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 I:65203	18771,0x4953 B:49 53			UINT16 R/O	
This is the current software author of the firmware						
MODBUS SETTINGS						
UNIT_ID	3x65222 4x65222 I:65221	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	NO
		UNIT ID:0				
f 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 I: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 I: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 I:65225	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	NO
		ONE STOPBIT		SELECT STOPBITS		

f 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 I: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 I: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		

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

HINT: The new setup parameters will be active after a restart of the module.

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		

Sets a new parity for the serial interface.
MBParity:
NONE: no parity
EVEN: even parity
ODD: odd parity

HINT: The new setup parameters will be active after a restart of the module.

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		

Sets a new amount of stop bits for the serial interface.
MBStops
ONE: one stop bit
TWO: two stop bits

HINT: The new setup parameters will be active after a restart of the module.

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 serrial 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 neccessary.				

DI1	1x00001 2x00001 I:0	0,0x00 B:00			BIT R/O	
		Current state of DI1:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI2	1x00002 2x00002 I:1	0,0x00 B:00			BIT R/O	
		Current state of DI2:0=OFF				
DI3	1x00003 2x00003 I:2	0,0x00 B:00			BIT R/O	
		Current state of DI3:0=OFF				
DI4	1x00004 2x00004 I:3	0,0x00 B:00			BIT R/O	
		Current state of DI4:0=OFF				
DI5	1x00005 2x00005 I:4	0,0x00 B:00			BIT R/O	
		Current state of DI5:0=OFF				
DI6	1x00006 2x00006 I:5	0,0x00 B:00			BIT R/O	
		Current state of DI6:0=OFF				
DI7	1x00007 2x00007 I:6	0,0x00 B:00			BIT R/O	
		Current state of DI7:0=OFF				
DI8	1x00008 2x00008 I:7	0,0x00 B:00			BIT R/O	
		Current state of DI8:0=OFF				
DI9	1x00009 2x00009 I:8	0,0x00 B:00			BIT R/O	
		Current state of DI9:0=OFF				
DI10	1x00010 2x00010 I:9	0,0x00 B:00			BIT R/O	
		Current state of DI10:0=OFF				
DI11	1x00011 2x00011 I:10	0,0x00 B:00			BIT R/O	
		Current state of DI11:0=OFF				

DI12	1x00012 2x00012 I:11	0,0x00 B:00			BIT R/O	
		Current state of DI12:0=OFF				
DI13	1x00013 2x00013 I:12	0,0x00 B:00			BIT R/O	
		Current state of DI13:0=OFF				
DI14	1x00014 2x00014 I:13	0,0x00 B:00			BIT R/O	
		Current state of DI14:0=OFF				
DI15	1x00015 2x00015 I:14	0,0x00 B:00			BIT R/O	
		Current state of DI15:0=OFF				
DI16	1x00016 2x00016 I:15	0,0x00 B:00			BIT R/O	
		Current state of DI16:0=OFF				
DI17	1x00017 2x00017 I:16	0,0x00 B:00			BIT R/O	
		Current state of DI17:0=OFF				
DI18	1x00018 2x00018 I:17	0,0x00 B:00			BIT R/O	
		Current state of DI18:0=OFF				
DI19	1x00019 2x00019 I:18	0,0x00 B:00			BIT R/O	
		Current state of DI19:0=OFF				
DI20	1x00020 2x00020 I:19	0,0x00 B:00			BIT R/O	
		Current state of DI20:0=OFF				
DI21	1x00021 2x00021 I:20	0,0x00 B:00			BIT R/O	
		Current state of DI21:0=OFF				
DI22	1x00022 2x00022 I:21	0,0x00 B:00			BIT R/O	
		Current state of DI22:0=OFF				
DI23	1x00023 2x00023 I:22	0,0x00 B:00			BIT R/O	

		Current state of DI23:0=OFF				
DI24	1x00024 2x00024 I:23	0,0x00 B:00			BIT R/O	
		Current state of DI24:0=OFF				
DI25	1x00025 2x00025 I:24	0,0x00 B:00			BIT R/O	
		Current state of DI25:0=OFF				
DI26	1x00026 2x00026 I:25	0,0x00 B:00			BIT R/O	
		Current state of DI26:0=OFF				
DI27	1x00027 2x00027 I:26	0,0x00 B:00			BIT R/O	
		Current state of DI27:0=OFF				
DI28	1x00028 2x00028 I:27	0,0x00 B:00			BIT R/O	
		Current state of DI28:0=OFF				
DI29	1x00029 2x00029 I:28	0,0x00 B:00			BIT R/O	
		Current state of DI29:0=OFF				
DI30	1x00030 2x00030 I:29	0,0x00 B:00			BIT R/O	
		Current state of DI30:0=OFF				
DI31	1x00031 2x00031 I:30	0,0x00 B:00			BIT R/O	
		Current state of DI31:0=OFF				
DI32	1x00032 2x00032 I:31	0,0x00 B:00			BIT R/O	
		Current state of DI32:0=OFF				
DI33	1x00033 2x00033 I:32	0,0x00 B:00			BIT R/O	
		Current state of DI33:0=OFF				
DI34	1x00034 2x00034 I:33	0,0x00 B:00			BIT R/O	
		Current state of DI34:0=OFF				

DI35	1x00035 2x00035 I:34	0,0x00 B:00			BIT R/O	
		Current state of DI35:0=OFF				
DI36	1x00036 2x00036 I:35	0,0x00 B:00			BIT R/O	
		Current state of DI36:0=OFF				
DI37	1x00037 2x00037 I:36	0,0x00 B:00			BIT R/O	
		Current state of DI37:0=OFF				
DI38	1x00038 2x00038 I:37	0,0x00 B:00			BIT R/O	
		Current state of DI38:0=OFF				
DI39	1x00039 2x00039 I:38	0,0x00 B:00			BIT R/O	
		Current state of DI39:0=OFF				
DI40	1x00040 2x00040 I:39	0,0x00 B:00			BIT R/O	
		Current state of DI40:0=OFF				
DI41	1x00041 2x00041 I:40	0,0x00 B:00			BIT R/O	
		Current state of DI41:0=OFF				
DI42	1x00042 2x00042 I:41	0,0x00 B:00			BIT R/O	
		Current state of DI42:0=OFF				
DI43	1x00043 2x00043 I:42	0,0x00 B:00			BIT R/O	
		Current state of DI43:0=OFF				
DI44	1x00044 2x00044 I:43	0,0x00 B:00			BIT R/O	
		Current state of DI44:0=OFF				
DI45	1x00045 2x00045 I:44	0,0x00 B:00			BIT R/O	
		Current state of DI45:0=OFF				
DI46	1x00046 2x00046 I:45	0,0x00 B:00			BIT R/O	

		Current state of DI46:0=OFF				
DI47	1x00047 2x00047 I:46	0,0x00 B:00			BIT R/O	
		Current state of DI47:0=OFF				
DI48	1x00048 2x00048 I:47	0,0x00 B:00			BIT R/O	
		Current state of DI48:0=OFF				
DI49	1x00049 2x00049 I:48	0,0x00 B:00			BIT R/O	
		Current state of DI49:0=OFF				
DI50	1x00050 2x00050 I:49	0,0x00 B:00			BIT R/O	
		Current state of DI50:0=OFF				
DI51	1x00051 2x00051 I:50	0,0x00 B:00			BIT R/O	
		Current state of DI51:0=OFF				
DI52	1x00052 2x00052 I:51	0,0x00 B:00			BIT R/O	
		Current state of DI52:0=OFF				
DI53	1x00053 2x00053 I:52	0,0x00 B:00			BIT R/O	
		Current state of DI53:0=OFF				
DI54	1x00054 2x00054 I:53	0,0x00 B:00			BIT R/O	
		Current state of DI54:0=OFF				
DI55	1x00055 2x00055 I:54	0,0x00 B:00			BIT R/O	
		Current state of DI55:0=OFF				
DI56	1x00056 2x00056 I:55	0,0x00 B:00			BIT R/O	
		Current state of DI56:0=OFF				
DI57	1x00057 2x00057 I:56	0,0x00 B:00			BIT R/O	
		Current state of DI57:0=OFF				

DI58	1x00058 2x00058 I:57	0,0x00 B:00			BIT R/O	
		Current state of DI58:0=OFF				
DI59	1x00059 2x00059 I:58	0,0x00 B:00			BIT R/O	
		Current state of DI59:0=OFF				
DI60	1x00060 2x00060 I:59	0,0x00 B:00			BIT R/O	
		Current state of DI60:0=OFF				
DI61	1x00061 2x00061 I:60	0,0x00 B:00			BIT R/O	
		Current state of DI61:0=OFF				
DI62	1x00062 2x00062 I:61	0,0x00 B:00			BIT R/O	
		Current state of DI62:0=OFF				
DI63	1x00063 2x00063 I:62	0,0x00 B:00			BIT R/O	
		Current state of DI63:0=OFF				
DI64	1x00064 2x00064 I:63	1,0x01 B:01			BIT R/O	
		Current state of DI64:1=ON				
STATUS						
DIP SWITCH 1	1x00091 2x00091 I:90	1,0x01 B:01			BIT R/O	
		Current state of DIP SWITCH1:1=ON				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						
DIP SWITCH 2	1x00092 2x00092 I:91	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH2:0=OFF				
DIP SWITCH 3	1x00093 2x00093 I:92	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH3:0=OFF				
DIP SWITCH 4	1x00094 2x00094 I:93	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH4:0=OFF				

DIP SWITCH 5	1x00095 2x00095 I:94	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH5:0=OFF				
DIP SWITCH 6	1x00096 2x00096 I:95	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH6:0=OFF				
DIP SWITCH 7	1x00097 2x00097 I:96	1,0x01 B:01			BIT R/O	
		Current state of DIP SWITCH7:1=ON				
DIP SWITCH 8	1x00098 2x00098 I:97	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH8:0=OFF				
GENERAL STATUS OF DIS						
RESET COUNTERS	1x10000 2x10000 I:9999	0,0x00 B:00		1:PERFORM RESET	BIT R/W	YES
If this register is written to 1, all internal edge counters and event counters are set to 0. 0 is always returned when reading.						
RISING EDGES DI1	3x00001 4x00001 I:0	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
Counter for rising edges on the digital input DIx. If the module detects a rising edge on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0.						
FALLING EDGES DI1	3x00002 4x00002 I:1	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
Counter for falling edges on the digital input DIx. If the module detects a falling edge on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0.						
RISING EDGES DI2	3x00003 4x00003 I:2	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI2	3x00004 4x00004 I:3	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI3	3x00005 4x00005 I:4	3,0x0003 B:00 03			UINT16 R/O	

		3 event(s)				
FALLING EDGES DI3	3x00006 4x00006 I:5	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI4	3x00007 4x00007 I:6	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI4	3x00008 4x00008 I:7	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI5	3x00009 4x00009 I:8	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI5	3x00010 4x00010 I:9	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI6	3x00011 4x00011 I:10	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI6	3x00012 4x00012 I:11	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI7	3x00013 4x00013 I:12	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI7	3x00014 4x00014 I:13	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI8	3x00015 4x00015 I:14	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI8	3x00016 4x00016 I:15	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				

