000000 B:00 00 00 00 00 00 40 59			DOUBLE64R R/O		
		Current percent on AO1:100%					
Current value of the analog output AOx as percentage value between -100% and +100%. -102.4%:-10.24V 0%:0V +102.4%:+10.24V							
PERCENT ANALOG OUTPUT2	3x01205 4x01205 I:1204	74.999237,0x4052BFF37FE6FFCE B:FF CE 7F E6 BF F3 40 52			DOUBLE64R R/O		
		Current percent on AO2:74,999237%					
PERCENT ANALOG OUTPUT3	3x01209 4x01209 I:1208	49.998474,0x4048FFCDFF9BFF38 B:FF 38 FF 9B FF CD 40 48			DOUBLE64R R/O		
		Current percent on AO3:49,998474%					
PERCENT ANALOG OUTPUT4	3x01213 4x01213 I:1212	24.997711,0x4038FF69FED3FDA8 B:FD A8 FE D3 FF 69 40 38			DOUBLE64R R/O		
		Current percent on AO4:24,997711%					
PERCENT ANALOG OUTPUT5	3x01217 4x01217 I:1216	100.000000,0x4059000000000000 B:00 00 00 00 00 00 40 59			DOUBLE64R R/O		
		Current percent on AO5:100%					
PERCENT ANALOG OUTPUT6	3x01221 4x01221 I:1220	74.999237,0x4052BFF37FE6FFCE B:FF CE 7F E6 BF F3 40 52			DOUBLE64R R/O		
		Current percent on AO6:74,999237%					

PERCENT ANALOG OUTPUT7	3x01225 4x01225 I:1224	49.998474,0x4048FFCDDFF9BFF38 B:FF 38 FF 9B FF CD 40 48			DOUBLE64R R/O	
		Current percent on AO7:49,998474%				
PERCENT ANALOG OUTPUT8	3x01229 4x01229 I:1228	24.997711,0x4038FF69FED3FDA8 B:FD A8 FE D3 FF 69 40 38			DOUBLE64R R/O	
		Current percent on AO8:24,997711%				
PERCENT ANALOG OUTPUT9	3x01233 4x01233 I:1232	100.000000,0x4059000000000000 B:00 00 00 00 00 00 40 59			DOUBLE64R R/O	
		Current percent on AO9:100%				
PERCENT ANALOG OUTPUT10	3x01237 4x01237 I:1236	74.999237,0x4052BFF37FE6FFCE B:FF CE 7F E6 BF F3 40 52			DOUBLE64R R/O	
		Current percent on AO10:74,999237%				
PERCENT ANALOG OUTPUT11	3x01241 4x01241 I:1240	49.998474,0x4048FFCDDFF9BFF38 B:FF 38 FF 9B FF CD 40 48			DOUBLE64R R/O	
		Current percent on AO11:49,998474%				
PERCENT ANALOG OUTPUT12	3x01245 4x01245 I:1244	24.997711,0x4038FF69FED3FDA8 B:FD A8 FE D3 FF 69 40 38			DOUBLE64R R/O	
		Current percent on AO12:24,997711%				
ANALOG OUTPUTS:Voltage value						
VOLTAGE ANALOG OUTPUT1	3x01301 4x01301 I:1300	10.000000,0x4024000000000000 B:40 24 00 00 00 00 00 00			DOUBLE64 R/O	
		Current voltage on AO1:10V				
Current value of the analog output AOx voltage value between -10.24V and +10.24V. -10.24:-10.24V 0:0V +10.24:+10.24V						
VOLTAGE ANALOG OUTPUT2	3x01305 4x01305 I:1304	7.499924,0x401DFFEBFFD7FFB0 B:40 1D FF EB FF D7 FF B0			DOUBLE64 R/O	
		Current voltage on AO2:7,499924V				
VOLTAGE ANALOG OUTPUT3	3x01309 4x01309 I:1308	4.999847,0x4013FFD7FFAFF60 B:40 13 FF D7 FF AF FF 60			DOUBLE64 R/O	
		Current voltage on AO3:4,999847V				
VOLTAGE ANALOG OUTPUT4	3x01313 4x01313 I:1312	2.499771,0x4003FF87FF0FFE20 B:40 03 FF 87 FF 0F FE 20			DOUBLE64 R/O	
		Current voltage on AO4:2,499771V				

VOLTAGE ANALOG OUTPUT5	3x01317 4x01317 I:1316	10.000000,0x4024000000000000 B:40 24 00 00 00 00 00			DOUBLE64 R/O		
		Current voltage on AO5:10V					
VOLTAGE ANALOG OUTPUT6	3x01321 4x01321 I:1320	7.499924,0x401DFFEBFFD7FFB0 B:40 1D FF EB FF D7 FF B0			DOUBLE64 R/O		
