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				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI3	1x00003 2x00003 I:2	0,0x00 B:00			BIT R/O	
		Current state of DI3:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI4	1x00004 2x00004 I:3	0,0x00 B:00			BIT R/O	
		Current state of DI4:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI5	1x00005 2x00005 I:4	0,0x00 B:00			BIT R/O	
		Current state of DI5:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI6	1x00006 2x00006 I:5	0,0x00 B:00			BIT R/O	
		Current state of DI6:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI7	1x00007 2x00007 I:6	0,0x00 B:00			BIT R/O	
		Current state of DI7:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI8	1x00008 2x00008 I:7	0,0x00 B:00			BIT R/O	
		Current state of DI8:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI9	1x00009 2x00009 I:8	0,0x00 B:00			BIT R/O	
		Current state of DI9:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI10	1x00010 2x00010 I:9	0,0x00 B:00			BIT R/O	
		Current state of DI10:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI11	1x00011 2x00011 I:10	0,0x00 B:00			BIT R/O	
		Current state of DI11:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI12	1x00012 2x00012 I:11	0,0x00 B:00			BIT R/O	
		Current state of DI12:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI13	1x00013 2x00013 I:12	0,0x00 B:00			BIT R/O	
		Current state of DI13:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI14	1x00014 2x00014 I:13	0,0x00 B:00			BIT R/O	
		Current state of DI14:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI15	1x00015 2x00015 I:14	0,0x00 B:00			BIT R/O	
		Current state of DI15:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI16	1x00016 2x00016 I:15	0,0x00 B:00			BIT R/O	
		Current state of DI16:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI17	1x00017 2x00017 I:16	0,0x00 B:00			BIT R/O	
		Current state of DI17:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI18	1x00018 2x00018 I:17	0,0x00 B:00			BIT R/O	
		Current state of DI18:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI19	1x00019 2x00019 I:18	0,0x00 B:00			BIT R/O	
		Current state of DI19:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI20	1x00020 2x00020 I:19	0,0x00 B:00			BIT R/O	
		Current state of DI20:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI21	1x00021 2x00021 I:20	0,0x00 B:00			BIT R/O	
		Current state of DI21:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI22	1x00022 2x00022 I:21	0,0x00 B:00			BIT R/O	
		Current state of DI22:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI23	1x00023 2x00023 I:22	0,0x00 B:00			BIT R/O	
		Current state of DI23:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI24	1x00024 2x00024 I:23	0,0x00 B:00			BIT R/O	
		Current state of DI24:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI25	1x00025 2x00025 I:24	0,0x00 B:00			BIT R/O	
		Current state of DI25:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI26	1x00026 2x00026 I:25	0,0x00 B:00			BIT R/O	
		Current state of DI26:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI27	1x00027 2x00027 I:26	0,0x00 B:00			BIT R/O	
		Current state of DI27:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						
DI28	1x00028 2x00028 I:27	0,0x00 B:00			BIT R/O	
		Current state of DI28:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI29	1x00029 2x00029 I:28	0,0x00 B:00			BIT R/O	
		Current state of DI29:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI30	1x00030 2x00030 I:29	0,0x00 B:00			BIT R/O	
		Current state of DI30:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI31	1x00031 2x00031 I:30	0,0x00 B:00			BIT R/O	
		Current state of DI31:0=OFF				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

DI32	1x00032 2x00032 I:31	1,0x01 B:01			BIT R/O	
		Current state of DI32:1=ON				
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON						

STATUS

DIP SWITCH 1	1x00091 2x00091 I:90	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH1:0=OFF				
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				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						

DIP SWITCH 3	1x00093 2x00093 I:92	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH3:0=OFF				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						

DIP SWITCH 4	1x00094 2x00094 I:93	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH4:0=OFF				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						
DIP SWITCH 5	1x00095 2x00095 I:94	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH5:0=OFF				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						
DIP SWITCH 6	1x00096 2x00096 I:95	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH6:0=OFF				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						
DIP SWITCH 7	1x00097 2x00097 I:96	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH7:0=OFF				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						
DIP SWITCH 8	1x00098 2x00098 I:97	0,0x00 B:00			BIT R/O	
		Current state of DIP SWITCH8:0=OFF				
Current state of DIP switch x =0:Dip switch is OFF, =1: Dip switch is ON						
DIGITAL INPUTS: RESET						
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.						
DIGITAL INPUTS						
RISING EDGES DI1	3x00001 4x00001 I:0	0,0x0000 B:00 00			UINT16 R/O	
		0 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	0,0x0000 B:00 00			UINT16 R/O	
		0 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	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI2	3x00004 4x00004 I:3	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI3	3x00005 4x00005 I:4	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI3	3x00006 4x00006 I:5	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI4	3x00007 4x00007 I:6	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI4	3x00008 4x00008 I:7	0,0x0000 B:00 00			UINT16 R/O	