RISING EDGES DI9	3x00017 4x00017 I:16	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI9	3x00018 4x00018 I:17	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI10	3x00019 4x00019 I:18	15,0x000F B:00 0F			UINT16 R/O	
		15 event(s)				
FALLING EDGES DI10	3x00020 4x00020 I:19	15,0x000F B:00 0F			UINT16 R/O	
		15 event(s)				
RISING EDGES DI11	3x00021 4x00021 I:20	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI11	3x00022 4x00022 I:21	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI12	3x00023 4x00023 I:22	14,0x000E B:00 0E			UINT16 R/O	
		14 event(s)				
FALLING EDGES DI12	3x00024 4x00024 I:23	14,0x000E B:00 0E			UINT16 R/O	
		14 event(s)				
RISING EDGES DI13	3x00025 4x00025 I:24	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALLING EDGES DI13	3x00026 4x00026 I:25	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
RISING EDGES DI14	3x00027 4x00027 I:26	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALLING EDGES DI14	3x00028 4x00028 I:27	6,0x0006 B:00 06			UINT16 R/O	

		6 event(s)				
RISING EDGES DI15	3x00029 4x00029 I:28	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI15	3x00030 4x00030 I:29	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI16	3x00031 4x00031 I:30	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI16	3x00032 4x00032 I:31	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI17	3x00033 4x00033 I:32	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALLING EDGES DI17	3x00034 4x00034 I:33	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
RISING EDGES DI18	3x00035 4x00035 I:34	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI18	3x00036 4x00036 I:35	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI19	3x00037 4x00037 I:36	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALLING EDGES DI19	3x00038 4x00038 I:37	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
RISING EDGES DI20	3x00039 4x00039 I:38	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				

FALLING EDGES DI20	3x00040 4x00040 I:39	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
RISING EDGES DI21	3x00041 4x00041 I:40	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALLING EDGES DI21	3x00042 4x00042 I:41	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
RISING EDGES DI22	3x00043 4x00043 I:42	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALLING EDGES DI22	3x00044 4x00044 I:43	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
RISING EDGES DI23	3x00045 4x00045 I:44	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI23	3x00046 4x00046 I:45	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI24	3x00047 4x00047 I:46	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALLING EDGES DI24	3x00048 4x00048 I:47	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
RISING EDGES DI25	3x00049 4x00049 I:48	10,0x000A B:00 0A			UINT16 R/O	
		10 event(s)				
FALLING EDGES DI25	3x00050 4x00050 I:49	10,0x000A B:00 0A			UINT16 R/O	
		10 event(s)				
RISING EDGES DI26	3x00051 4x00051 I:50	4,0x0004 B:00 04			UINT16 R/O	

		4 event(s)				
FALLING EDGES DI26	3x00052 4x00052 I:51	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI27	3x00053 4x00053 I:52	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI27	3x00054 4x00054 I:53	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI28	3x00055 4x00055 I:54	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI28	3x00056 4x00056 I:55	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI29	3x00057 4x00057 I:56	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI29	3x00058 4x00058 I:57	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI30	3x00059 4x00059 I:58	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI30	3x00060 4x00060 I:59	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI31	3x00061 4x00061 I:60	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI31	3x00062 4x00062 I:61	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				

RISING EDGES DI32	3x00063 4x00063 I:62	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
FALLING EDGES DI32	3x00064 4x00064 I:63	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
RISING EDGES DI33	3x00065 4x00065 I:64	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALLING EDGES DI33	3x00066 4x00066 I:65	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
RISING EDGES DI34	3x00067 4x00067 I:66	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI34	3x00068 4x00068 I:67	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI35	3x00069 4x00069 I:68	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI35	3x00070 4x00070 I:69	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI36	3x00071 4x00071 I:70	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI36	3x00072 4x00072 I:71	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI37	3x00073 4x00073 I:72	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI37	3x00074 4x00074 I:73	2,0x0002 B:00 02			UINT16 R/O	

		2 event(s)				
RISING EDGES DI38	3x00075 4x00075 I:74	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI38	3x00076 4x00076 I:75	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI39	3x00077 4x00077 I:76	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI39	3x00078 4x00078 I:77	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI40	3x00079 4x00079 I:78	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI40	3x00080 4x00080 I:79	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI41	3x00081 4x00081 I:80	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI41	3x00082 4x00082 I:81	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI42	3x00083 4x00083 I:82	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI42	3x00084 4x00084 I:83	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI43	3x00085 4x00085 I:84	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				

FALLING EDGES DI43	3x00086 4x00086 I:85	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI44	3x00087 4x00087 I:86	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI44	3x00088 4x00088 I:87	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI45	3x00089 4x00089 I:88	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI45	3x00090 4x00090 I:89	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI46	3x00091 4x00091 I:90	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI46	3x00092 4x00092 I:91	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI47	3x00093 4x00093 I:92	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI47	3x00094 4x00094 I:93	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI48	3x00095 4x00095 I:94	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI48	3x00096 4x00096 I:95	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI49	3x00097 4x00097 I:96	22,0x0016 B:00 16			UINT16 R/O	

		22 event(s)				
FALLING EDGES DI49	3x00098 4x00098 I:97	22,0x0016 B:00 16			UINT16 R/O	
		22 event(s)				
RISING EDGES DI50	3x00099 4x00099 I:98	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
FALLING EDGES DI50	3x00100 4x00100 I:99	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
RISING EDGES DI51	3x00101 4x00101 I:100	16,0x0010 B:00 10			UINT16 R/O	
		16 event(s)				
FALLING EDGES DI51	3x00102 4x00102 I:101	16,0x0010 B:00 10			UINT16 R/O	
		16 event(s)				
RISING EDGES DI52	3x00103 4x00103 I:102	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				
FALLING EDGES DI52	3x00104 4x00104 I:103	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				
RISING EDGES DI53	3x00105 4x00105 I:104	28,0x001C B:00 1C			UINT16 R/O	
		28 event(s)				
FALLING EDGES DI53	3x00106 4x00106 I:105	28,0x001C B:00 1C			UINT16 R/O	
		28 event(s)				
RISING EDGES DI54	3x00107 4x00107 I:106	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALLING EDGES DI54	3x00108 4x00108 I:107	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				

RISING EDGES DI55	3x00109 4x00109 I:108	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI55	3x00110 4x00110 I:109	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI56	3x00111 4x00111 I:110	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI56	3x00112 4x00112 I:111	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI57	3x00113 4x00113 I:112	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALLING EDGES DI57	3x00114 4x00114 I:113	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
RISING EDGES DI58	3x00115 4x00115 I:114	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI58	3x00116 4x00116 I:115	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI59	3x00117 4x00117 I:116	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALLING EDGES DI59	3x00118 4x00118 I:117	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
RISING EDGES DI60	3x00119 4x00119 I:118	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI60	3x00120 4x00120 I:119	2,0x0002 B:00 02			UINT16 R/O	

		2 event(s)				
RISING EDGES DI61	3x00121 4x00121 I:120	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI61	3x00122 4x00122 I:121	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI62	3x00123 4x00123 I:122	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI62	3x00124 4x00124 I:123	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI63	3x00125 4x00125 I:124	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALLING EDGES DI63	3x00126 4x00126 I:125	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
RISING EDGES DI64	3x00127 4x00127 I:126	21,0x0015 B:00 15			UINT16 R/O	
		21 event(s)				
FALLING EDGES DI64	3x00128 4x00128 I:127	20,0x0014 B:00 14			UINT16 R/O	
		20 event(s)				
STATUS						
FILTER PATTERN DI1	3x00129 4x00129 I:128	0,0x00000000 B:00 00 00 00			UINT32 R/O	
The internal pattern for corresponding digital input for AC/DC filtering. The internal used state is created out of this internal pattern via oversampling.						
FILTER PATTERN DI2	3x00131 4x00131 I:130	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI3	3x00133 4x00133 I:132	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI4	3x00135 4x00135 I:134	0,0x00000000 B:00 00 00 00			UINT32 R/O	

FILTER PATTERN DI5	3x00137 4x00137 I:136	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI6	3x00139 4x00139 I:138	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI7	3x00141 4x00141 I:140	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI8	3x00143 4x00143 I:142	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI9	3x00145 4x00145 I:144	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI10	3x00147 4x00147 I:146	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI11	3x00149 4x00149 I:148	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI12	3x00151 4x00151 I:150	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI13	3x00153 4x00153 I:152	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI14	3x00155 4x00155 I:154	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI15	3x00157 4x00157 I:156	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI16	3x00159 4x00159 I:158	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI17	3x00161 4x00161 I:160	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI18	3x00163 4x00163 I:162	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI19	3x00165 4x00165 I:164	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI20	3x00167 4x00167 I:166	0,0x00000000 B:00 00 00 00			UINT32 R/O	

FILTER PATTERN DI21	3x00169 4x00169 I:168	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI22	3x00171 4x00171 I:170	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI23	3x00173 4x00173 I:172	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI24	3x00175 4x00175 I:174	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI25	3x00177 4x00177 I:176	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI26	3x00179 4x00179 I:178	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI27	3x00181 4x00181 I:180	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI28	3x00183 4x00183 I:182	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI29	3x00185 4x00185 I:184	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI30	3x00187 4x00187 I:186	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI31	3x00189 4x00189 I:188	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI32	3x00191 4x00191 I:190	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI33	3x00193 4x00193 I:192	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI34	3x00195 4x00195 I:194	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI35	3x00197 4x00197 I:196	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI36	3x00199 4x00199 I:198	0,0x00000000 B:00 00 00 00			UINT32 R/O	

FILTER PATTERN DI37	3x00201 4x00201 I:200	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI38	3x00203 4x00203 I:202	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI39	3x00205 4x00205 I:204	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI40	3x00207 4x00207 I:206	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI41	3x00209 4x00209 I:208	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI42	3x00211 4x00211 I:210	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI43	3x00213 4x00213 I:212	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI44	3x00215 4x00215 I:214	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI45	3x00217 4x00217 I:216	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI46	3x00219 4x00219 I:218	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI47	3x00221 4x00221 I:220	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI48	3x00223 4x00223 I:222	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI49	3x00225 4x00225 I:224	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI50	3x00227 4x00227 I:226	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI51	3x00229 4x00229 I:228	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI52	3x00231 4x00231 I:230	0,0x00000000 B:00 00 00 00			UINT32 R/O	

FILTER PATTERN DI53	3x00233 4x00233 I:232	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI54	3x00235 4x00235 I:234	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI55	3x00237 4x00237 I:236	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI56	3x00239 4x00239 I:238	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI57	3x00241 4x00241 I:240	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI58	3x00243 4x00243 I:242	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI59	3x00245 4x00245 I:244	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI60	3x00247 4x00247 I:246	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI61	3x00249 4x00249 I:248	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI62	3x00251 4x00251 I:250	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI63	3x00253 4x00253 I:252	0,0x00000000 B:00 00 00 00			UINT32 R/O	
FILTER PATTERN DI64	3x00255 4x00255 I:254	4294967295,0xFFFFFFFF B:FF FF FF FF			UINT32 R/O	
GENERAL STATUS OF DIS-ROS						
RESET COUNTERS	3x10000 4x10000 I:9999	0,0x0000 B:00 00		1:PERFORM RESET	UINT16 R/W	YES
If this register is written to 1, all internal edge counters and event counters are set to 0. 0 is always returned when reading.						
HAS DIS CHANGED	3x10001 4x10001 I:10000	523,0x020B B:02 0B			UINT16 R/O	
		523 event(s)				