		Current voltage on AO6:7,499924V					
VOLTAGE ANALOG OUTPUT7	3x01325 4x01325 I:1324	4.999847,0x4013FFD7FFAFF60 B:40 13 FF D7 FF AF FF 60			DOUBLE64 R/O		
		Current voltage on AO7:4,999847V					
VOLTAGE ANALOG OUTPUT8	3x01329 4x01329 I:1328	2.499771,0x4003FF87FF0FFE20 B:40 03 FF 87 FF 0F FE 20			DOUBLE64 R/O		
		Current voltage on AO8:2,499771V					
VOLTAGE ANALOG OUTPUT9	3x01333 4x01333 I:1332	10.000000,0x4024000000000000 B:40 24 00 00 00 00 00			DOUBLE64 R/O		
		Current voltage on AO9:10V					
VOLTAGE ANALOG OUTPUT10	3x01337 4x01337 I:1336	7.499924,0x401DFFEBFFD7FFB0 B:40 1D FF EB FF D7 FF B0			DOUBLE64 R/O		
		Current voltage on AO10:7,499924V					
VOLTAGE ANALOG OUTPUT11	3x01341 4x01341 I:1340	4.999847,0x4013FFD7FFAFF60 B:40 13 FF D7 FF AF FF 60			DOUBLE64 R/O		
		Current voltage on AO11:4,999847V					
VOLTAGE ANALOG OUTPUT12	3x01345 4x01345 I:1344	2.499771,0x4003FF87FF0FFE20 B:40 03 FF 87 FF 0F FE 20			DOUBLE64 R/O		
		Current voltage on AO12:2,499771V					
ANALOG OUTPUTS:Voltage value							
VOLTAGE ANALOG OUTPUT1	3x01401 4x01401 I:1400	10.000000,0x4024000000000000 B:00 00 00 00 00 00 40 24			DOUBLE64R R/O		
		Current voltage on AO1:10V					
Current value of the analog output AOx voltage value between -10.24V and +10.24V. -10.24:-10.24V 0:0V +10.24:+10.24V							
VOLTAGE ANALOG OUTPUT2	3x01405 4x01405 I:1404	7.499924,0x401DFFEBFFD7FFB0 B:FF B0 FF D7 FF EB 40 1D			DOUBLE64R R/O		
		Current voltage on AO2:7,499924V					

VOLTAGE ANALOG OUTPUT3	3x01409 4x01409 I:1408	4.999847,0x4013FFD7FFAFF60 B:FF 60 FF AF FF D7 40 13			DOUBLE64R R/O	
		Current voltage on AO3:4,999847V				
VOLTAGE ANALOG OUTPUT4	3x01413 4x01413 I:1412	2.499771,0x4003FF87FF0FFE20 B:FE 20 FF 0F FF 87 40 03			DOUBLE64R R/O	
		Current voltage on AO4:2,499771V				
VOLTAGE ANALOG OUTPUT5	3x01417 4x01417 I:1416	10.000000,0x4024000000000000 B:00 00 00 00 00 00 40 24			DOUBLE64R R/O	
		Current voltage on AO5:10V				
VOLTAGE ANALOG OUTPUT6	3x01421 4x01421 I:1420	7.499924,0x401DFFEBFFD7FFB0 B:FF B0 FF D7 FF EB 40 1D			DOUBLE64R R/O	
		Current voltage on AO6:7,499924V				
VOLTAGE ANALOG OUTPUT7	3x01425 4x01425 I:1424	4.999847,0x4013FFD7FFAFF60 B:FF 60 FF AF FF D7 40 13			DOUBLE64R R/O	
		Current voltage on AO7:4,999847V				
VOLTAGE ANALOG OUTPUT8	3x01429 4x01429 I:1428	2.499771,0x4003FF87FF0FFE20 B:FE 20 FF 0F FF 87 40 03			DOUBLE64R R/O	
		Current voltage on AO8:2,499771V				
VOLTAGE ANALOG OUTPUT9	3x01433 4x01433 I:1432	10.000000,0x4024000000000000 B:00 00 00 00 00 00 40 24			DOUBLE64R R/O	
		Current voltage on AO9:10V				
VOLTAGE ANALOG OUTPUT10	3x01437 4x01437 I:1436	7.499924,0x401DFFEBFFD7FFB0 B:FF B0 FF D7 FF EB 40 1D			DOUBLE64R R/O	
		Current voltage on AO10:7,499924V				
VOLTAGE ANALOG OUTPUT11	3x01441 4x01441 I:1440	4.999847,0x4013FFD7FFAFF60 B:FF 60 FF AF FF D7 40 13			DOUBLE64R R/O	
		Current voltage on AO11:4,999847V				