		0 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 DI5	3x00009 4x00009 I:8	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI5	3x00010 4x00010 I:9	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI6	3x00011 4x00011 I:10	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI6	3x00012 4x00012 I:11	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI7	3x00013 4x00013 I:12	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI7	3x00014 4x00014 I:13	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI8	3x00015 4x00015 I:14	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI8	3x00016 4x00016 I:15	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI9	3x00017 4x00017 I:16	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI9	3x00018 4x00018 I:17	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI10	3x00019 4x00019 I:18	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI10	3x00020 4x00020 I:19	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI11	3x00021 4x00021 I:20	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI11	3x00022 4x00022 I:21	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI12	3x00023 4x00023 I:22	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI12	3x00024 4x00024 I:23	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI13	3x00025 4x00025 I:24	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI13	3x00026 4x00026 I:25	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI14	3x00027 4x00027 I:26	0,0x0000 B:00 00			UINT16 R/O	

		0 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 DI14	3x00028 4x00028 I:27	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI15	3x00029 4x00029 I:28	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI15	3x00030 4x00030 I:29	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI16	3x00031 4x00031 I:30	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI16	3x00032 4x00032 I:31	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI17	3x00033 4x00033 I:32	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI17	3x00034 4x00034 I:33	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI18	3x00035 4x00035 I:34	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI18	3x00036 4x00036 I:35	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI19	3x00037 4x00037 I:36	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI19	3x00038 4x00038 I:37	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI20	3x00039 4x00039 I:38	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI20	3x00040 4x00040 I:39	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI21	3x00041 4x00041 I:40	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI21	3x00042 4x00042 I:41	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI22	3x00043 4x00043 I:42	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI22	3x00044 4x00044 I:43	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI23	3x00045 4x00045 I:44	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI23	3x00046 4x00046 I:45	0,0x0000 B:00 00			UINT16 R/O	

		0 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 DI24	3x00047 4x00047 I:46	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI24	3x00048 4x00048 I:47	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI25	3x00049 4x00049 I:48	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI25	3x00050 4x00050 I:49	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI26	3x00051 4x00051 I:50	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI26	3x00052 4x00052 I:51	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI27	3x00053 4x00053 I:52	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI27	3x00054 4x00054 I:53	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI28	3x00055 4x00055 I:54	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI28	3x00056 4x00056 I:55	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI29	3x00057 4x00057 I:56	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI29	3x00058 4x00058 I:57	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI30	3x00059 4x00059 I:58	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI30	3x00060 4x00060 I:59	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI31	3x00061 4x00061 I:60	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI31	3x00062 4x00062 I:61	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI32	3x00063 4x00063 I:62	2,0x0002 B:00 02			UINT16 R/O	
		2 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 DI32	3x00064 4x00064 I:63	1,0x0001 B:00 01			UINT16 R/O	
		1 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.						
STATUS						