As soon as the module registrates an event on one of the available digital inputs, this global event counter is incremented by 1. Possible events are: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress						
STATUS OF ALL DIS DI1..DI16	3x10002 4x10002 I:10001	0,0x0000 B:00 00			UINT16 R/O	
		Current state of DI1:0=OFF				
		Current state of DI2:0=OFF				
		Current state of DI3:0=OFF				
		Current state of DI4:0=OFF				
		Current state of DI5:0=OFF				
		Current state of DI6:0=OFF				
		Current state of DI7:0=OFF				
		Current state of DI8:0=OFF				
		Current state of DI9:0=OFF				
		Current state of DI10:0=OFF				
		Current state of DI11:0=OFF				
		Current state of DI12:0=OFF				
		Current state of DI13:0=OFF				
		Current state of DI14:0=OFF				
		Current state of DI15:0=OFF				
		Current state of DI16:0=OFF				
Current state of all digital inputs DI1..DI16 Bit 0: =0:DI1 is OFF, =1:DI1 is ON Bit 1: =0:DI2 is OFF, =1:DI2 is ON Bit 2: =0:DI3 is OFF, =1:DI3 is ON Bit 3: =0:DI4 is OFF, =1:DI4 is ON Bit 4: =0:DI5 is OFF, =1:DI5 is ON Bit 5: =0:DI6 is OFF, =1:DI6 is ON Bit 6: =0:DI7 is OFF, =1:DI7 is ON Bit 7: =0:DI8 is OFF, =1:DI8 is ON Bit 8: =0:DI9 is OFF, =1:DI9 is ON Bit 9: =0:DI10 is OFF, =1:DI10 is ON Bit 10: =0:DI11 is OFF, =1:DI11 is ON Bit 11: =0:DI12 is OFF, =1:DI12 is ON Bit 12: =0:DI13 is OFF, =1:DI13 is ON Bit 13: =0:DI14 is OFF, =1:DI14 is ON Bit 14: =0:DI15 is OFF, =1:DI15 is ON Bit 15: =0:DI16 is OFF, =1:DI16 is ON						
STATUS OF ALL DIS DI17..DI32	3x10003 4x10003 I:10002	0,0x0000 B:00 00			UINT16 R/O	
		Current state of DI17:0=OFF				
		Current state of DI18:0=OFF				
		Current state of DI19:0=OFF				
		Current state of DI20:0=OFF				
		Current state of DI21:0=OFF				
		Current state of DI22:0=OFF				

		Current state of DI23:0=OFF			
		Current state of DI24:0=OFF			
		Current state of DI25:0=OFF			
		Current state of DI26:0=OFF			
		Current state of DI27:0=OFF			
		Current state of DI28:0=OFF			
		Current state of DI29:0=OFF			
		Current state of DI30:0=OFF			
		Current state of DI31:0=OFF			
		Current state of DI32:0=OFF			
Current state of all digital inputs DI17..DI32 Bit 0: =0:DI17 is OFF, =1:DI17 is ON Bit 1: =0:DI18 is OFF, =1:DI18 is ON Bit 2: =0:DI19 is OFF, =1:DI19 is ON Bit 3: =0:DI20 is OFF, =1:DI20 is ON Bit 4: =0:DI21 is OFF, =1:DI21 is ON Bit 5: =0:DI22 is OFF, =1:DI22 is ON Bit 6: =0:DI23 is OFF, =1:DI23 is ON Bit 7: =0:DI24 is OFF, =1:DI24 is ON Bit 8: =0:DI25 is OFF, =1:DI25 is ON Bit 9: =0:DI26 is OFF, =1:DI26 is ON Bit 10: =0:DI27 is OFF, =1:DI27 is ON Bit 11: =0:DI28 is OFF, =1:DI28 is ON Bit 12: =0:DI29 is OFF, =1:DI29 is ON Bit 13: =0:DI30 is OFF, =1:DI30 is ON Bit 14: =0:DI31 is OFF, =1:DI31 is ON Bit 15: =0:DI32 is OFF, =1:DI32 is ON					
STATUS OF ALL DIS DI33..DI48	3x10004 4x10004 I:10003	0,0x0000 B:00 00			UINT16 R/O	
		Current state of DI33:0=OFF			
		Current state of DI34:0=OFF			
		Current state of DI35:0=OFF			
		Current state of DI36:0=OFF			
		Current state of DI37:0=OFF			
		Current state of DI38:0=OFF			
		Current state of DI39:0=OFF			
		Current state of DI40:0=OFF			
		Current state of DI41:0=OFF			
		Current state of DI42:0=OFF			
		Current state of DI43:0=OFF			
		Current state of DI44:0=OFF			
		Current state of DI45:0=OFF			
		Current state of DI46:0=OFF			
		Current state of DI47:0=OFF			
		Current state of DI48:0=OFF			

Current state of all digital inputs DI33..DI48
Bit 0: =0:DI33 is OFF, =1:DI33 is ON
Bit 1: =0:DI34 is OFF, =1:DI34 is ON
Bit 2: =0:DI35 is OFF, =1:DI35 is ON
Bit 3: =0:DI36 is OFF, =1:DI36 is ON
Bit 4: =0:DI37 is OFF, =1:DI37 is ON
Bit 5: =0:DI38 is OFF, =1:DI38 is ON
Bit 6: =0:DI39 is OFF, =1:DI39 is ON
Bit 7: =0:DI40 is OFF, =1:DI40 is ON
Bit 8: =0:DI41 is OFF, =1:DI41 is ON
Bit 9: =0:DI42 is OFF, =1:DI42 is ON
Bit 10: =0:DI43 is OFF, =1:DI43 is ON
Bit 11: =0:DI44 is OFF, =1:DI44 is ON
Bit 12: =0:DI45 is OFF, =1:DI45 is ON
Bit 13: =0:DI46 is OFF, =1:DI46 is ON
Bit 14: =0:DI47 is OFF, =1:DI47 is ON
Bit 15: =0:DI48 is OFF, =1:DI48 is ON

STATUS OF ALL DIS DI49..DI64	3x10005 4x10005 I:10004	32768,0x8000 B:80 00			UINT16 R/O	
		Current state of DI49:0=OFF				
		Current state of DI50:0=OFF				
		Current state of DI51:0=OFF				
		Current state of DI52:0=OFF				
		Current state of DI53:0=OFF				
		Current state of DI54:0=OFF				
		Current state of DI55:0=OFF				
		Current state of DI56:0=OFF				
		Current state of DI57:0=OFF				
		Current state of DI58:0=OFF				
		Current state of DI59:0=OFF				
		Current state of DI60:0=OFF				
		Current state of DI61:0=OFF				
		Current state of DI62:0=OFF				
		Current state of DI63:0=OFF				
		Current state of DI64:1=ON				

Current state of all digital inputs DI49..DI64
Bit 0: =0:DI49 is OFF, =1:DI49 is ON
Bit 1: =0:DI50 is OFF, =1:DI50 is ON
Bit 2: =0:DI51 is OFF, =1:DI51 is ON
Bit 3: =0:DI52 is OFF, =1:DI52 is ON
Bit 4: =0:DI53 is OFF, =1:DI53 is ON
Bit 5: =0:DI54 is OFF, =1:DI54 is ON
Bit 6: =0:DI55 is OFF, =1:DI55 is ON
Bit 7: =0:DI56 is OFF, =1:DI56 is ON
Bit 8: =0:DI57 is OFF, =1:DI57 is ON
Bit 9: =0:DI58 is OFF, =1:DI58 is ON
Bit 10: =0:DI59 is OFF, =1:DI59 is ON
Bit 11: =0:DI60 is OFF, =1:DI60 is ON
Bit 12: =0:DI61 is OFF, =1:DI61 is ON
Bit 13: =0:DI62 is OFF, =1:DI62 is ON
Bit 14: =0:DI63 is OFF, =1:DI63 is ON
Bit 15: =0:DI64 is OFF, =1:DI64 is ON

STATUS OF DIP SWITCH	3x10010 4x10010 I:10009	65,0x0041 B:00 41			UINT16 R/O	
		Current state of DIP SWITCH1:1=ON				
		Current state of DIP SWITCH2:0=OFF				
		Current state of DIP SWITCH3:0=OFF				
		Current state of DIP SWITCH4:0=OFF				
		Current state of DIP SWITCH5:0=OFF				
		Current state of DIP SWITCH6:0=OFF				
		Current state of DIP SWITCH7:1=ON				
		Current state of DIP SWITCH8:0=OFF				
Current state of the DIP switch 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) Bit 8-15: always 0						
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI1						
RISE DI1	3x20001 4x20001 I:20000	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
Counter for rising edges on the digital input DIx. If the module detects a rising edge on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0.						
FALL DI1	3x20002 4x20002 I:20001	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
Counter for falling edges on the digital input DIx. If the module detects a falling edge on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0.						
CHANGE DI1	3x20003 4x20003 I:20002	8,0x0008 B:00 08			UINT16 R/O	
		8 event(s)				
Counter for events on the digital input DIx. If the module detects an event on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0. The following events are available: Detecion of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress						

SHORT KEYPRESS DI1	3x20004 4x20004 I:20003	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
Counter for short keypress events on the digital input DIx. If the module detects a short keypress on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0.						
LONG KEYPRESS START DI1	3x20005 4x20005 I:20004	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
Counter for start events of long keypress actions on the digital input DIx. If the module detects the start of a long keypress action on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0.						
LONG KEYPRESS END DI1	3x20006 4x20006 I:20005	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
Counter for end events of long keypress actions on the digital input DIx. If the module detects the end of a long keypress action on the digital input, this counter is incremented by 1. After power on or a soft reset this counter is set always to 0. With the function RESET COUNTER this counter is also set to 0.						
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI2						
RISE DI2	3x20011 4x20011 I:20010	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI2	3x20012 4x20012 I:20011	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI2	3x20013 4x20013 I:20012	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI2	3x20014 4x20014 I:20013	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI2	3x20015 4x20015 I:20014	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI2	3x20016 4x20016 I:20015	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				

DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI3						
RISE DI3	3x20021 4x20021 I:20020	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI3	3x20022 4x20022 I:20021	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI3	3x20023 4x20023 I:20022	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI3	3x20024 4x20024 I:20023	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI3	3x20025 4x20025 I:20024	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI3	3x20026 4x20026 I:20025	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI4						
RISE DI4	3x20031 4x20031 I:20030	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI4	3x20032 4x20032 I:20031	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI4	3x20033 4x20033 I:20032	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI4	3x20034 4x20034 I:20033	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI4	3x20035 4x20035 I:20034	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				

LONG KEYPRESS END DI4	3x20036 4x20036 I:20035	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI5						
RISE DI5	3x20041 4x20041 I:20040	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI5	3x20042 4x20042 I:20041	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI5	3x20043 4x20043 I:20042	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI5	3x20044 4x20044 I:20043	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI5	3x20045 4x20045 I:20044	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI5	3x20046 4x20046 I:20045	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI6						
RISE DI6	3x20051 4x20051 I:20050	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI6	3x20052 4x20052 I:20051	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI6	3x20053 4x20053 I:20052	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI6	3x20054 4x20054 I:20053	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				

