DI1	1x00001 2x00001	0,0x00 B:00	BIT R/O
	1:0	Current state of DI1:0-OEE	
Current state of the digital input Div		Current State of DI1.0-OFF	
=0:DI is OFF, =1:DI is ON			
DI2	1x00002	0.0x00	BIT
	2x00002 I:1	B:00	R/O
		Current state of DI2:0=OFF	
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON	i		
DI3	1x00003	0,0x00	BIT
	2x00003 I:2	B:00	R/O
		Current state of DI3:0=OFF	
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON	I		
DI4	1x00004	0,0x00	BIT
	2x00004 I:3	B:00	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	0,0x00	BIT
	2x00005	B:00	R/O
	1:4		
		Current state of DI5:0=OFF	
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON			
DI6	1x00006 2x00006 L:5	0,0x00 B:00	BIT R/O
		Current state of DI6:0=OEE	
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON			
DI7	1x00007	0.0x00	BIT
	2x00007 I:6	B:00	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	0,0x00 B:00	BIT R/O
	I:7	Current state of DI9:0-OEE	
Current state of the digital input DIx		Current state of Dio.0-OFF	
=0:DI is OFF, =1:DI is ON			
DI9	1x00009	0,0x00	BIT
	2x00009 I:8	B:00	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	0,0x00	BIT
	2x00010 I:9	B:00	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	0,0x00	BIT
	2x00011 I:10	B:00	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	0,0x00	BIT
	2x00012	B:00	R/O
	I:11		
		Current state of DI12:0=OFF	
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON			
DI13	1x00013	0,0x00	BIT
	2x00013 I:12	B:00	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	0,0x00	BIT
	2x00014 I:13	B:00	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	0,0x00 B:00	BIT
	1:14	B.00	R/O
		Current state of DI15:0=OFF	
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON	I		
DI16	1x00016 2x00016	0,0x00 B:00	BIT R/O
	1.15	Current state of DI16:0=OEE	
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	0,0x00 B:00	BIT R/O
	I:21		
		Current state of DI22:0=OFF	
Current state of the digital input DIx =0:DI is OFF, =1:DI is ON			
DI23	1x00023	0,0x00	BIT
	2x00023 I:22	B:00	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	0,0x00	BIT
	2x00024 I:23	B:00	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	0,0x00	BIT
	2x00025 I:24	B:00	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	0,0x00	BIT
	2x00026 I:25	B:00	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	0,0x00	BIT
	2x00028 I:27	B:00	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	0,0x00 P:00	BIT	
	1:28	В.00	R/O	
		Current state of DI29:0=OFF		
Current state of the digital input D =0:DI is OFF, =1:DI is ON	IX		i	
DI30	1x00030	0,0x00	BIT	
	2x00030 I:29	B:00	R/O	
		Current state of DI30:0=OFF		
Current state of the digital input D =0:DI is OFF, =1:DI is ON	IX			
DI31	1x00031	0,0x00	BIT	
	2x00031 I:30	B:00	R/O	
		Current state of DI31:0=OFF		
Current state of the digital input D =0:DI is OFF, =1:DI is ON	lx			
DI32	1x00032 2x00032 1:31	1,0x01 B:01	BIT R/O	
	1.01	Current state of DI32:1=ON		
Current state of the digital input D =0:DI is OFF, =1:DI is ON	lx			
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 swit	ch is ON			
DIP SWITCH 2	1x00092	0,0x00	BIT	
	2x00092 I:91	B:00	R/O	
		Current state of DIP SWITCH2:0=OFF		
=0:Dip switch is OFF, =1: Dip swit	ch 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 swit	ch 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	h 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	h 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	h is ON				
DIP SWITCH 7	1×00097 2×00097 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	h is ON				
DIP SWITCH 8	1x00098 2x00098 I:97	0,0x00 B:00		BIT R/O	
		Current state of DIP SWITCH8:0=OFF			
=0:Dip switch is OFF, =1: Dip switch	h 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 inte	rnal edge counters and event co	punters 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)			
After power on or a soft reset this c With the function RESET COUNTE	tal input Dix. If the module dete ounter is set always to 0. R this counter is also set to 0.	cts a rising edge on the digital input, this counter is incremente	ט נע נ		