VOLTAGE ANALOG OUTPUT12	3x01445 4x01445 I:1444	2.499771,0x4003FF87FF0FFE20 B:FE 20 FF 0F FF 87 40 03			DOUBLE64R R/O	
		Current voltage on AO12:2,499771V				

GET RAW AOS	ASCII READ COMMAND	#GET RAW AOS<CR> #GRAOS<CR> Result: #GRAOS:<AO1RawDec>,<AO2RawDec>,<AO3RawDec>,<AO4RawDec>, <AO1RawHex>,<AO2RawHex>,<AO3RawHex>,<AO4RawHex><CR>	ASCII	
	TX	#GET RAW AOS<CR>		
	RX	#255,GRAOS:32767,24575,16383,8191,0x7FFF,0x5FFF,0x3FFF,0x1FFF<CR>		
		Current raw value of analog output AO1:32767		
		Current raw value of analog output AO2:24575		
		Current raw value of analog output AO3:16383		
		Current raw value of analog output AO4:8191		
		Current raw value of analog output AO5:0		
		Current raw value of analog output AO6:0		
		Current raw value of analog output AO7:0		
		Current raw value of analog output AO8:0		
		Current raw value of analog output AO9:0		
		Current raw value of analog output AO10:0		
		Current raw value of analog output AO11:0		
		Current raw value of analog output AO12:0		
Returns the current raw value of all 4 analog outputs as a decimal number and as a hexadecimal number AOxRawDec,AOxRawHex The current value of the analog output as SINT16 value between -32768 and 32767. -32768 or 0x8000 stands for -10.24V 0 or 0x0000 stands for 0V +32767 or 0x7FFF stands for +10.24V				
GET RAW AOx	ASCII READ COMMAND	#GET RAW AO<x><CR> #GRAO<x><CR> Result: #GRAO<x>:<AOxRawDec>,<AOxRawHex><CR>	ASCII	
	x	2		
	TX	#GET RAW AO2<CR>		
	RX	#255,GRAO2:24575,0x5FFF<CR>		
		Current raw value of analog output AOx:24575		
Returns the current raw value of an analog output as a decimal number and as a hexadecimal number. X stands for the desired analog output from 1 to 4. AOxRawDec,AOxRawHex The current value of the analog output as SINT16 value between -32768 and 32767. -32768 or 0x8000 stands for -10.24V 0 or 0x0000 stands for 0V +32767 or 0x7FFF stands for +10.24V				

SET PERCENT AOS	ASCII WRITE COMMAND	#SET PERCENT AOS:<AO1PercentDbI>,<AO2PercentDbI>,<AO3PercentDbI>,<AO4PercentDbI>,<AO5PercentDbI>,<AO6PercentDbI>,<AO7PercentDbI>,<AO8PercentDbI>,<AO9PercentDbI>,<AO10PercentDbI>,<AO11PercentDbI>,<AO12PercentDbI><CR> #SPAOS:<AO1PercentDbI>,<AO2PercentDbI>,<AO3PercentDbI>,<AO4PercentDbI>,<AO5PercentDbI>,<AO6PercentDbI>,<AO7PercentDbI>,<AO8PercentDbI>,<AO9PercentDbI>,<AO10PercentDbI>,<AO11PercentDbI>,<AO12PercentDbI><CR> Result: #OK<CR>	ASCII	NO
	AO1Percent	10,000		
	AO2Percent	7,500		
	AO3Percent	5,000		
	AO4Percent	2,500		
	AO5Percent	10,000		
	AO6Percent	7,500		
	AO7Percent	5,000		
	AO8Percent	2,500		
	AO9Percent	10,000		
	AO10Percent	7,500		
	AO11Percent	5,000		
	AO12Percent	2,500		
	TX	#SET PERCENT AOS:10,7.5,5,2.5,10,7.5,5,2.5,10,7.5,5,2.5<CR>		
	RX	N/A		
<p>Writes a new value for all four analog outputs as a percentage value between -100.000 and +100.000. The values are transmitted as a floating-point number with 3 decimal places. The decimal separator uses a dot. AOxPercentDbI The new percentage value of the analog output as a DOUBLE value between -100,000 and +100,000 percent -102.400% stands for -10.24V 0% stands for 0V +102.400% stands for +10.24V</p>				