LONG KEYPRESS START DI6	3x20055 4x20055 I:20054	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI6	3x20056 4x20056 I:20055	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI7						
RISE DI7	3x20061 4x20061 I:20060	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI7	3x20062 4x20062 I:20061	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI7	3x20063 4x20063 I:20062	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI7	3x20064 4x20064 I:20063	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI7	3x20065 4x20065 I:20064	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI7	3x20066 4x20066 I:20065	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI8						
RISE DI8	3x20071 4x20071 I:20070	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI8	3x20072 4x20072 I:20071	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI8	3x20073 4x20073 I:20072	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				

SHORT KEYPRESS DI8	3x20074 4x20074 I:20073	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI8	3x20075 4x20075 I:20074	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI8	3x20076 4x20076 I:20075	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI9						
RISE DI9	3x20081 4x20081 I:20080	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI9	3x20082 4x20082 I:20081	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI9	3x20083 4x20083 I:20082	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI9	3x20084 4x20084 I:20083	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI9	3x20085 4x20085 I:20084	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI9	3x20086 4x20086 I:20085	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI10						
RISE DI10	3x20091 4x20091 I:20090	15,0x000F B:00 0F			UINT16 R/O	
		15 event(s)				
FALL DI10	3x20092 4x20092 I:20091	15,0x000F B:00 0F			UINT16 R/O	
		15 event(s)				

CHANGE DI10	3x20093 4x20093 I:20092	18,0x0012 B:00 12			UINT16 R/O	
		18 event(s)				
SHORT KEYPRESS DI10	3x20094 4x20094 I:20093	12,0x000C B:00 0C			UINT16 R/O	
		12 event(s)				
LONG KEYPRESS START DI10	3x20095 4x20095 I:20094	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI10	3x20096 4x20096 I:20095	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI11						
RISE DI11	3x20101 4x20101 I:20100	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI11	3x20102 4x20102 I:20101	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI11	3x20103 4x20103 I:20102	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI11	3x20104 4x20104 I:20103	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI11	3x20105 4x20105 I:20104	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI11	3x20106 4x20106 I:20105	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI12						
RISE DI12	3x20111 4x20111 I:20110	14,0x000E B:00 0E			UINT16 R/O	
		14 event(s)				

FALL DI12	3x20112 4x20112 I:20111	14,0x000E B:00 0E			UINT16 R/O	
		14 event(s)				
CHANGE DI12	3x20113 4x20113 I:20112	17,0x0011 B:00 11			UINT16 R/O	
		17 event(s)				
SHORT KEYPRESS DI12	3x20114 4x20114 I:20113	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
LONG KEYPRESS START DI12	3x20115 4x20115 I:20114	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI12	3x20116 4x20116 I:20115	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI13						
RISE DI13	3x20121 4x20121 I:20120	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALL DI13	3x20122 4x20122 I:20121	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
CHANGE DI13	3x20123 4x20123 I:20122	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
SHORT KEYPRESS DI13	3x20124 4x20124 I:20123	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS START DI13	3x20125 4x20125 I:20124	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI13	3x20126 4x20126 I:20125	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI14						

RISE DI14	3x20131 4x20131 I:20130	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALL DI14	3x20132 4x20132 I:20131	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
CHANGE DI14	3x20133 4x20133 I:20132	8,0x0008 B:00 08			UINT16 R/O	
		8 event(s)				
SHORT KEYPRESS DI14	3x20134 4x20134 I:20133	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
LONG KEYPRESS START DI14	3x20135 4x20135 I:20134	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI14	3x20136 4x20136 I:20135	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI15						
RISE DI15	3x20141 4x20141 I:20140	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI15	3x20142 4x20142 I:20141	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI15	3x20143 4x20143 I:20142	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
SHORT KEYPRESS DI15	3x20144 4x20144 I:20143	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI15	3x20145 4x20145 I:20144	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				

LONG KEYPRESS END DI15	3x20146 4x20146 I:20145	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI16						
RISE DI16	3x20151 4x20151 I:20150	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI16	3x20152 4x20152 I:20151	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI16	3x20153 4x20153 I:20152	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
SHORT KEYPRESS DI16	3x20154 4x20154 I:20153	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI16	3x20155 4x20155 I:20154	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI16	3x20156 4x20156 I:20155	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI17						
RISE DI17	3x20161 4x20161 I:20160	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALL DI17	3x20162 4x20162 I:20161	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
CHANGE DI17	3x20163 4x20163 I:20162	10,0x000A B:00 0A			UINT16 R/O	
		10 event(s)				
SHORT KEYPRESS DI17	3x20164 4x20164 I:20163	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				

LONG KEYPRESS START DI17	3x20165 4x20165 I:20164	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
LONG KEYPRESS END DI17	3x20166 4x20166 I:20165	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI18						
RISE DI18	3x20171 4x20171 I:20170	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI18	3x20172 4x20172 I:20171	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI18	3x20173 4x20173 I:20172	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI18	3x20174 4x20174 I:20173	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI18	3x20175 4x20175 I:20174	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS END DI18	3x20176 4x20176 I:20175	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI19						
RISE DI19	3x20181 4x20181 I:20180	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALL DI19	3x20182 4x20182 I:20181	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
CHANGE DI19	3x20183 4x20183 I:20182	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				

SHORT KEYPRESS DI19	3x20184 4x20184 I:20183	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS START DI19	3x20185 4x20185 I:20184	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI19	3x20186 4x20186 I:20185	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI20						
RISE DI20	3x20191 4x20191 I:20190	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALL DI20	3x20192 4x20192 I:20191	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
CHANGE DI20	3x20193 4x20193 I:20192	8,0x0008 B:00 08			UINT16 R/O	
		8 event(s)				
SHORT KEYPRESS DI20	3x20194 4x20194 I:20193	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI20	3x20195 4x20195 I:20194	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI20	3x20196 4x20196 I:20195	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI21						
RISE DI21	3x20201 4x20201 I:20200	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALL DI21	3x20202 4x20202 I:20201	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				

CHANGE DI21	3x20203 4x20203 I:20202	8,0x0008 B:00 08			UINT16 R/O	
		8 event(s)				
SHORT KEYPRESS DI21	3x20204 4x20204 I:20203	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
LONG KEYPRESS START DI21	3x20205 4x20205 I:20204	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI21	3x20206 4x20206 I:20205	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI22						
RISE DI22	3x20211 4x20211 I:20210	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALL DI22	3x20212 4x20212 I:20211	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
CHANGE DI22	3x20213 4x20213 I:20212	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
SHORT KEYPRESS DI22	3x20214 4x20214 I:20213	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS START DI22	3x20215 4x20215 I:20214	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI22	3x20216 4x20216 I:20215	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI23						
RISE DI23	3x20221 4x20221 I:20220	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				

FALL DI23	3x20222 4x20222 I:20221	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI23	3x20223 4x20223 I:20222	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
SHORT KEYPRESS DI23	3x20224 4x20224 I:20223	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI23	3x20225 4x20225 I:20224	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI23	3x20226 4x20226 I:20225	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI24						
RISE DI24	3x20231 4x20231 I:20230	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALL DI24	3x20232 4x20232 I:20231	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
CHANGE DI24	3x20233 4x20233 I:20232	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
SHORT KEYPRESS DI24	3x20234 4x20234 I:20233	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS START DI24	3x20235 4x20235 I:20234	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI24	3x20236 4x20236 I:20235	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI25						

RISE DI25	3x20241 4x20241 I:20240	10,0x000A B:00 0A			UINT16 R/O	
		10 event(s)				
FALL DI25	3x20242 4x20242 I:20241	10,0x000A B:00 0A			UINT16 R/O	
		10 event(s)				
CHANGE DI25	3x20243 4x20243 I:20242	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
SHORT KEYPRESS DI25	3x20244 4x20244 I:20243	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				
LONG KEYPRESS START DI25	3x20245 4x20245 I:20244	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS END DI25	3x20246 4x20246 I:20245	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI26						
RISE DI26	3x20251 4x20251 I:20250	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI26	3x20252 4x20252 I:20251	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI26	3x20253 4x20253 I:20252	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
SHORT KEYPRESS DI26	3x20254 4x20254 I:20253	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS START DI26	3x20255 4x20255 I:20254	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				

LONG KEYPRESS END DI26	3x20256 4x20256 I:20255	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI27						
RISE DI27	3x20261 4x20261 I:20260	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI27	3x20262 4x20262 I:20261	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI27	3x20263 4x20263 I:20262	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI27	3x20264 4x20264 I:20263	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI27	3x20265 4x20265 I:20264	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI27	3x20266 4x20266 I:20265	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI28						
RISE DI28	3x20271 4x20271 I:20270	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI28	3x20272 4x20272 I:20271	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI28	3x20273 4x20273 I:20272	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
SHORT KEYPRESS DI28	3x20274 4x20274 I:20273	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				

LONG KEYPRESS START DI28	3x20275 4x20275 I:20274	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI28	3x20276 4x20276 I:20275	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI29						
RISE DI29	3x20281 4x20281 I:20280	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI29	3x20282 4x20282 I:20281	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI29	3x20283 4x20283 I:20282	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI29	3x20284 4x20284 I:20283	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI29	3x20285 4x20285 I:20284	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI29	3x20286 4x20286 I:20285	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI30						
RISE DI30	3x20291 4x20291 I:20290	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI30	3x20292 4x20292 I:20291	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI30	3x20293 4x20293 I:20292	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				

SHORT KEYPRESS DI30	3x20294 4x20294 I:20293	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI30	3x20295 4x20295 I:20294	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI30	3x20296 4x20296 I:20295	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI31						
RISE DI31	3x20301 4x20301 I:20300	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI31	3x20302 4x20302 I:20301	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI31	3x20303 4x20303 I:20302	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI31	3x20304 4x20304 I:20303	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI31	3x20305 4x20305 I:20304	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI31	3x20306 4x20306 I:20305	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI32						
RISE DI32	3x20311 4x20311 I:20310	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
FALL DI32	3x20312 4x20312 I:20311	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				

CHANGE DI32	3x20313 4x20313 I:20312	16,0x0010 B:00 10			UINT16 R/O	
		16 event(s)				
SHORT KEYPRESS DI32	3x20314 4x20314 I:20313	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
LONG KEYPRESS START DI32	3x20315 4x20315 I:20314	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
LONG KEYPRESS END DI32	3x20316 4x20316 I:20315	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI33						
RISE DI33	3x20321 4x20321 I:20320	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
FALL DI33	3x20322 4x20322 I:20321	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
CHANGE DI33	3x20323 4x20323 I:20322	10,0x000A B:00 0A			UINT16 R/O	
		10 event(s)				
SHORT KEYPRESS DI33	3x20324 4x20324 I:20323	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI33	3x20325 4x20325 I:20324	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
LONG KEYPRESS END DI33	3x20326 4x20326 I:20325	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI34						
RISE DI34	3x20331 4x20331 I:20330	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				