FALLING EDGES DI1	3x00002	0.0x0000		UINT16
	4x00002	B:00.00		R/O
	1.1			
		0 event(s)		
Counter for falling edges on the digita	al input DIx. If the module detects	a falling edge on the digital input this counter is increm	ented by 1	
After power on or a soft reset this cou	unter is set always to 0.			
With the function RESET COUNTER	this counter is also set to 0.			
RISING EDGES DI2	3x00003	0,0x0000		UINT16
	4x00003	B:00 00		R/O
	1:2			
		0 event(s)		
Counter for rising edges on the digita	I input DIx. If the module detects	a rising edge on the digital input, this counter is increme	ented by 1.	
After power on or a soft reset this cou	unter is set always to 0.			
With the function RESET COUNTER	this counter is also set to U.			
FALLING EDGES DI2	3x00004	0,0x0000		UINT16
	4x00004	B:00 00		R/O
	1:3			
		0 event(s)		
Counter for falling edges on the digita	al input DIx. If the module detects	a falling edge on the digital input, this counter is increm	iented by 1.	
After power on or a soft reset this col	Unter is set always to U.			
	2:0000F	0.0\(0.000		
RISING EDGES DIS	3X00005	D,0X0000		
	4x00005	B.00 00		R/O
	1.4	0 = 0		
Counter for riging edges on the digita	l input Div. If the module detected	U EVEIII(S)	pated by 1	
After nower on or a soft reset this cou	inter is set always to 0	a fising eage of the aight input, this counter is increme	filed by 1.	
With the function RESET COUNTER	this counter is also set to 0.			
FALLING EDGES DI3	3x00006	0.0x0000		UINT16
	4x00006	B:00.00		R/O
	1.5	2.00 00		
		0 event(s)		
Counter for falling edges on the digita	al input DIx. If the module detects	a falling edge on the digital input this counter is increm	ented by 1	
After power on or a soft reset this cou	unter is set always to 0.			
With the function RESET COUNTER	this counter is also set to 0.			
RISING EDGES DI4	3x00007	0,0x0000		UINT16
	4x00007	B:00 00		R/O
	1:6			
		0 event(s)		
Counter for rising edges on the digita	I input DIx. If the module detects	a rising edge on the digital input, this counter is increme	ented by 1.	1 1
After power on or a soft reset this cou	unter is set always to 0.		-	
With the function RESET COUNTER	this counter is also set to 0.			
FALLING EDGES DI4	3x00008	0,0x0000		UINT16
	4x00008	B:00 00		R/O
	1:7			

		0 event(s)			
Counter for falling edges on the digital inp After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.		
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 inp After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.		
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 inp After power on or a soft reset this counter With the function RESET COUNTER this	but DIx. If the module detects a is set always to 0. counter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.		
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 inp After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.		
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 inp After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.		
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 inp After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.		
FALLING EDGES DI7	3x00014 4x00014 I:13	0,0x0000 B:00 00		UINT16 R/O	
0 event(s)					

Counter for falling edges on the digit After power on or a soft reset this co With the function RESET COUNTEF	tal input DIx. If the module detects a ounter is set always to 0. R this counter is also set to 0.	falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI8	3x00015 4x00015 I:14	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for rising edges on the digita After power on or a soft reset this co With the function RESET COUNTER	al input DIx. If the module detects a punter is set always to 0. R this counter is also set to 0.	rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI8	3x00016 4x00016 I:15	0,0x0000 B:00 00	UINT16 R/O
l		0 event(s)	
Counter for falling edges on the digit After power on or a soft reset this co With the function RESET COUNTER	tal input DIx. If the module detects ounter is set always to 0. R this counter is also set to 0.	falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI9	3x00017 4x00017 I:16	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for rising edges on the digita After power on or a soft reset this co With the function RESET COUNTER	al input DIx. If the module detects a punter is set always to 0. R this counter is also set to 0.	rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI9	3x00018 4x00018 I:17	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for falling edges on the digit After power on or a soft reset this co With the function RESET COUNTEF	tal input DIx. If the module detects i ounter is set always to 0. R this counter is also set to 0.	ι falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI10	3x00019 4x00019 I:18	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for rising edges on the digita After power on or a soft reset this co With the function RESET COUNTER	al input DIx. If the module detects a ounter is set always to 0. R this counter is also set to 0.	rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI10	3x00020 4x00020 I:19	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
After power on or a soft reset this co With the function RESET COUNTEF	tal input DIx. If the module detects i ounter is set always to 0. R this counter is also set to 0.	a falling edge on the digital input, this counter is incremented by 1.	