FILTER PATTERN DI1	3x00065 4x00065 I:64	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	3x00067 4x00067 I:66	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 DI3	3x00069 4x00069 I:68	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 DI4	3x00071 4x00071 I:70	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 DI5	3x00073 4x00073 I:72	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 DI6	3x00075 4x00075 I:74	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 DI7	3x00077 4x00077 I:76	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 DI8	3x00079 4x00079 I:78	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 DI9	3x00081 4x00081 I:80	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 DI10	3x00083 4x00083 I:82	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 DI11	3x00085 4x00085 I:84	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 DI12	3x00087 4x00087 I:86	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 DI13	3x00089 4x00089 I:88	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 DI14	3x00091 4x00091 I:90	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 DI15	3x00093 4x00093 I:92	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 DI16	3x00095 4x00095 I:94	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 DI17	3x00097 4x00097 I:96	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 DI18	3x00099 4x00099 I:98	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 DI19	3x00101 4x00101 I:100	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 DI20	3x00103 4x00103 I:102	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 DI21	3x00105 4x00105 I:104	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 DI22	3x00107 4x00107 I:106	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 DI23	3x00109 4x00109 I:108	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 DI24	3x00111 4x00111 I:110	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 DI25	3x00113 4x00113 I:112	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 DI26	3x00115 4x00115 I:114	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 DI27	3x00117 4x00117 I:116	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 DI28	3x00119 4x00119 I:118	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 DI29	3x00121 4x00121 I:120	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 DI30	3x00123 4x00123 I:122	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 DI31	3x00125 4x00125 I:124	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 DI32	3x00127 4x00127 I:126	4294967295,0xFFFFFFFF B:FF FF FF FF			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.						
GENERAL STATUS OF DIS						
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	3,0x0003 B:00 03			UINT16 R/O	
		3 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	32768,0x8000 B:80 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 DI32:1=ON			
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 DIP SWITCH	3x10010 4x10010 I:10009	0,0x0000 B:00 00		UINT16 R/O	
		Current state of DIP SWITCH1:0=OFF			
		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 SWITCH7:0=OFF			
		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	0,0x0000 B:00 00		UINT16 R/O	
		0 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	0,0x0000 B:00 00		UINT16 R/O	
		0 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	0,0x0000 B:00 00		UINT16 R/O	
		0 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	0,0x0000 B:00 00		UINT16 R/O	
		0 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	0,0x0000 B:00 00		UINT16 R/O	
		0 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	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI2	3x20012 4x20012 I:20011	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI2	3x20013 4x20013 I:20012	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI2	3x20014 4x20014 I:20013	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 DI2	3x20015 4x20015 I:20014	0,0x0000 B:00 00		UINT16 R/O	

		0 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 DI2	3x20016 4x20016 I:20015	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI3					
RISE DI3	3x20021 4x20021 I:20020	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI3	3x20022 4x20022 I:20021	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI3	3x20023 4x20023 I:20022	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI3	3x20024 4x20024 I:20023	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 DI3	3x20025 4x20025 I:20024	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI3	3x20026 4x20026 I:20025	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI4						
RISE DI4	3x20031 4x20031 I:20030	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI4	3x20032 4x20032 I:20031	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI4	3x20033 4x20033 I:20032	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI4	3x20034 4x20034 I:20033	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 DI4	3x20035 4x20035 I:20034	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI4	3x20036 4x20036 I:20035	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI5					
RISE DI5	3x20041 4x20041 I:20040	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI5	3x20042 4x20042 I:20041	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI5	3x20043 4x20043 I:20042	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI5	3x20044 4x20044 I:20043	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 DI5	3x20045 4x20045 I:20044	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI5	3x20046 4x20046 I:20045	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI6

RISE DI6	3x20051 4x20051 I:20050	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI6	3x20052 4x20052 I:20051	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI6	3x20053 4x20053 I:20052	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI6	3x20054 4x20054 I:20053	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 DI6	3x20055 4x20055 I:20054	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI6	3x20056 4x20056 I:20055	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI7						
RISE DI7	3x20061 4x20061 I:20060	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI7	3x20062 4x20062 I:20061	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI7	3x20063 4x20063 I:20062	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI7	3x20064 4x20064 I:20063	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 DI7	3x20065 4x20065 I:20064	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI7	3x20066 4x20066 I:20065	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI8

RISE DI8	3x20071 4x20071 I:20070	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI8	3x20072 4x20072 I:20071	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI8	3x20073 4x20073 I:20072	0,0x0000 B:00 00			UINT16 R/O	

		0 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 DI8	3x20074 4x20074 I:20073	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 DI8	3x20075 4x20075 I:20074	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI8	3x20076 4x20076 I:20075	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI9						
RISE DI9	3x20081 4x20081 I:20080	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI9	3x20082 4x20082 I:20081	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI9	3x20083 4x20083 I:20082	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI9	3x20084 4x20084 I:20083	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 DI9	3x20085 4x20085 I:20084	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI9	3x20086 4x20086 I:20085	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI10						
RISE DI10	3x20091 4x20091 I:20090	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI10	3x20092 4x20092 I:20091	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI10	3x20093 4x20093 I:20092	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI10	3x20094 4x20094 I:20093	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 DI10	3x20095 4x20095 I:20094	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI10	3x20096 4x20096 I:20095	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI11					
RISE DI11	3x20101 4x20101 I:20100	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI11	3x20102 4x20102 I:20101	0,0x0000 B:00 00			UINT16 R/O