FALL DI34	3x20332 4x20332 I:20331	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI34	3x20333 4x20333 I:20332	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI34	3x20334 4x20334 I:20333	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI34	3x20335 4x20335 I:20334	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI34	3x20336 4x20336 I:20335	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI35						
RISE DI35	3x20341 4x20341 I:20340	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI35	3x20342 4x20342 I:20341	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI35	3x20343 4x20343 I:20342	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
SHORT KEYPRESS DI35	3x20344 4x20344 I:20343	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI35	3x20345 4x20345 I:20344	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI35	3x20346 4x20346 I:20345	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI36						

RISE DI36	3x20351 4x20351 I:20350	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI36	3x20352 4x20352 I:20351	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI36	3x20353 4x20353 I:20352	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI36	3x20354 4x20354 I:20353	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI36	3x20355 4x20355 I:20354	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI36	3x20356 4x20356 I:20355	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI37						
RISE DI37	3x20361 4x20361 I:20360	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI37	3x20362 4x20362 I:20361	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI37	3x20363 4x20363 I:20362	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI37	3x20364 4x20364 I:20363	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI37	3x20365 4x20365 I:20364	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				

LONG KEYPRESS END DI37	3x20366 4x20366 I:20365	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI38						
RISE DI38	3x20371 4x20371 I:20370	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI38	3x20372 4x20372 I:20371	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI38	3x20373 4x20373 I:20372	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI38	3x20374 4x20374 I:20373	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI38	3x20375 4x20375 I:20374	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI38	3x20376 4x20376 I:20375	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI39						
RISE DI39	3x20381 4x20381 I:20380	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI39	3x20382 4x20382 I:20381	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI39	3x20383 4x20383 I:20382	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI39	3x20384 4x20384 I:20383	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				

LONG KEYPRESS START DI39	3x20385 4x20385 I:20384	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS END DI39	3x20386 4x20386 I:20385	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI40						
RISE DI40	3x20391 4x20391 I:20390	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI40	3x20392 4x20392 I:20391	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI40	3x20393 4x20393 I:20392	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
SHORT KEYPRESS DI40	3x20394 4x20394 I:20393	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI40	3x20395 4x20395 I:20394	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS END DI40	3x20396 4x20396 I:20395	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI41						
RISE DI41	3x20401 4x20401 I:20400	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI41	3x20402 4x20402 I:20401	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI41	3x20403 4x20403 I:20402	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				

SHORT KEYPRESS DI41	3x20404 4x20404 I:20403	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI41	3x20405 4x20405 I:20404	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI41	3x20406 4x20406 I:20405	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI42						
RISE DI42	3x20411 4x20411 I:20410	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI42	3x20412 4x20412 I:20411	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI42	3x20413 4x20413 I:20412	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
SHORT KEYPRESS DI42	3x20414 4x20414 I:20413	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI42	3x20415 4x20415 I:20414	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI42	3x20416 4x20416 I:20415	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI43						
RISE DI43	3x20421 4x20421 I:20420	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI43	3x20422 4x20422 I:20421	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				

CHANGE DI43	3x20423 4x20423 I:20422	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI43	3x20424 4x20424 I:20423	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI43	3x20425 4x20425 I:20424	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI43	3x20426 4x20426 I:20425	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI44						
RISE DI44	3x20431 4x20431 I:20430	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI44	3x20432 4x20432 I:20431	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI44	3x20433 4x20433 I:20432	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI44	3x20434 4x20434 I:20433	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI44	3x20435 4x20435 I:20434	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI44	3x20436 4x20436 I:20435	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI45						
RISE DI45	3x20441 4x20441 I:20440	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				

FALL DI45	3x20442 4x20442 I:20441	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI45	3x20443 4x20443 I:20442	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
SHORT KEYPRESS DI45	3x20444 4x20444 I:20443	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI45	3x20445 4x20445 I:20444	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI45	3x20446 4x20446 I:20445	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI46						
RISE DI46	3x20451 4x20451 I:20450	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI46	3x20452 4x20452 I:20451	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI46	3x20453 4x20453 I:20452	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI46	3x20454 4x20454 I:20453	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI46	3x20455 4x20455 I:20454	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI46	3x20456 4x20456 I:20455	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI47						

RISE DI47	3x20461 4x20461 I:20460	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI47	3x20462 4x20462 I:20461	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI47	3x20463 4x20463 I:20462	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI47	3x20464 4x20464 I:20463	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI47	3x20465 4x20465 I:20464	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI47	3x20466 4x20466 I:20465	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI48						
RISE DI48	3x20471 4x20471 I:20470	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI48	3x20472 4x20472 I:20471	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI48	3x20473 4x20473 I:20472	8,0x0008 B:00 08			UINT16 R/O	
		8 event(s)				
SHORT KEYPRESS DI48	3x20474 4x20474 I:20473	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI48	3x20475 4x20475 I:20474	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				

LONG KEYPRESS END DI48	3x20476 4x20476 I:20475	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI49						
RISE DI49	3x20481 4x20481 I:20480	22,0x0016 B:00 16			UINT16 R/O	
		22 event(s)				
FALL DI49	3x20482 4x20482 I:20481	22,0x0016 B:00 16			UINT16 R/O	
		22 event(s)				
CHANGE DI49	3x20483 4x20483 I:20482	33,0x0021 B:00 21			UINT16 R/O	
		33 event(s)				
SHORT KEYPRESS DI49	3x20484 4x20484 I:20483	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
LONG KEYPRESS START DI49	3x20485 4x20485 I:20484	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
LONG KEYPRESS END DI49	3x20486 4x20486 I:20485	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI50						
RISE DI50	3x20491 4x20491 I:20490	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
FALL DI50	3x20492 4x20492 I:20491	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
CHANGE DI50	3x20493 4x20493 I:20492	13,0x000D B:00 0D			UINT16 R/O	
		13 event(s)				
SHORT KEYPRESS DI50	3x20494 4x20494 I:20493	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				

LONG KEYPRESS START DI50	3x20495 4x20495 I:20494	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
LONG KEYPRESS END DI50	3x20496 4x20496 I:20495	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI51						
RISE DI51	3x20501 4x20501 I:20500	16,0x0010 B:00 10			UINT16 R/O	
		16 event(s)				
FALL DI51	3x20502 4x20502 I:20501	16,0x0010 B:00 10			UINT16 R/O	
		16 event(s)				
CHANGE DI51	3x20503 4x20503 I:20502	25,0x0019 B:00 19			UINT16 R/O	
		25 event(s)				
SHORT KEYPRESS DI51	3x20504 4x20504 I:20503	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
LONG KEYPRESS START DI51	3x20505 4x20505 I:20504	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				
LONG KEYPRESS END DI51	3x20506 4x20506 I:20505	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI52						
RISE DI52	3x20511 4x20511 I:20510	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				
FALL DI52	3x20512 4x20512 I:20511	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				
CHANGE DI52	3x20513 4x20513 I:20512	14,0x000E B:00 0E			UINT16 R/O	
		14 event(s)				

SHORT KEYPRESS DI52	3x20514 4x20514 I:20513	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
LONG KEYPRESS START DI52	3x20515 4x20515 I:20514	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
LONG KEYPRESS END DI52	3x20516 4x20516 I:20515	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI53						
RISE DI53	3x20521 4x20521 I:20520	28,0x001C B:00 1C			UINT16 R/O	
		28 event(s)				
FALL DI53	3x20522 4x20522 I:20521	28,0x001C B:00 1C			UINT16 R/O	
		28 event(s)				
CHANGE DI53	3x20523 4x20523 I:20522	34,0x0022 B:00 22			UINT16 R/O	
		34 event(s)				
SHORT KEYPRESS DI53	3x20524 4x20524 I:20523	22,0x0016 B:00 16			UINT16 R/O	
		22 event(s)				
LONG KEYPRESS START DI53	3x20525 4x20525 I:20524	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
LONG KEYPRESS END DI53	3x20526 4x20526 I:20525	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI54						
RISE DI54	3x20531 4x20531 I:20530	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				
FALL DI54	3x20532 4x20532 I:20531	5,0x0005 B:00 05			UINT16 R/O	
		5 event(s)				

CHANGE DI54	3x20533 4x20533 I:20532	8,0x0008 B:00 08			UINT16 R/O	
		8 event(s)				
SHORT KEYPRESS DI54	3x20534 4x20534 I:20533	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS START DI54	3x20535 4x20535 I:20534	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI54	3x20536 4x20536 I:20535	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI55						
RISE DI55	3x20541 4x20541 I:20540	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI55	3x20542 4x20542 I:20541	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI55	3x20543 4x20543 I:20542	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI55	3x20544 4x20544 I:20543	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI55	3x20545 4x20545 I:20544	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI55	3x20546 4x20546 I:20545	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI56						
RISE DI56	3x20551 4x20551 I:20550	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				

FALL DI56	3x20552 4x20552 I:20551	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI56	3x20553 4x20553 I:20552	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
SHORT KEYPRESS DI56	3x20554 4x20554 I:20553	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI56	3x20555 4x20555 I:20554	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI56	3x20556 4x20556 I:20555	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI57						
RISE DI57	3x20561 4x20561 I:20560	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
FALL DI57	3x20562 4x20562 I:20561	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
CHANGE DI57	3x20563 4x20563 I:20562	7,0x0007 B:00 07			UINT16 R/O	
		7 event(s)				
SHORT KEYPRESS DI57	3x20564 4x20564 I:20563	1,0x0001 B:00 01			UINT16 R/O	
		1 event(s)				
LONG KEYPRESS START DI57	3x20565 4x20565 I:20564	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
LONG KEYPRESS END DI57	3x20566 4x20566 I:20565	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI58						

RISE DI58	3x20571 4x20571 I:20570	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI58	3x20572 4x20572 I:20571	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI58	3x20573 4x20573 I:20572	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI58	3x20574 4x20574 I:20573	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI58	3x20575 4x20575 I:20574	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI58	3x20576 4x20576 I:20575	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI59						
RISE DI59	3x20581 4x20581 I:20580	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
FALL DI59	3x20582 4x20582 I:20581	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
CHANGE DI59	3x20583 4x20583 I:20582	6,0x0006 B:00 06			UINT16 R/O	
		6 event(s)				
SHORT KEYPRESS DI59	3x20584 4x20584 I:20583	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI59	3x20585 4x20585 I:20584	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				

LONG KEYPRESS END DI59	3x20586 4x20586 I:20585	3,0x0003 B:00 03			UINT16 R/O	
		3 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI60						
RISE DI60	3x20591 4x20591 I:20590	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI60	3x20592 4x20592 I:20591	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI60	3x20593 4x20593 I:20592	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI60	3x20594 4x20594 I:20593	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI60	3x20595 4x20595 I:20594	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI60	3x20596 4x20596 I:20595	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI61						
RISE DI61	3x20601 4x20601 I:20600	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI61	3x20602 4x20602 I:20601	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI61	3x20603 4x20603 I:20602	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI61	3x20604 4x20604 I:20603	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				

LONG KEYPRESS START DI61	3x20605 4x20605 I:20604	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI61	3x20606 4x20606 I:20605	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI62						
RISE DI62	3x20611 4x20611 I:20610	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI62	3x20612 4x20612 I:20611	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI62	3x20613 4x20613 I:20612	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				
SHORT KEYPRESS DI62	3x20614 4x20614 I:20613	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI62	3x20615 4x20615 I:20614	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI62	3x20616 4x20616 I:20615	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI63						
RISE DI63	3x20621 4x20621 I:20620	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
FALL DI63	3x20622 4x20622 I:20621	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
CHANGE DI63	3x20623 4x20623 I:20622	4,0x0004 B:00 04			UINT16 R/O	
		4 event(s)				