RISING EDGES DI11	3x00021	0.0x0000		UINT16
	4x00021	B:00 00		R/O
	1:20			
		0 event(s)		
Counter for rising edges on the digital inp	ut DIx. If the module detects a	a rising edge on the digital input, this counter is increme	nted by 1.	
After power on or a soft reset this counter	r is set always to 0.	· · · · · · · · · · · · · · · · · · ·		
With the function RESET COUNTER this	counter is also set to 0.			
FALLING EDGES DI11	3x00022	0,0x0000		UINT16
	4x00022	B:00 00		R/O
	1:21			
		0 event(s)		
Counter for falling edges on the digital inp	but DIx. If the module detects	a falling edge on the digital input, this counter is increm	ented by 1.	
With the function DESET COUNTED this	IS SET AIWAYS TO U.			
	2×00022	0.0×0000		
	4×00023	B:00.00		P/O
	1.22	B.00 00		100
	1.22	() event(s)		
Counter for rising edges on the digital inn	ut Dix. If the module detects a	a rising edge on the digital input, this counter is increme	nted by 1	
After power on or a soft reset this counter	r is set always to 0.	a name cuye on the digital input, this counter is increme	nicu by 1.	
With the function RESET COUNTER this	counter is also set to 0.			
FALLING EDGES DI12	3x00024	0.0x0000		UINT16
	4x00024	B:00 00		R/O
	1:23			
		0 event(s)		
Counter for falling edges on the digital ing	out DIx. If the module detects	a falling edge on the digital input, this counter is increm	ented by 1.	
After power on or a soft reset this counter	r is set always to 0.			
With the function RESET COUNTER this	counter is also set to 0.			
	1			
RISING EDGES DI13	3x00025	0,0x0000		UINT16
	4x00025	B:00 00		R/O
	1:24			
		0 event(s)		
Counter for rising edges on the digital inp	ut DIx. If the module detects a	a rising edge on the digital input, this counter is increme	nted by 1.	
After power on or a soft reset this counter	r is set always to 0.			
WITH THE TUNCTION RESET COUNTER THIS	counter is also set to 0.			
	2,00020	0.0v0000		
FALLING EDGES DI13	3X00026	U,UXUUUU B:00.00		
	4X00020	B.00 00		R/O
	1.25	0 = 1 = 1		
Counter for folling adappenent the district in	ut Div. If the medule detects	U EVEIII(S)	optod by 1	
After nower on or a soft reset this counter	r is set always to 0	a raining euge on the digital input, this counter is increm	enteu by 1.	
With the function RESET COUNTER this	counter is also set to 0.			
RISING EDGES DI14	3x00027	0.0x0000		UINT16
	4x00027	B:00.00		R/O
	1:26	2.00 00		

		0 event(s)		
Counter for rising edges on the digital After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects a nter is set always to 0. his counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	l input DIx. If the module detects a nter is set always to 0. his counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects a nter is set always to 0. his counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects a nter is set always to 0. his counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	input Dix. If the module detects a nter is set always to 0. his counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	l input DIx. If the module detects a nter is set always to 0. his counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.	
RISING EDGES DI17	3x00033 4x00033 I:32	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		