GET PERCENT AOS	ASCII READ COMMAND	#GET PERCENT AOS<CR> #GPAOS<CR> Result: #GPAOS:<AO1PercentDbI>,<AO2PercentDbI>,<AO3PercentDbI>,<AO4PercentDbI><CR>	ASCII	
	TX	#GET PERCENT AOS<CR>		
	RX	#255,GPAOS:100.000,74.999,49.998,24.998<CR>		
		Current percent value of analog output AO1:100		
		Current percent value of analog output AO2:74,999		
		Current percent value of analog output AO3:49,998		
		Current percent value of analog output AO4:24,998		
		Current percent value of analog output AO5:0		
		Current percent value of analog output AO6:0		
		Current percent value of analog output AO7:0		
		Current percent value of analog output AO8:0		
		Current percent value of analog output AO9:0		

		Current percent value of analog output AO10:0		
		Current percent value of analog output AO11:0		
		Current percent value of analog output AO12:0		
<p>Returns the current actual value of all 4 analog outputs as a percentage value between -100.000 and +100.000. The values are transmitted as a floating-point number with 3 decimal places. The decimal separator uses a dot. AOxPercentDbf The current percentage value of the analog output as a DOUBLE value between -100,000 and +100,000 percent -102.400% stands for -10.24V 0% stands for 0V +102.400% stands for +10.24V</p>				
SET PERCENT AOx	ASCII WRITE COMMAND	#SET PERCENT AO<x>:<AOxPercentDbf><CR> #SPA0<x>:<AOxPercentDbf><CR> Result: #OK<CR>	ASCII	NO
	x	2		
	AOxPercent	57,891		
	TX	#SET PERCENT AO2:57.891<CR>		
	RX	N/A		
<p>Sets the new percentage of an analog output as a floating-point number with 3 decimal places. X stands for the desired analog output from 1 to 4. The decimal separator uses a dot. AOxPercentDbf The new percentage value for the analog output as a DOUBLE value between -100,000 and +100,000 percent -102.400% stands for -10.24V 0% stands for 0V +102.400% stands for +10.24V</p>				
GET PERCENT AOx	ASCII READ COMMAND	#GET PERCENT AO<x><CR> #GPA0<x><CR> Result: #GPA0<x>:<AOxPercentDbf><CR>	ASCII	
	x	2		
	TX	#GET PERCENT AO2<CR>		
	RX	#255,GPA01:100.000<CR>		
		Current percent value of analog output AIx:100		
<p>Returns the current percentage of an analog output as a floating-point number with 3 decimal places. X stands for the desired analog output from 1 to 4. The decimal separator uses a dot. AOxPercentDbf The current percentage value of the analog output as a DOUBLE value between -100,000 and +100,000 percent -102.400% stands for -10.24V 0% stands for 0V +102.400% stands for +10.24V</p>				

SET AOS	ASCII WRITE COMMAND	#SET AOS:<AO1VoltageDbI>,<AO2VoltageDbI>,<AO3VoltageDbI>,<AO4VoltageDbI>,<AO5VoltageDbI>,<AO6VoltageDbI>,<AO7VoltageDbI>,<AO8VoltageDbI>,<AO9VoltageDbI>,<AO10VoltageDbI>,<AO11VoltageDbI>,<AO12VoltageDbI><CR> #SAOS:<AO1VoltageDbI>,<AO2VoltageDbI>,<AO3VoltageDbI>,<AO4VoltageDbI>,<AO5VoltageDbI>,<AO6VoltageDbI>,<AO7VoltageDbI>,<AO8VoltageDbI>,<AO9VoltageDbI>,<AO10VoltageDbI>,<AO11VoltageDbI>,<AO12VoltageDbI><CR> Result: #OK<CR>	ASCII	NO