		0 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 DI11	3x20103 4x20103 I:20102	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI11	3x20104 4x20104 I:20103	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 DI11	3x20105 4x20105 I:20104	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI11	3x20106 4x20106 I:20105	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI12						
RISE DI12	3x20111 4x20111 I:20110	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI12	3x20112 4x20112 I:20111	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI12	3x20113 4x20113 I:20112	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI12	3x20114 4x20114 I:20113	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 DI12	3x20115 4x20115 I:20114	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI12	3x20116 4x20116 I:20115	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI13						
RISE DI13	3x20121 4x20121 I:20120	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI13	3x20122 4x20122 I:20121	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI13	3x20123 4x20123 I:20122	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI13	3x20124 4x20124 I:20123	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 DI13	3x20125 4x20125 I:20124	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI13	3x20126 4x20126 I:20125	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI14					
RISE DI14	3x20131 4x20131 I:20130	0,0x0000 B:00 00		UINT16 R/O	

		0 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 DI14	3x20132 4x20132 I:20131	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI14	3x20133 4x20133 I:20132	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI14	3x20134 4x20134 I:20133	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 DI14	3x20135 4x20135 I:20134	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI14	3x20136 4x20136 I:20135	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI15

RISE DI15	3x20141 4x20141 I:20140	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI15	3x20142 4x20142 I:20141	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI15	3x20143 4x20143 I:20142	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI15	3x20144 4x20144 I:20143	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 DI15	3x20145 4x20145 I:20144	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI15	3x20146 4x20146 I:20145	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI16

RISE DI16	3x20151 4x20151 I:20150	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI16	3x20152 4x20152 I:20151	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI16	3x20153 4x20153 I:20152	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI16	3x20154 4x20154 I:20153	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 DI16	3x20155 4x20155 I:20154	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI16	3x20156 4x20156 I:20155	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				

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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 DI17					
RISE DI17	3x20161 4x20161 I:20160	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI17	3x20162 4x20162 I:20161	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI17	3x20163 4x20163 I:20162	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI17	3x20164 4x20164 I:20163	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 DI17	3x20165 4x20165 I:20164	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI17	3x20166 4x20166 I:20165	0,0x0000 B:00 00		UINT16 R/O	

		0 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 DI18					
RISE DI18	3x20171 4x20171 I:20170	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI18	3x20172 4x20172 I:20171	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI18	3x20173 4x20173 I:20172	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI18	3x20174 4x20174 I:20173	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 DI18	3x20175 4x20175 I:20174	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI18	3x20176 4x20176 I:20175	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI19

RISE DI19	3x20181 4x20181 I:20180	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI19	3x20182 4x20182 I:20181	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI19	3x20183 4x20183 I:20182	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI19	3x20184 4x20184 I:20183	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 DI19	3x20185 4x20185 I:20184	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI19	3x20186 4x20186 I:20185	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI20					
RISE DI20	3x20191 4x20191 I:20190	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI20	3x20192 4x20192 I:20191	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI20	3x20193 4x20193 I:20192	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI20	3x20194 4x20194 I:20193	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 DI20	3x20195 4x20195 I:20194	0,0x0000 B:00 00		UINT16 R/O	

		0 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 DI20	3x20196 4x20196 I:20195	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI21						
RISE DI21	3x20201 4x20201 I:20200	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI21	3x20202 4x20202 I:20201	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI21	3x20203 4x20203 I:20202	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI21	3x20204 4x20204 I:20203	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 DI21	3x20205 4x20205 I:20204	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI21	3x20206 4x20206 I:20205	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI22						
RISE DI22	3x20211 4x20211 I:20210	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI22	3x20212 4x20212 I:20211	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI22	3x20213 4x20213 I:20212	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI22	3x20214 4x20214 I:20213	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 DI22	3x20215 4x20215 I:20214	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI22	3x20216 4x20216 I:20215	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI23					
RISE DI23	3x20221 4x20221 I:20220	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI23	3x20222 4x20222 I:20221	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI23	3x20223 4x20223 I:20222	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI23	3x20224 4x20224 I:20223	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 DI23	3x20225 4x20225 I:20224	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI23	3x20226 4x20226 I:20225	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI24