Counter for rising edges on the digita After power on or a soft reset this cou With the function RESET COUNTER	I input DIx. If the module detects unter is set always to 0. this counter is also set to 0.	a rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI17	3x00034 4x00034 I:33	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for falling edges on the digita After power on or a soft reset this cou With the function RESET COUNTER	al input DIx. If the module detects unter is set always to 0. this counter is also set to 0.	a falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI18	3x00035 4x00035 I:34	0,0x0000 B:00 00	UINT16 R/O
Counter for rising edges on the digita After power on or a soft reset this cou With the function RESET COUNTER	l input DIx. If the module detects unter is set always to 0. this counter is also set to 0.	a rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI18	3x00036 4x00036 I:35	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for falling edges on the digita After power on or a soft reset this cou With the function RESET COUNTER	al input DIx. If the module detects unter is set always to 0. this counter is also set to 0.	a falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI19	3x00037 4x00037 I:36	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for rising edges on the digita After power on or a soft reset this cou With the function RESET COUNTER	I input DIx. If the module detects unter is set always to 0. this counter is also set to 0.	a rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI19	3x00038 4x00038 I:37	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for falling edges on the digita After power on or a soft reset this cou With the function RESET COUNTER	al input DIx. If the module detects unter is set always to 0. this counter is also set to 0.	a falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI20	3x00039 4x00039 I:38	0,0x0000 B:00 00	UINT16 R/O
Country for viology of the set the set of	Lipput Div. If the medule data to	U event(s)	
After power on or a soft reset this cou With the function RESET COUNTER	u input Dix. If the module detects unter is set always to 0. this counter is also set to 0.	a rising eage on the digital input, this counter is incremented by 1.	

FALLING EDGES DI20	3x00040	0.0x0000		UINT16
	4x00040	B:00 00		R/O
	1:39			
		0 event(s)		
Counter for falling edges on the digital	input DIx. If the module detect	s a falling edge on the digital input this counter is increm	lented by 1	
After power on or a soft reset this cour	inter is set always to 0.	s a raining eage on the aight input, this counter is increasing		
With the function RESET COUNTER the	his counter is also set to 0.			
RISING EDGES DI21	3x00041	0,0x0000		UINT16
	4x00041	B:00 00		R/O
	1:40			
		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 increme	ented by 1.	
After power on or a soft reset this cour	nter is set always to 0.	······································		
With the function RESET COUNTER the	his counter is also set to 0.			
FALLING EDGES DI21	3x00042	0,0x0000		UINT16
	4x00042	B:00 00		R/O
	1:41			
		0 event(s)		
Counter for falling edges on the digital	input DIx. If the module detect	s a falling edge on the digital input, this counter is increm	ented by 1.	
After power on or a soft reset this cour	nter is set always to 0.		,	
With the function RESET COUNTER the	his counter is also set to 0.			
RISING EDGES DI22	3x00043	0,0×0000		UINT16
	4x00043	B:00 00		R/O
	1:42			
		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 increme	ented by 1.	
After power on or a soft reset this cour	nter is set always to 0.		,	
With the function RESET COUNTER to	his counter is also set to 0.			
FALLING EDGES DI22	3x00044	0,0x0000		UINT16
	4x00044	B:00 00		R/O
	1:43			
		0 event(s)		
Counter for falling edges on the digital	input DIx. If the module detect	s a falling edge on the digital input, this counter is increm	ented by 1.	
After power on or a soft reset this cour	nter is set always to 0.			
With the function RESET COUNTER the	his counter is also set to 0.			
RISING EDGES DI23	3x00045	0,0×0000		UINT16
	4x00045	B:00 00		R/O
	1:44			
		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 increme	ented by 1.	
After power on or a soft reset this cour	nter is set always to 0.		-	
With the function RESET COUNTER the	his counter is also set to 0.			
FALLING EDGES DI23	3x00046	0,0×0000		UINT16
	4x00046	B:00 00		R/O
	1:45			

		0 event(s)		
Counter for falling edges on the digital After power on or a soft reset this coun With the function RESET COUNTER th	input Dix. If the module detects a iter is set always to 0. his counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.	
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 i After power on or a soft reset this coun With the function RESET COUNTER th	nput DIx. If the module detects a ter is set always to 0. his counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
FALLING EDGES DI24	3x00048 4x00048 I:47	0,0x0000 B:00 00		UINT16 R/O
Counter for falling edges on the digital After power on or a soft reset this coun With the function RESET COUNTER th	input DIx. If the module detects a iter is set always to 0. his counter is also set to 0.	0 event(s) falling edge on the digital input, this counter is increm	ented by 1.	
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 i After power on or a soft reset this coun With the function RESET COUNTER th	nput DIx. If the module detects a ter is set always to 0. his counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
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 After power on or a soft reset this coun With the function RESET COUNTER th	input DIx. If the module detects a ter is set always to 0. his counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.	
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 i After power on or a soft reset this coun With the function RESET COUNTER th	nput DIx. If the module detects a ter is set always to 0. his counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
FALLING EDGES DI26	3x00052 4x00052 I:51	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		