SHORT KEYPRESS DI63	3x20624 4x20624 I:20623	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
LONG KEYPRESS START DI63	3x20625 4x20625 I:20624	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
LONG KEYPRESS END DI63	3x20626 4x20626 I:20625	2,0x0002 B:00 02			UINT16 R/O	
		2 event(s)				
DIGITAL INPUTS: STATUS FOR DIGITAL INPUT DI64						
RISE DI64	3x20631 4x20631 I:20630	21,0x0015 B:00 15			UINT16 R/O	
		21 event(s)				
FALL DI64	3x20632 4x20632 I:20631	20,0x0014 B:00 14			UINT16 R/O	
		20 event(s)				
CHANGE DI64	3x20633 4x20633 I:20632	39,0x0027 B:00 27			UINT16 R/O	
		39 event(s)				
SHORT KEYPRESS DI64	3x20634 4x20634 I:20633	11,0x000B B:00 0B			UINT16 R/O	
		11 event(s)				
LONG KEYPRESS START DI64	3x20635 4x20635 I:20634	19,0x0013 B:00 13			UINT16 R/O	
		19 event(s)				
LONG KEYPRESS END DI64	3x20636 4x20636 I:20635	9,0x0009 B:00 09			UINT16 R/O	
		9 event(s)				

DIGITAL INPUTS				
GET DIGITAL INPUTS	**ASCII READ COMMAND**	#GET DIS<CR> #GDIS<CR> Result: #GDIS:<DISDec>,<DISHex><CR>	ASCII	
	TX	#GET DIS<CR>		
	RX	#1,GDIS:9223372036854775808,0x8000000000000000<CR>		
		Current status of digital inputs:1000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000		
Returns the current state of all 64 digital inputs as decimal number and as hexadecimal number. DISDec, DISHex The current state of all digital inputs: Bit 0: State of DI1 (=0:OFF, =1:ON) Bit 1: State of DI2 (=0:OFF, =1:ON) ... Bit 63: State of DI64 (=0:OFF, =1:ON)				
GET DIGITAL INPUT DIx	**ASCII READ COMMAND**	#GET DI<DINR><CR> #GDI<DINR><CR> Result: #GDI<DINR>:<DIxDec>,<DIxHex><CR>	ASCII	
	DINR	64		
	TX	#GET DI64<CR>		
	RX	#1,GDI64:1,0x1<CR>		
		Current status of digital input DI64:1=ON		
Returns the current state of the digital input Dix as decimal number and as hexadecimal number. X stands for the desired digital input between 1 and 16. DIxDec, DIxHex: The current state of the digital input x: =0: Digital input is OFF =1: Digital input is ON				
GET ALL CHANGES	**ASCII READ COMMAND**	#GET ALL CHANGES<CR> #GAC<CR> Result: #GAC:<ChangesDec>,<ChangesHex><CR>	ASCII	
	TX	#GET ALL CHANGES<CR>		
	RX	#1,GAC:528,0x210<CR>		
		Current change counter:528		
Returns the counter for changes on all digital inputs. As soon as the module detects a short keypress or long key press or long key release event, this counter is incremented by 1. If this values has changed sience the last polling request, the host knows, that at least one digital input has changed its state.				
CHANGE ALL DIS	**ASCII READ COMMAND**	#CHANGE ALL DIS<CR> #CADIS<CR> Result: #CADIS:<ChangeDI1Dec>,...,<ChangeDI64Dec>,<ChangeDI1Hex>,...,<ChangeDI64Hex><CR>	ASCII	
	TX	#CHANGE ALL DIS<CR>		

	RX	#1,CADIS:8,6,6,4,4,4,4,4,6,18,6,17,7,8,5,7,10,4,7,8,8,7,5,7,11,5,6,5,4,6,4,16,10,6,5,4,4,6,4,3,6,5,6,4,5,4,6,8,33,13,25,14,34,8,4,7,7,4,6,4,4,4,4,44,0x8,0x6,0x6,0x4,0x4,0x4,0x4,0x4,0x4,0x6,0x12,0x6,0x11,0x7,0x8,0x5,0x7,0xA,0x4,0x7,0x8,0x8,0x7,0x5,0x7,0xB,0x5,0x6,0x5,0x4,0x6,0x4,0x10,0xA,0x6,0x5,0x4,0x4,0x6,0x4,0x3,0x6,0x5,0x6,0x4,0x5,0x4,0x6,0x8,0x21,0xD,0x19,0xE,0x22,0x8,0x4,0x7,0x7,0x4,0x6,0x4,0x4,0x4,0x4,0x2C<CR>		
		Current counter for changes on DI1:8		
		Current counter for changes on DI2:6		
		Current counter for changes on DI3:6		
		Current counter for changes on DI4:4		
		Current counter for changes on DI5:4		
		Current counter for changes on DI6:4		
		Current counter for changes on DI7:4		
		Current counter for changes on DI8:4		
		Current counter for changes on DI9:6		
		Current counter for changes on DI10:18		
		Current counter for changes on DI11:6		
		Current counter for changes on DI12:17		
		Current counter for changes on DI13:7		
		Current counter for changes on DI14:8		
		Current counter for changes on DI15:5		
		Current counter for changes on DI16:7		
		Current counter for changes on DI17:10		
		Current counter for changes on DI18:4		
		Current counter for changes on DI19:7		
		Current counter for changes on DI20:8		
		Current counter for changes on DI21:8		
		Current counter for changes on DI22:7		
		Current counter for changes on DI23:5		
		Current counter for changes on DI24:7		
		Current counter for changes on DI25:11		
		Current counter for changes on DI26:5		
		Current counter for changes on DI27:6		
		Current counter for changes on DI28:5		
		Current counter for changes on DI29:4		
		Current counter for changes on DI30:6		
		Current counter for changes on DI31:4		
		Current counter for changes on DI32:16		
		Current counter for changes on DI33:10		
		Current counter for changes on DI34:6		
		Current counter for changes on DI35:5		
		Current counter for changes on DI36:4		
		Current counter for changes on DI37:4		
		Current counter for changes on DI38:6		
		Current counter for changes on DI39:4		

		Current counter for changes on DI40:3		
		Current counter for changes on DI41:6		
		Current counter for changes on DI42:5		
		Current counter for changes on DI43:6		
		Current counter for changes on DI44:4		
		Current counter for changes on DI45:5		
		Current counter for changes on DI46:4		
		Current counter for changes on DI47:6		
		Current counter for changes on DI48:8		
		Current counter for changes on DI49:33		
		Current counter for changes on DI50:13		
		Current counter for changes on DI51:25		
		Current counter for changes on DI52:14		
		Current counter for changes on DI53:34		
		Current counter for changes on DI54:8		
		Current counter for changes on DI55:4		
		Current counter for changes on DI56:7		
		Current counter for changes on DI57:7		
		Current counter for changes on DI58:4		
		Current counter for changes on DI59:6		
		Current counter for changes on DI60:4		
		Current counter for changes on DI61:4		
		Current counter for changes on DI62:4		
		Current counter for changes on DI63:4		
		Current counter for changes on DI64:44		
Returns for each digital input the counter for changes. As soon as the module detects a signal change on a digital input, the change counter for the affected digital input is incremented by 1. A signal change can be: Detection of a short keypress Detection of the start of a long keypress Detection of a release of a long keypress				
CHANGE DIx	**ASCII READ COMMAND**	#CHANGE DI<DINR><CR> #CDI<DINR><CR> Result: #CDI<DINR>:<ChangesDec>,<ChangesHex><CR>	ASCII	
	DINR	64		
	TX	#CHANGE DI64<CR>		
	RX	#1,CDI64:44,0x2C<CR>		
		Current counter for changes on digital input DI64:44		
Returns for digital input <DINR> the counter for signal changes. As soon as the module detects a signal change on a digital input, the change counter for the affected digital input is incremented by 1. A signal change can be: Detection of a short keypress Detection of the start of a long keypress Detection of a release of a long keypress				

SHORT KEY ALL DIS	**ASCII READ COMMAND**	#SHORT KEY ALL DIS<CR> #SKADIS<CR> Result: #SKADIS:<ShortKeyDI1Dec>,...,<ShortKeyDI64Dec>, <ShortKeyDI1Hex>,...,<ShortKeyDI64Hex><CR>	ASCII	
	TX	#SHORT KEY ALL DIS<CR>		
	RX	#1,SKADIS:0,0,0,0,0,0,0,0,0,12,2,11,3,4,1,1,2,2,3,2,4,3,1,3,9,3,2,1,0,2,0,6,2,2,1,0,0,2,2,1,2,1,2,0,1,0,2,0,11,1,7,6,22,2,0,1,1,0,0,0,0,0,0,0,11,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0xC,0x2,0xB,0x3,0x4,0x1,0x1,0x2,0x2,0x3,0x2,0x4,0x3,0x1,0x3,0x9,0x3,0x2,0x1,0x0,0x2,0x0,0x6,0x2,0x2,0x1,0x0,0x0,0x2,0x2,0x1,0x2,0x1,0x2,0x0,0x1,0x0,0x2,0x0,0xB,0x1,0x7,0x6,0x16,0x2,0x0,0x1,0x1,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0xB<CR>		
		Current counter for short keypress events on DI1:0		
		Current counter for short keypress events on DI2:0		
		Current counter for short keypress events on DI3:0		
		Current counter for short keypress events on DI4:0		
		Current counter for short keypress events on DI5:0		
		Current counter for short keypress events on DI6:0		
		Current counter for short keypress events on DI7:0		
		Current counter for short keypress events on DI8:0		
		Current counter for short keypress events on DI9:0		
		Current counter for short keypress events on DI10:12		
		Current counter for short keypress events on DI11:2		
		Current counter for short keypress events on DI12:11		
		Current counter for short keypress events on DI13:3		
		Current counter for short keypress events on DI14:4		
		Current counter for short keypress events on DI15:1		
		Current counter for short keypress events on DI16:1		
		Current counter for short keypress events on DI17:2		
		Current counter for short keypress events on DI18:2		
		Current counter for short keypress events on DI19:3		
		Current counter for short keypress events on DI20:2		
		Current counter for short keypress events on DI21:4		
		Current counter for short keypress events on DI22:3		
		Current counter for short keypress events on DI23:1		
		Current counter for short keypress events on DI24:3		
		Current counter for short keypress events on DI25:9		
		Current counter for short keypress events on DI26:3		
		Current counter for short keypress events on DI27:2		
		Current counter for short keypress events on DI28:1		
		Current counter for short keypress events on DI29:0		
		Current counter for short keypress events on DI30:2		
		Current counter for short keypress events on DI31:0		
		Current counter for short keypress events on DI32:6		
		Current counter for short keypress events on DI33:2		