RISE DI24	3x20231 4x20231 I:20230	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI24	3x20232 4x20232 I:20231	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI24	3x20233 4x20233 I:20232	0,0x0000 B:00 00		UINT16 R/O	
		0 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 DI24	3x20234 4x20234 I:20233	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 DI24	3x20235 4x20235 I:20234	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI24	3x20236 4x20236 I:20235	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI25						
RISE DI25	3x20241 4x20241 I:20240	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI25	3x20242 4x20242 I:20241	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI25	3x20243 4x20243 I:20242	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI25	3x20244 4x20244 I:20243	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 DI25	3x20245 4x20245 I:20244	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI25	3x20246 4x20246 I:20245	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI26						
RISE DI26	3x20251 4x20251 I:20250	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI26	3x20252 4x20252 I:20251	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI26	3x20253 4x20253 I:20252	0,0x0000 B:00 00			UINT16 R/O	

		0 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 DI26	3x20254 4x20254 I:20253	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 DI26	3x20255 4x20255 I:20254	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI26	3x20256 4x20256 I:20255	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI27						
RISE DI27	3x20261 4x20261 I:20260	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI27	3x20262 4x20262 I:20261	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI27	3x20263 4x20263 I:20262	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI27	3x20264 4x20264 I:20263	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 DI27	3x20265 4x20265 I:20264	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI27	3x20266 4x20266 I:20265	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI28						
RISE DI28	3x20271 4x20271 I:20270	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI28	3x20272 4x20272 I:20271	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI28	3x20273 4x20273 I:20272	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI28	3x20274 4x20274 I:20273	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 DI28	3x20275 4x20275 I:20274	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI28	3x20276 4x20276 I:20275	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI29

RISE DI29	3x20281 4x20281 I:20280	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI29	3x20282 4x20282 I:20281	0,0x0000 B:00 00			UINT16 R/O	

		0 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 DI29	3x20283 4x20283 I:20282	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI29	3x20284 4x20284 I:20283	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 DI29	3x20285 4x20285 I:20284	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI29	3x20286 4x20286 I:20285	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI30						
RISE DI30	3x20291 4x20291 I:20290	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI30	3x20292 4x20292 I:20291	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI30	3x20293 4x20293 I:20292	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI30	3x20294 4x20294 I:20293	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 DI30	3x20295 4x20295 I:20294	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI30	3x20296 4x20296 I:20295	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI31					
RISE DI31	3x20301 4x20301 I:20300	0,0x0000 B:00 00			UINT16 R/O
		0 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 DI31	3x20302 4x20302 I:20301	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI31	3x20303 4x20303 I:20302	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI31	3x20304 4x20304 I:20303	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 DI31	3x20305 4x20305 I:20304	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI31	3x20306 4x20306 I:20305	0,0x0000 B:00 00			UINT16 R/O	
		0 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 DI32						
RISE DI32	3x20311 4x20311 I:20310	2,0x0002 B:00 02			UINT16 R/O	

		2 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 DI32	3x20312 4x20312 I:20311	1,0x0001 B:00 01			UINT16 R/O
		1 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 DI32	3x20313 4x20313 I:20312	3,0x0003 B:00 03			UINT16 R/O
		3 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 DI32	3x20314 4x20314 I:20313	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 DI32	3x20315 4x20315 I:20314	2,0x0002 B:00 02			UINT16 R/O
		2 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 DI32	3x20316 4x20316 I:20315	1,0x0001 B:00 01			UINT16 R/O
		1 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				
GET DIGITAL INPUTS	**ASCII READ COMMAND**	#GDIS<CR> Result: #GDIS:<DISDec>,<DISHex><CR>	ASCII	
	TX	#GDIS<CR>		
	RX	#255,GDIS:0,0x0<CR>		
		Current status of digital inputs:0000.0000.0000.0000.0000.0000.0000.0000		
Returns the current state of all 32 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 31: State of DI32 (=0:OFF, =1:ON)				
GET DIGITAL INPUT DIx	**ASCII READ COMMAND**	#GDI<DINR><CR> Result: #GDI<DINR>:<DIxDec>,<DIxHex><CR>	ASCII	
	DINR	32		
	TX	#GDI32<CR>		
	RX	#255,GDI32:0,0x0<CR>		
		Current status of digital input DI32:0=OFF		
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**	#GAC<CR> Result: #GAC:<ChangesDec>,<ChangesHex><CR>	ASCII	
	TX	#GAC<CR>		
	RX	#255,GAC:2,0x2<CR>		
		Current change counter:2		
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**	#CADIS<CR> Result: #CADIS:<ChangeDI1Dec>,...,<ChangeDI32Dec>,<ChangeDI1Hex>,...,<ChangeDI32Hex><CR>	ASCII	
	TX	#CADIS<CR>		
	RX	#255,CADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,2,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x2<CR>		
		Current counter for changes on DI1:0		
		Current counter for changes on DI2:0		
		Current counter for changes on DI3:0		
		Current counter for changes on DI4:0		
		Current counter for changes on DI5:0		