Counter for falling edges on the digit. After power on or a soft reset this cou With the function RESET COUNTER	al input DIx. If the module detects a unter is set always to 0. It his counter is also set to 0.	I falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI27	3x00053 4x00053 I:52	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for rising edges on the digita After power on or a soft reset this cou With the function RESET COUNTER	al input DIX. If the module detects a unter is set always to 0. It this counter is also set to 0.	rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI27	3x00054 4x00054 I:53	0,0x0000 B:00 00	UINT16 R/O
Counter for falling edges on the digit. After power on or a soft reset this co With the function RESET COUNTER	al input DIx. If the module detects a unter is set always to 0. this counter is also set to 0.	U event(s) I falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI28	3x00055 4x00055 I:54	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for rising edges on the digita After power on or a soft reset this con With the function RESET COUNTER	I input DIx. If the module detects a unter is set always to 0. this counter is also set to 0.	rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI28	3x00056 4x00056 I:55	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for falling edges on the digit: After power on or a soft reset this cor With the function RESET COUNTER	al input DIx. If the module detects a unter is set always to 0. I this counter is also set to 0.	I falling edge on the digital input, this counter is incremented by 1.	
RISING EDGES DI29	3x00057 4x00057 I:56	0,0x0000 B:00 00	UINT16 R/O
		0 event(s)	
Counter for rising edges on the digita After power on or a soft reset this con With the function RESET COUNTER	I input DIx. If the module detects a unter is set always to 0. this counter is also set to 0.	rising edge on the digital input, this counter is incremented by 1.	
FALLING EDGES DI29	3x00058 4x00058 I:57	0,0×0000 B:00 00	UINT16 R/O
Country for falling, advecting the disit		U event(s)	
After power on or a soft reset this col With the function RESET COUNTER	al input Dix. If the module detects a unter is set always to 0. ! this counter is also set to 0.	Tailing edge on the digital input, this counter is incremented by 1.	

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 After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects nter is set always to 0. his counter is also set to 0.	a rising edge on the digital input, this counter is increme	nted by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects nter is set always to 0. his counter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects iter is set always to 0. his counter is also set to 0.	a rising edge on the digital input, this counter is increme	nted by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects nter is set always to 0. his counter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER t	input DIx. If the module detects nter is set always to 0. his counter is also set to 0.	a rising edge on the digital input, this counter is increme	nted by 1.	
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 After power on or a soft reset this cour With the function RESET COUNTER the	input DIx. If the module detects nter is set always to 0. his counter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.	
STATUS				

FILTER PATTERN DI1	3x00065 4x00065	0,0x00000000 B:00 00 00 00		UINT32 R/O
The internal pattern for corresponding	l:64	he internal used state is greated out of this internal pat	ttorn via ovorcampling	
	uigital input for AC/DC intering. T	në internai useu statë is createu out of this internal pat		
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. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern via oversampling.	
FILTER PATTERN DI5	3x00073 4x00073 I:72	0,0x0000000 B:00 00 00 00		UINT32 R/O
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern 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. T	he internal used state is created out of this internal pat	tern via oversampling.	