		Current counter for short keypress events on DI34:2		
		Current counter for short keypress events on DI35:1		
		Current counter for short keypress events on DI36:0		
		Current counter for short keypress events on DI37:0		
		Current counter for short keypress events on DI38:2		
		Current counter for short keypress events on DI39:2		
		Current counter for short keypress events on DI40:1		
		Current counter for short keypress events on DI41:2		
		Current counter for short keypress events on DI42:1		
		Current counter for short keypress events on DI43:2		
		Current counter for short keypress events on DI44:0		
		Current counter for short keypress events on DI45:1		
		Current counter for short keypress events on DI46:0		
		Current counter for short keypress events on DI47:2		
		Current counter for short keypress events on DI48:0		
		Current counter for short keypress events on DI49:11		
		Current counter for short keypress events on DI50:1		
		Current counter for short keypress events on DI51:7		
		Current counter for short keypress events on DI52:6		
		Current counter for short keypress events on DI53:22		
		Current counter for short keypress events on DI54:2		
		Current counter for short keypress events on DI55:0		
		Current counter for short keypress events on DI56:1		
		Current counter for short keypress events on DI57:1		
		Current counter for short keypress events on DI58:0		
		Current counter for short keypress events on DI59:0		
		Current counter for short keypress events on DI60:0		
		Current counter for short keypress events on DI61:0		
		Current counter for short keypress events on DI62:0		
		Current counter for short keypress events on DI63:0		
		Current counter for short keypress events on DI64:11		
Returns for each digital input the counter for short keypress events. As soon as the module detects a short keypress on a digital input, the counter for the affected digital input is incremented by 1.				
SHORT KEY DIx	**ASCII READ COMMAND**	#SHORT KEY DI<DINR><CR> #SKDI<DINR><CR> Result: #SKDI<DINR>:<ShortKeyDec>,<ShortKeyHex><CR>	ASCII	
	DINR	64		
	TX	#SHORT KEY DI64<CR>		
	RX	#1,SKDI64:11,0xB<CR>		
		Current counter for short keypress events on digital input DI64:11		
Returns for digital input <DINR> the counter for short keypress events. As soon as the module detects a short keypress on a digital input, the counter for the affected digital input is incremented by 1.				

LONG KEY START ALL DIS	**ASCII READ COMMAND**	#LONG KEY START ALL DIS<CR> #LKSADIS<CR> Result: #LKSADIS:<LongKeyStartDI1Dec>,...,<LongKeyStartDI64Dec>, <LongKeyStartDI1Hex>,...,<LongKeyStartDI64Hex><CR>	ASCII	
	TX	#LONG KEY START ALL DIS<CR>		
	RX	#1,LKSADIS:4,3,3,2,2,2,2,2,3,3,2,3,2,2,2,3,4,1,2,3,2,2,2,2,1,1,2,2,2,2,2,5,4,2,2,2,2,2,1,1,2,2,2,2,2,2,2,4,11,6,9,5,6,3,2,3,3,2,3,2,2,2,2,23,0x4,0x3,0x3,0x2,0x2,0x2,0x2,0x2,0x3,0x3,0x2,0x3,0x2,0x2,0x2,0x3,0x4,0x1,0x2,0x3,0x2,0x2,0x2,0x2,0x2,0x1,0x1,0x2,0x2,0x2,0x2,0x2,0x5,0x4,0x2,0x2,0x2,0x2,0x2,0x2,0x1,0x1,0x2,0x2,0x2,0x2,0x2,0x2,0x2,0x2,0x4,0xB,0x6,0x9,0x5,0x6,0x3,0x2,0x3,0x3,0x2,0x3,0x2,0x2,0x2,0x2,0x17<CR>		
		Current counter for long keypress start events on DI1:4		
		Current counter for long keypress start events on DI2:3		
		Current counter for long keypress start events on DI3:3		
		Current counter for long keypress start events on DI4:2		
		Current counter for long keypress start events on DI5:2		
		Current counter for long keypress start events on DI6:2		
		Current counter for long keypress start events on DI7:2		
		Current counter for long keypress start events on DI8:2		
		Current counter for long keypress start events on DI9:3		
		Current counter for long keypress start events on DI10:3		
		Current counter for long keypress start events on DI11:2		
		Current counter for long keypress start events on DI12:3		
		Current counter for long keypress start events on DI13:2		
		Current counter for long keypress start events on DI14:2		
		Current counter for long keypress start events on DI15:2		
		Current counter for long keypress start events on DI16:3		
		Current counter for long keypress start events on DI17:4		
		Current counter for long keypress start events on DI18:1		
		Current counter for long keypress start events on DI19:2		
		Current counter for long keypress start events on DI20:3		
		Current counter for long keypress start events on DI21:2		
		Current counter for long keypress start events on DI22:2		
		Current counter for long keypress start events on DI23:2		
		Current counter for long keypress start events on DI24:2		
		Current counter for long keypress start events on DI25:1		
		Current counter for long keypress start events on DI26:1		
		Current counter for long keypress start events on DI27:2		
		Current counter for long keypress start events on DI28:2		
		Current counter for long keypress start events on DI29:2		
		Current counter for long keypress start events on DI30:2		
		Current counter for long keypress start events on DI31:2		
		Current counter for long keypress start events on DI32:5		
		Current counter for long keypress start events on DI33:4		

		Current counter for long keypress start events on DI34:2		
		Current counter for long keypress start events on DI35:2		
		Current counter for long keypress start events on DI36:2		
		Current counter for long keypress start events on DI37:2		
		Current counter for long keypress start events on DI38:2		
		Current counter for long keypress start events on DI39:1		
		Current counter for long keypress start events on DI40:1		
		Current counter for long keypress start events on DI41:2		
		Current counter for long keypress start events on DI42:2		
		Current counter for long keypress start events on DI43:2		
		Current counter for long keypress start events on DI44:2		
		Current counter for long keypress start events on DI45:2		
		Current counter for long keypress start events on DI46:2		
		Current counter for long keypress start events on DI47:2		
		Current counter for long keypress start events on DI48:4		
		Current counter for long keypress start events on DI49:11		
		Current counter for long keypress start events on DI50:6		
		Current counter for long keypress start events on DI51:9		
		Current counter for long keypress start events on DI52:5		
		Current counter for long keypress start events on DI53:6		
		Current counter for long keypress start events on DI54:3		
		Current counter for long keypress start events on DI55:2		
		Current counter for long keypress start events on DI56:3		
		Current counter for long keypress start events on DI57:3		
		Current counter for long keypress start events on DI58:2		
		Current counter for long keypress start events on DI59:3		
		Current counter for long keypress start events on DI60:2		
		Current counter for long keypress start events on DI61:2		
		Current counter for long keypress start events on DI62:2		
		Current counter for long keypress start events on DI63:2		
		Current counter for long keypress start events on DI64:23		
Returns for each digital input the counter for long keypress start events. As soon as the module detects the start of a long keypress on a digital input, the counter for the affected digital input is incremented by 1.				
LONG KEY START DIx	**ASCII READ COMMAND**	#LONG KEY START DI<DINR><CR> #LKSDI<DINR><CR> Result: #LKSDI<DINR>:<LongKeyStartDec>,<LongKeyStartHex><CR>	ASCII	
	DINR	64		
	TX	#LONG KEY START DI64<CR>		
	RX	#1,LKSDI64:23,0x17<CR>		
		Current counter for long keypress start events on digital input DI64:23		
Returns for digital input <DINR> the counter for long keypress start events. As soon as the module detects the start of a long keypress on a digital input, the counter for the affected digital input is incremented by 1.				

LONG KEY END ALL DIS	**ASCII READ COMMAND**	#LONG KEY END ALL DIS<CR> #LKEADIS<CR> Result: #LKEADIS:<LongKeyEndDI1Dec>,...,<LongKeyEndDI64Dec>, <LongKeyEndDI1Hex>,...,<LongKeyEndDI64Hex><CR>	ASCII	
	TX	#LONG KEY END ALL DIS<CR>		
	RX	#1,LKEADIS:4,3,3,2,2,2,2,2,3,3,2,3,2,2,2,3,4,1,2,3,2,2,2,2,1,1,2,2,2,2,2,5,4,2,2,2,2,2,1,1,2,2,2,2,2,2,2,4,11,6,9,3,6,3,2,3,3,2,3,2,2,2,2,10,0x4,0x3,0x3,0x2,0x2,0x2,0x2,0x2,0x3,0x3,0x2,0x3,0x2,0x2,0x2,0x3,0x4,0x1,0x2,0x3,0x2,0x2,0x2,0x2,0x2,0x1,0x1,0x2,0x2,0x2,0x2,0x2,0x5,0x4,0x2,0x2,0x2,0x2,0x2,0x2,0x1,0x1,0x2,0x2,0x2,0x2,0x2,0x2,0x2,0x2,0x4,0xB,0x6,0x9,0x3,0x6,0x3,0x2,0x3,0x3,0x2,0x3,0x2,0x2,0x2,0x2,0xA<CR>		
		Current counter for long keypress end events on DI1:4		
		Current counter for long keypress end events on DI2:3		
		Current counter for long keypress end events on DI3:3		
		Current counter for long keypress end events on DI4:2		
		Current counter for long keypress end events on DI5:2		
		Current counter for long keypress end events on DI6:2		
		Current counter for long keypress end events on DI7:2		
		Current counter for long keypress end events on DI8:2		
		Current counter for long keypress end events on DI9:3		
		Current counter for long keypress end events on DI10:3		
		Current counter for long keypress end events on DI11:2		
		Current counter for long keypress end events on DI12:3		
		Current counter for long keypress end events on DI13:2		
		Current counter for long keypress end events on DI14:2		
		Current counter for long keypress end events on DI15:2		
		Current counter for long keypress end events on DI16:3		
		Current counter for long keypress end events on DI17:4		
		Current counter for long keypress end events on DI18:1		
		Current counter for long keypress end events on DI19:2		
		Current counter for long keypress end events on DI20:3		
		Current counter for long keypress end events on DI21:2		
		Current counter for long keypress end events on DI22:2		
		Current counter for long keypress end events on DI23:2		
		Current counter for long keypress end events on DI24:2		
		Current counter for long keypress end events on DI25:1		
		Current counter for long keypress end events on DI26:1		
		Current counter for long keypress end events on DI27:2		
		Current counter for long keypress end events on DI28:2		
		Current counter for long keypress end events on DI29:2		
		Current counter for long keypress end events on DI30:2		
		Current counter for long keypress end events on DI31:2		
		Current counter for long keypress end events on DI32:5		
		Current counter for long keypress end events on DI33:4		

		Current counter for long keypress end events on DI34:2		
		Current counter for long keypress end events on DI35:2		
		Current counter for long keypress end events on DI36:2		
		Current counter for long keypress end events on DI37:2		
		Current counter for long keypress end events on DI38:2		
		Current counter for long keypress end events on DI39:1		
		Current counter for long keypress end events on DI40:1		
		Current counter for long keypress end events on DI41:2		
		Current counter for long keypress end events on DI42:2		
		Current counter for long keypress end events on DI43:2		
		Current counter for long keypress end events on DI44:2		
		Current counter for long keypress end events on DI45:2		
		Current counter for long keypress end events on DI46:2		
		Current counter for long keypress end events on DI47:2		
		Current counter for long keypress end events on DI48:4		
		Current counter for long keypress end events on DI49:11		
		Current counter for long keypress end events on DI50:6		
		Current counter for long keypress end events on DI51:9		
		Current counter for long keypress end events on DI52:3		
		Current counter for long keypress end events on DI53:6		
		Current counter for long keypress end events on DI54:3		
		Current counter for long keypress end events on DI55:2		
		Current counter for long keypress end events on DI56:3		
		Current counter for long keypress end events on DI57:3		
		Current counter for long keypress end events on DI58:2		
		Current counter for long keypress end events on DI59:3		
		Current counter for long keypress end events on DI60:2		
		Current counter for long keypress end events on DI61:2		
		Current counter for long keypress end events on DI62:2		
		Current counter for long keypress end events on DI63:2		
		Current counter for long keypress end events on DI64:10		
Returns for each digital input the counter for long keypress end events. As soon as the module detects the end of a long keypress on a digital input, the counter for the affected digital input is incremented by 1.				
LONG KEY END DIx	**ASCII READ COMMAND**	#LONG KEY END DI<DINR><CR> #LKEDI<DINR><CR> Result: #LKEDI<DINR>:<LongKeyEndDec>,<LongKeyEndHex><CR>	ASCII	
	DINR	64		
	TX	#LONG KEY END DI64<CR>		
	RX	#1,LKEDI64:10,0xA<CR>		
		Current counter for long keypress end events on digital input DI64:10		
Returns for digital input <DINR> the counter for long keypress end events. As soon as the module detects the end of a long keypress on a digital input, the counter for the affected digital input is incremented by 1.				