		Current counter for changes on DI6:0		
		Current counter for changes on DI7:0		
		Current counter for changes on DI8:0		
		Current counter for changes on DI9:0		
		Current counter for changes on DI10:0		
		Current counter for changes on DI11:0		
		Current counter for changes on DI12:0		
		Current counter for changes on DI13:0		
		Current counter for changes on DI14:0		
		Current counter for changes on DI15:0		
		Current counter for changes on DI16:0		
		Current counter for changes on DI17:0		
		Current counter for changes on DI18:0		
		Current counter for changes on DI19:0		
		Current counter for changes on DI20:0		
		Current counter for changes on DI21:0		
		Current counter for changes on DI22:0		
		Current counter for changes on DI23:0		
		Current counter for changes on DI24:0		
		Current counter for changes on DI25:0		
		Current counter for changes on DI26:0		
		Current counter for changes on DI27:0		
		Current counter for changes on DI28:0		
		Current counter for changes on DI29:0		
		Current counter for changes on DI30:0		
		Current counter for changes on DI31:0		
		Current counter for changes on DI32:2		

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**	#CDI<DINR><CR> Result: #CDI<DINR>:<ChangesDec>,<ChangesHex><CR>	ASCII	
	DINR	32		
	TX	#CDI32<CR>		
	RX	#255,CDI32:2,0x2<CR>		
		Current counter for changes on digital input DI32:2		

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	#SKADIS\<CR>\nResult:\n#SKADIS:\<ShortKeyDI1Dec>,...,\<ShortKeyDI32Dec>,\n\<ShortKeyDI1Hex>,...,\<ShortKeyDI32Hex>\<CR>	ASCII	
	TX	#SKADIS\<CR>		
	RX	#255,SKADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0\<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 DI10:0		
		Current counter for short keypress events on DI11:0		
		Current counter for short keypress events on DI12:0		
		Current counter for short keypress events on DI13:0		
		Current counter for short keypress events on DI14:0		
		Current counter for short keypress events on DI15:0		
		Current counter for short keypress events on DI16:0		
		Current counter for short keypress events on DI17:0		
		Current counter for short keypress events on DI18:0		
		Current counter for short keypress events on DI19:0		
		Current counter for short keypress events on DI20:0		
		Current counter for short keypress events on DI21:0		
		Current counter for short keypress events on DI22:0		
		Current counter for short keypress events on DI23:0		
		Current counter for short keypress events on DI24:0		
		Current counter for short keypress events on DI25:0		
		Current counter for short keypress events on DI26:0		
		Current counter for short keypress events on DI27:0		
		Current counter for short keypress events on DI28:0		
		Current counter for short keypress events on DI29:0		
		Current counter for short keypress events on DI30:0		
		Current counter for short keypress events on DI31:0		
		Current counter for short keypress events on DI32:0		
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	#SKDI\<DINR>\<CR>\nResult:\n#SKDI\<DINR>:\<ShortKeyDec>,\<ShortKeyHex>\<CR>	ASCII	