FILTER PATTERN DI12	3x00087	0,0x00000000		UINT32
	4X00087	B.00 00 00 00		R/O
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	ttern via oversampling.	
FILTER PATTERN DI13	3x00089	0.0x0000000		LIINT32
	4x00089	B:00 00 00 00		R/O
	1:88			
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	itern via oversampling.	
FILTER PATTERN DI14	3x00091	0,0x0000000		UINT32
	4x00091	B:00 00 00 00		R/O
	1:90			
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.	
FILTER PATTERN DI15	3x00093	0,0x0000000		UINT32
	4x00093	B:00 00 00 00		R/O
The internal pattern for corresponding	digital input for AC/DC filtoring. T	he internal used state is created out of this internal pat	ttorn via ovorsampling	
FILTER PATTERN DI16	3x00095	0,0x00000000		UIN132
	4x00095	B:00 00 00 00		R/O
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	ttern via oversampling.	
FILTER PATTERN DI17	3x00097	0.0x0000000		LIINT32
	4x00097	B:00 00 00 00		R/O
	1:96			
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	ttern via oversampling.	
FILTER PATTERN DI18	3x00099	0,0x0000000		UINT32
	4x00099	B:00 00 00 00		R/O
	1:98			
The internal pattern for corresponding	digital input for AC/DC filtering. I	he internal used state is created out of this internal pat	tern via oversampling.	
FILTER PATTERN DI19	3x00101	0,0x0000000		UINT32
	4x00101	B:00 00 00 00		R/O
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal nat	ttern via oversampling	
FILTER PATTERN DIZU	3x00103	B:00.00.00		
	1:102	B.00 00 00 00		100
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	ttern via oversampling.	
FILTER PATTERN DI21	3x00105	0.0x0000000		UINT32
	4x00105	B:00 00 00 00		R/O
	I:104			
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.	
FILTER PATTERN DI22	3x00107	0,0x0000000		UINT32
	4x00107	B:00 00 00 00		R/O
The internal pattern for corresponding	digital input for AC/DC filtoring. T	he internal used state is greated out of this internal pat		
The internal pattern for corresponding	uigital input ior AC/DC intering. I	ne internal useu state is createu out or triis internal pat	aeni via uveisampiing.	

FILTER PATTERN DI23	3x00109	0,0×0000000		UINT32	
	4x00109	B:00 00 00 00		R/O	
The internal pattern for corresponding	l:108	he internal used state is created out of this internal pat	torn via avorcampling		
FILTER PATTERN DI24	3x00111	0,0x0000000		UINT32	
	4x00111	B:00 00 00 00		R/O	
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.		
EII TER PATTERN DI25	3x00113	0.0x0000000		LIINT32	
	4x00113	B:00 00 00 00		R/O	
	I:112				
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.		
FILTER PATTERN DI26	3x00115	0,0x0000000		UINT32	
	4x00115	B:00 00 00 00		R/O	
	I:114				
The internal pattern for corresponding	digital input for AC/DC filtering. I	he internal used state is created out of this internal pat	tern via oversampling.		
FILTER PATTERN DI27	3x00117	0,0x0000000		UINT32	
	4x00117	B:00 00 00 00		R/O	
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal nat	tern via oversampling		
FILTER PATTERN DI28	3X00119	B:00.00.00		UINT32 B/O	
	1.118	B.00 00 00 00		100	
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.		
FILTER PATTERN DI29	3x00121	0,0x0000000		UINT32	
	4x00121	B:00 00 00 00		R/O	
	I:120				
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.		
FILTER PATTERN DI30	3x00123	0,0×0000000		UINT32	
	4x00123	B:00 00 00 00		R/O	
The internal pattern for corresponding	l:122	he internal used state is prested out of this internal not	torn via avorampling		
The internal pattern for corresponding	uigital input for AC/DC filtering. T	The internal used state is created out of this internal pat	terri via oversarripiirig.		
FILTER PATTERN DI31	3x00125	0,0x0000000		UINT32	
	4X00125	B:00 00 00 00		R/O	
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.		
EII TER PATTERN DI32	3x00127	4294967295 0xEEEEEE		LIINT32	
	4x00127	B:FF FF FF FF		R/O	
	1:126				
The internal pattern for corresponding	digital input for AC/DC filtering. T	he internal used state is created out of this internal pat	tern via oversampling.	i	
GENERAL STATUS OF DIS					
RESET COUNTERS	3x10000	0,0x0000	1:PERFORM RESET	UINT16	YES
	4x10000	B:00 00		R/W	
	I:9999				
in this register is written to 1, all interna	a eque counters and event counter	ers are set to U. U IS always returned when reading.			