	AO1Voltage	10,000		
	AO2Voltage	7,500		
	AO3Voltage	5,000		
	AO4Voltage	2,500		
	AO5Voltage	10,000		
	AO6Voltage	7,500		
	AO7Voltage	5,000		
	AO8Voltage	2,500		
	AO9Voltage	10,000		
	AO10Voltage	7,500		
	AO11Voltage	5,000		
	AO12Voltage	2,500		
	TX	#SET AOS:10,7.5,5,2.5,10,7.5,5,2.5,10,7.5,5,2.5<CR>		
	RX	N/A		
<p>Writes new values for all 4 analog outputs as a voltage value between -10.240V and +10.240V. The voltage values are transmitted as a floating-point number with 3 decimal places. The decimal separator uses a dot.</p> <p>AOxVoltageDbI The new voltage value of the analog output as DOUBLE value between -10.240V and +10.240V</p>				
GET AOS	ASCII READ COMMAND	#GET AOS<CR> #GAOS<CR> Result: #GAOS:<AO1DbI>,<AO2DbI>,<AO3DbI>,<AO4DbI><CR>	ASCII	
	TX	#GET AOS<CR>		
	RX	#255,GAOS:10.000,7.500,5.000,2.500<CR>		
		Current voltage value of analog output AO1:10		
		Current voltage value of analog output AO2:7,5		
		Current voltage value of analog output AO3:5		
		Current voltage value of analog output AO4:2,5		
		Current voltage value of analog output AO5:0		
		Current voltage value of analog output AO6:0		
		Current voltage value of analog output AO7:0		
		Current voltage value of analog output AO8:0		
		Current voltage value of analog output AO9:0		
		Current voltage value of analog output AO10:0		

		Current voltage value of analog output AO11:0		
		Current voltage value of analog output AO12:0		
<p>Returns the current actual value of all 4 analog outputs as a voltage value between -10.240V and +10.240V. The voltage values are transmitted as a floating-point number with 3 decimal places. The decimal separator uses a dot.</p> <p>AOxDbl The current voltage value of the analog output as DOUBLE value between -10.240V and +10.240V</p>				
SET AOx	ASCII WRITE COMMAND	#SET AO<x>:<AOxVoltageDbI><CR> #SAO<x>:<AOxVoltageDbI><CR> Result: #OK<CR>	ASCII	YES
	x	2		
	AOxVoltage	10,000		
	TX	#SET AO2:10<CR>		
	RX	N/A		
<p>Sets a new value for an analog output as a voltage value. The voltage value is transmitted as a floating-point number with 3 decimal places. X stands for the desired analog output from 1 to 4. The decimal separator uses a dot.</p> <p>AOxVoltageDbI The new voltage value for the analog output as DOUBLE value between -10.240V and +10.240V</p>				
GET AOx	ASCII READ COMMAND	#GET AO<x><CR> #GAO<x><CR> Result: #GAO<x>:<AixDbI><CR>	ASCII	
	x	2		
	TX	#GET AO2<CR>		
	RX	#255,GAO1:10.000<CR>		
		Current voltage value of analog output AOx:10		
<p>Returns the current actual value of an analog output as a voltage value. The voltage value is transmitted as a floating-point number with 3 decimal places. X stands for the desired analog output from 1 to 4. The decimal separator uses a dot.</p> <p>AOxDbl The current voltage value of the analog output as DOUBLE value between -10.240V and +10.240V</p>				