	DINR	32		
	TX	#SKDI32<CR>		
	RX	#255,SKDI32:0,0x0<CR>		
		Current counter for short keypress events on digital input DI32:0		
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**	#LKSADIS<CR> Result: #LKSADIS:<LongKeyStartDI1Dec>,...,<LongKeyStartDI32Dec>, <LongKeyStartDI1Hex>,...,<LongKeyStartDI32Hex><CR>	ASCII	
	TX	#LKSADIS<CR>		
	RX	#255,LKSADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x1<CR>		
		Current counter for long keypress start events on DI1:0		
		Current counter for long keypress start events on DI2:0		
		Current counter for long keypress start events on DI3:0		
		Current counter for long keypress start events on DI4:0		
		Current counter for long keypress start events on DI5:0		
		Current counter for long keypress start events on DI6:0		
		Current counter for long keypress start events on DI7:0		
		Current counter for long keypress start events on DI8:0		
		Current counter for long keypress start events on DI9:0		
		Current counter for long keypress start events on DI10:0		
		Current counter for long keypress start events on DI11:0		
		Current counter for long keypress start events on DI12:0		
		Current counter for long keypress start events on DI13:0		
		Current counter for long keypress start events on DI14:0		
		Current counter for long keypress start events on DI15:0		
		Current counter for long keypress start events on DI16:0		
		Current counter for long keypress start events on DI17:0		
		Current counter for long keypress start events on DI18:0		
		Current counter for long keypress start events on DI19:0		
		Current counter for long keypress start events on DI20:0		
		Current counter for long keypress start events on DI21:0		
		Current counter for long keypress start events on DI22:0		
		Current counter for long keypress start events on DI23:0		
		Current counter for long keypress start events on DI24:0		
		Current counter for long keypress start events on DI25:0		
		Current counter for long keypress start events on DI26:0		
		Current counter for long keypress start events on DI27:0		
		Current counter for long keypress start events on DI28:0		
		Current counter for long keypress start events on DI29:0		
		Current counter for long keypress start events on DI30:0		
		Current counter for long keypress start events on DI31:0		

		Current counter for long keypress start events on DI32:1		
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	#LKSDI<DINR><CR> Result: #LKSDI<DINR>:<LongKeyStartDec>,<LongKeyStartHex><CR>	ASCII	
	DINR	32		
	TX	#LKSDI32<CR>		
	RX	#255,LKSDI32:1,0x1<CR>		
		Current counter for long keypress start events on digital input DI32:1		
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	#LKEADIS<CR> Result: #LKEADIS:<LongKeyEndDI1Dec>,...,<LongKeyEndDI32Dec>, <LongKeyEndDI1Hex>,...,<LongKeyEndDI32Hex><CR>	ASCII	
	TX	#LKEADIS<CR>		
	RX	#255,LKEADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x1<CR>		
		Current counter for long keypress end events on DI1:0		
		Current counter for long keypress end events on DI2:0		
		Current counter for long keypress end events on DI3:0		
		Current counter for long keypress end events on DI4:0		
		Current counter for long keypress end events on DI5:0		
		Current counter for long keypress end events on DI6:0		
		Current counter for long keypress end events on DI7:0		
		Current counter for long keypress end events on DI8:0		
		Current counter for long keypress end events on DI9:0		
		Current counter for long keypress end events on DI10:0		
		Current counter for long keypress end events on DI11:0		
		Current counter for long keypress end events on DI12:0		
		Current counter for long keypress end events on DI13:0		
		Current counter for long keypress end events on DI14:0		
		Current counter for long keypress end events on DI15:0		
		Current counter for long keypress end events on DI16:0		
		Current counter for long keypress end events on DI17:0		
		Current counter for long keypress end events on DI18:0		
		Current counter for long keypress end events on DI19:0		
		Current counter for long keypress end events on DI20:0		
		Current counter for long keypress end events on DI21:0		
		Current counter for long keypress end events on DI22:0		
		Current counter for long keypress end events on DI23:0		
		Current counter for long keypress end events on DI24:0		
		Current counter for long keypress end events on DI25:0		
		Current counter for long keypress end events on DI26:0		