RISE ALL DIS	**ASCII READ COMMAND**	#RISE ALL DIS<CR> #RADIS<CR> Result: #RADIS:<RiseDI1Dec>,...,<RiseDI64Dec>,<RiseDI1Hex>,...,<RiseDI64Hex><CR>	ASCII	
	TX	#RISE ALL DIS<CR>		
	RX	#1,RADIS:4,3,3,2,2,2,2,2,3,15,4,14,5,6,3,4,6,3,5,5,6,5,3,5,10,4,4,3,2,4,2,11,6,4,3,2,2,4,3,2,4,3,4,2,3,2,4,4,22,7,16,9,28,5,2,4,4,2,3,2,2,2,2,22,0x4,0x3,0x3,0x2,0x2,0x2,0x2,0x2,0x2,0x3,0xF,0x4,0xE,0x5,0x6,0x3,0x4,0x6,0x3,0x5,0x5,0x6,0x5,0x3,0x5,0xA,0x4,0x4,0x3,0x2,0x4,0x2,0xB,0x6,0x4,0x3,0x2,0x2,0x4,0x3,0x2,0x4,0x3,0x4,0x2,0x3,0x2,0x4,0x4,0x16,0x7,0x10,0x9,0x1C,0x5,0x2,0x4,0x4,0x2,0x3,0x2,0x2,0x2,0x2,0x16<CR>		
		Current counter for rising edges on DI1:4		
		Current counter for rising edges on DI2:3		
		Current counter for rising edges on DI3:3		
		Current counter for rising edges on DI4:2		
		Current counter for rising edges on DI5:2		
		Current counter for rising edges on DI6:2		
		Current counter for rising edges on DI7:2		
		Current counter for rising edges on DI8:2		
		Current counter for rising edges on DI9:3		
		Current counter for rising edges on DI10:15		
		Current counter for rising edges on DI11:4		
		Current counter for rising edges on DI12:14		
		Current counter for rising edges on DI13:5		
		Current counter for rising edges on DI14:6		
		Current counter for rising edges on DI15:3		
		Current counter for rising edges on DI16:4		
		Current counter for rising edges on DI17:6		
		Current counter for rising edges on DI18:3		
		Current counter for rising edges on DI19:5		
		Current counter for rising edges on DI20:5		
		Current counter for rising edges on DI21:6		
		Current counter for rising edges on DI22:5		
		Current counter for rising edges on DI23:3		
		Current counter for rising edges on DI24:5		
		Current counter for rising edges on DI25:10		
		Current counter for rising edges on DI26:4		
		Current counter for rising edges on DI27:4		
		Current counter for rising edges on DI28:3		
		Current counter for rising edges on DI29:2		
		Current counter for rising edges on DI30:4		
		Current counter for rising edges on DI31:2		
		Current counter for rising edges on DI32:11		
		Current counter for rising edges on DI33:6		
		Current counter for rising edges on DI34:4		

		Current counter for rising edges on DI35:3		
		Current counter for rising edges on DI36:2		
		Current counter for rising edges on DI37:2		
		Current counter for rising edges on DI38:4		
		Current counter for rising edges on DI39:3		
		Current counter for rising edges on DI40:2		
		Current counter for rising edges on DI41:4		
		Current counter for rising edges on DI42:3		
		Current counter for rising edges on DI43:4		
		Current counter for rising edges on DI44:2		
		Current counter for rising edges on DI45:3		
		Current counter for rising edges on DI46:2		
		Current counter for rising edges on DI47:4		
		Current counter for rising edges on DI48:4		
		Current counter for rising edges on DI49:22		
		Current counter for rising edges on DI50:7		
		Current counter for rising edges on DI51:16		
		Current counter for rising edges on DI52:9		
		Current counter for rising edges on DI53:28		
		Current counter for rising edges on DI54:5		
		Current counter for rising edges on DI55:2		
		Current counter for rising edges on DI56:4		
		Current counter for rising edges on DI57:4		
		Current counter for rising edges on DI58:2		
		Current counter for rising edges on DI59:3		
		Current counter for rising edges on DI60:2		
		Current counter for rising edges on DI61:2		
		Current counter for rising edges on DI62:2		
		Current counter for rising edges on DI63:2		
		Current counter for rising edges on DI64:22		
Returns for each digital input the counter for rising edges. As soon as the module detects a rising edge on a digital input, the rising edge counter for the affected digital input is incremented by 1.				
RISE DIx	**ASCII** **READ** **COMMAND**	#RISE DI<DINR><CR> #RDI<DINR><CR> Result: #RDI<DINR>:<RiseDec>,<RiseHex><CR>	ASCII	
	DINR	64		
	TX	#RISE DI64<CR>		
	RX	#1,RDI64:22,0x16<CR>		
		Current counter for rising edges on digital input DI64:22		
Returns for digital input <DINR> the counter for rising edges. As soon as the module detects a rising edge on a digital input, the rising edge counter for the affected digital input is incremented by 1.				
FALL ALL DIS	**ASCII** **READ** **COMMAND**	#FALL ALL DIS<CR> #FADIS<CR> Result: #FADIS:<FallDI1Dec>,...,<FallDI64Dec>,<FallDI1Hex>,...,<FallDI64Hex><CR>	ASCII	

	TX	#FALL ALL DIS<CR>		
	RX	#1,FADIS:4,3,3,2,2,2,2,2,3,15,4,14,5,6,3,4,6,3,5,5,6,5,3,5,10,4,4,3,2,4,2,11,6,4,3,2,2,4,3,2,4,3,4,2,3,2,4,4,22,7,16,9,28,5,2,4,4,2,3,2,2,2,2,21,0x4,0x3,0x3,0x2,0x2,0x2,0x2,0x2,0x2,0x3,0xF,0x4,0xE,0x5,0x6,0x3,0x4,0x6,0x3,0x5,0x5,0x6,0x5,0x3,0x5,0xA,0x4,0x4,0x3,0x2,0x4,0x2,0xB,0x6,0x4,0x3,0x2,0x2,0x4,0x3,0x2,0x4,0x3,0x4,0x2,0x3,0x2,0x4,0x4,0x16,0x7,0x10,0x9,0x1C,0x5,0x2,0x4,0x4,0x2,0x3,0x2,0x2,0x2,0x2,0x15<CR>		
		Current counter for falling edges on DI1:4		
		Current counter for falling edges on DI2:3		
		Current counter for falling edges on DI3:3		
		Current counter for falling edges on DI4:2		
		Current counter for falling edges on DI5:2		
		Current counter for falling edges on DI6:2		
		Current counter for falling edges on DI7:2		
		Current counter for falling edges on DI8:2		
		Current counter for falling edges on DI9:3		
		Current counter for falling edges on DI10:15		
		Current counter for falling edges on DI11:4		
		Current counter for falling edges on DI12:14		
		Current counter for falling edges on DI13:5		
		Current counter for falling edges on DI14:6		
		Current counter for falling edges on DI15:3		
		Current counter for falling edges on DI16:4		
		Current counter for falling edges on DI17:6		
		Current counter for falling edges on DI18:3		
		Current counter for falling edges on DI19:5		
		Current counter for falling edges on DI20:5		
		Current counter for falling edges on DI21:6		
		Current counter for falling edges on DI22:5		
		Current counter for falling edges on DI23:3		
		Current counter for falling edges on DI24:5		
		Current counter for falling edges on DI25:10		
		Current counter for falling edges on DI26:4		
		Current counter for falling edges on DI27:4		
		Current counter for falling edges on DI28:3		
		Current counter for falling edges on DI29:2		
		Current counter for falling edges on DI30:4		
		Current counter for falling edges on DI31:2		
		Current counter for falling edges on DI32:11		
		Current counter for falling edges on DI33:6		
		Current counter for falling edges on DI34:4		
		Current counter for falling edges on DI35:3		
		Current counter for falling edges on DI36:2		
		Current counter for falling edges on DI37:2		
		Current counter for falling edges on DI38:4		

		Current counter for falling edges on DI39:3		
		Current counter for falling edges on DI40:2		
		Current counter for falling edges on DI41:4		
		Current counter for falling edges on DI42:3		
		Current counter for falling edges on DI43:4		
		Current counter for falling edges on DI44:2		
		Current counter for falling edges on DI45:3		
		Current counter for falling edges on DI46:2		
		Current counter for falling edges on DI47:4		
		Current counter for falling edges on DI48:4		
		Current counter for falling edges on DI49:22		
		Current counter for falling edges on DI50:7		
		Current counter for falling edges on DI51:16		
		Current counter for falling edges on DI52:9		
		Current counter for falling edges on DI53:28		
		Current counter for falling edges on DI54:5		
		Current counter for falling edges on DI55:2		
		Current counter for falling edges on DI56:4		
		Current counter for falling edges on DI57:4		
		Current counter for falling edges on DI58:2		
		Current counter for falling edges on DI59:3		
		Current counter for falling edges on DI60:2		
		Current counter for falling edges on DI61:2		
		Current counter for falling edges on DI62:2		
		Current counter for falling edges on DI63:2		
		Current counter for falling edges on DI64:21		
Returns for each digital input the counter for falling edges. As soon as the module detects a falling edge on a digital input, the falling edge counter for the affected digital input is incremented by 1.				
FALL DIx	**ASCII READ COMMAND**	#FALL DI<DINR><CR> #FDI<DINR><CR> Result: #FDI<DINR>:<FallDec>,<FallHex><CR>	ASCII	
	DINR	64		
	TX	#FALL DI64<CR>		
	RX	#1,FDI64:21,0x15<CR>		
		Current counter for falling edges on digital input DI64:21		
Returns for digital input <DINR> the counter for falling edges. As soon as the module detects a falling edge on a digital input, the falling edge counter for the affected digital input is incremented by 1.				
RESET COUNTERS	**ASCII WRITE COMMAND**	#RESET COUNTERS<CR> #RC<CR> Result: #OK<CR>	ASCII	NO
	TX	#RESET COUNTERS<CR>		
	RX	N/A		
Resets all internal counters for digital inputs and events on this digital inputs to 0.				