		Current counter for long keypress end events on DI27:0		
		Current counter for long keypress end events on DI28:0		
		Current counter for long keypress end events on DI29:0		
		Current counter for long keypress end events on DI30:0		
		Current counter for long keypress end events on DI31:0		
		Current counter for long keypress end events on DI32:1		
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	#LKEDI<DINR><CR> Result: #LKEDI<DINR>:<LongKeyEndDec>,<LongKeyEndHex><CR>	ASCII	
	DINR	32		
	TX	#LKEDI32<CR>		
	RX	#255,LKEDI32:1,0x1<CR>		
		Current counter for long keypress end events on digital input DI32:1		
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	#RADIS<CR> Result: #RADIS:<RiseDI1Dec>,...,<RiseDI32Dec>,<RiseDI1Hex>,...,<RiseDI32Hex><CR>	ASCII	
	TX	#RADIS<CR>		
	RX	#255,RADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x1<CR>		
		Current counter for rising edges on DI1:0		
		Current counter for rising edges on DI2:0		
		Current counter for rising edges on DI3:0		
		Current counter for rising edges on DI4:0		
		Current counter for rising edges on DI5:0		
		Current counter for rising edges on DI6:0		
		Current counter for rising edges on DI7:0		
		Current counter for rising edges on DI8:0		
		Current counter for rising edges on DI9:0		
		Current counter for rising edges on DI10:0		
		Current counter for rising edges on DI11:0		
		Current counter for rising edges on DI12:0		
		Current counter for rising edges on DI13:0		
		Current counter for rising edges on DI14:0		
		Current counter for rising edges on DI15:0		
		Current counter for rising edges on DI16:0		
		Current counter for rising edges on DI17:0		
		Current counter for rising edges on DI18:0		
		Current counter for rising edges on DI19:0		
		Current counter for rising edges on DI20:0		
		Current counter for rising edges on DI21:0		
		Current counter for rising edges on DI22:0		

		Current counter for rising edges on DI23:0		
		Current counter for rising edges on DI24:0		
		Current counter for rising edges on DI25:0		
		Current counter for rising edges on DI26:0		
		Current counter for rising edges on DI27:0		
		Current counter for rising edges on DI28:0		
		Current counter for rising edges on DI29:0		
		Current counter for rising edges on DI30:0		
		Current counter for rising edges on DI31:0		
		Current counter for rising edges on DI32:1		
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	#RDI<DINR><CR> Result: #RDI<DINR>:<RiseDec>,<RiseHex><CR>	ASCII	
	DINR	32		
	TX	#RDI32<CR>		
	RX	#255,RDI32:1,0x1<CR>		
		Current counter for rising edges on digital input DI32:1		
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	#FADIS<CR> Result: #FADIS:<FallDI1Dec>,...,<FallDI32Dec>,<FallDI1Hex>,...,<FallDI32Hex><CR>	ASCII	
	TX	#FADIS<CR>		
	RX	#255,FADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x1<CR>		
		Current counter for falling edges on DI1:0		
		Current counter for falling edges on DI2:0		
		Current counter for falling edges on DI3:0		
		Current counter for falling edges on DI4:0		
		Current counter for falling edges on DI5:0		
		Current counter for falling edges on DI6:0		
		Current counter for falling edges on DI7:0		
		Current counter for falling edges on DI8:0		
		Current counter for falling edges on DI9:0		
		Current counter for falling edges on DI10:0		
		Current counter for falling edges on DI11:0		
		Current counter for falling edges on DI12:0		
		Current counter for falling edges on DI13:0		
		Current counter for falling edges on DI14:0		
		Current counter for falling edges on DI15:0		
		Current counter for falling edges on DI16:0		
		Current counter for falling edges on DI17:0		
		Current counter for falling edges on DI18:0		

		Current counter for falling edges on DI19:0		
		Current counter for falling edges on DI20:0		
		Current counter for falling edges on DI21:0		
		Current counter for falling edges on DI22:0		
		Current counter for falling edges on DI23:0		
		Current counter for falling edges on DI24:0		
		Current counter for falling edges on DI25:0		
		Current counter for falling edges on DI26:0		
		Current counter for falling edges on DI27:0		
		Current counter for falling edges on DI28:0		
		Current counter for falling edges on DI29:0		
		Current counter for falling edges on DI30:0		
		Current counter for falling edges on DI31:0		
		Current counter for falling edges on DI32:1		

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	#FDI<DINR><CR> Result: #FDI<DINR>:<FallDec>,<FallHex><CR>	ASCII	
	DINR	32		
	TX	#FDI32<CR>		
	RX	#255,FDI32:1,0x1<CR>		
		Current counter for falling edges on digital input DI32:1		

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	#RC<CR> Result: #OK<CR>	ASCII	NO
	TX	#RC<CR>		
	RX	N/A		

Resets all internal counters for digital inputs and events on this digital inputs to 0.