HAS DIS CHANGED	3x10001	3 0x0003	LUNT16
	4x10001	B:00 03	R/O
	I:10000		
		3 event(s)	
As soon as the module registrates an even Possible events are: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	ent on one of the availab	le digital inputs, this global event counter is incremented by 1.	
STATUS OF ALL DIS	3x10002	0 0x0000	LIINT16
DI1DI16	4x10002 I:10001	B:00 00	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 D11D11 Bit 0: =0:D11 is OFF, =1:D11 is ON Bit 1: =0:D12 is OFF, =1:D12 is ON Bit 2: =0:D13 is OFF, =1:D13 is ON Bit 3: =0:D14 is OFF, =1:D14 is ON Bit 4: =0:D15 is OFF, =1:D16 is ON Bit 5: =0:D16 is OFF, =1:D16 is ON Bit 6: =0:D17 is OFF, =1:D18 is ON Bit 8: =0:D19 is OFF, =1:D19 is ON Bit 8: =0:D110 is OFF, =1:D110 is ON Bit 10: =0:D111 is OFF, =1:D111 is ON Bit 11: =0:D112 is OFF, =1:D112 is ON Bit 12: =0:D113 is OFF, =1:D113 is ON Bit 13: =0:D114 is OFF, =1:D114 is ON Bit 14: =0:D115 is OFF, =1:D115 is ON Bit 14: =0:D116 is OFF, =1:D115 is ON	6		
STATUS OF ALL'DIS DIE IS ON	3x10003	32768,0x8000	
110132	1:10002	B:80 00	K/U
		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			
Bit 1: =0:D118 is OFF, =1:D118 is ON Bit 2: =0:D119 is OFF, =1:D119 is ON Bit 3: =0:D120 is OFF, =1:D120 is ON Bit 4: =0:D121 is OFF, =1:D121 is ON Bit 5: =0:D122 is OFF, =1:D122 is ON Bit 6: =0:D123 is OFF, =1:D124 is ON Bit 7: =0:D124 is OFF, =1:D124 is ON Bit 8: =0:D125 is OFF, =1:D126 is ON Bit 9: =0:D126 is OFF, =1:D126 is ON Bit 10: =0:D129 is OFF, =1:D128 is ON Bit 11: =0:D129 is OFF, =1:D129 is ON Bit 13: =0:D130 is OFF, =1:D130 is ON Bit 14: =0:D131 is OFF, =1:D130 is ON					
STATUS OF DIP SWITCH ON	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					
RISE DI1	3x20001	0.0x0000		LIINT16	
	4x20001 I:20000	B:00 00		R/O	
		0 event(s)			
After power on or a soft reset this coun With the function RESET COUNTER th	as a line as a l	0,0x0000 B:00 00		UINT16 R/O	
	1.20001	0 august/a)			
Counter for falling edges on the digital	input DIx. If the module detects a	falling edge on the digital input, this counter is increm	ented by 1.		
After power on or a soft reset this coun With the function RESET COUNTER th	ter is set always to 0. his 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 I After power on or a soft reset this coun The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	Dix. If the module detects an even ter is set always to 0. With the fun s	nt on the digital input, this counter is incremented by 1. Inction RESET COUNTER this counter is also set to 0.			
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 After power on or a soft reset this count With the function RESET COUNTER the	ne digital input DIx. If the module ter is set always to 0. his counter is also set to 0.	detects a short keypress on the digital input, this coun	ter is incremented by 1.		
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 a After power on or a soft reset this counter With the function RESET COUNTER this of	actions on the digital input DIx is set always to 0. counter is also set to 0.	. If the module detects the start of a long keypress acti	on on the digital input, this counter is increme	ented by 1.
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 a After power on or a soft reset this counter With the function RESET COUNTER this of	ctions on the digital input DIx. is set always to 0. counter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital input, this counter is incremer	nted by 1.
DIGITAL INPUTS: STATUS FOR	DIGITAL INPUT DI2			
RISE DI2	3x20011 4x20011	0,0x0000 B:00 00		UINT16 R/O
	1.20010	0 avent(c)		
Counter for rising edges on the digital inpu After power on or a soft reset this counter With the function RESET COUNTER this of	ut DIX. If the module detects a is set always to 0. counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
FALL DI2	3x20012 4x20012 I:20011	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		
Counter for falling edges on the digital inpu After power on or a soft reset this counter With the function RESET COUNTER this of	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.	
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. After power on or a soft reset this counter The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	. If the module detects an eve is set always to 0. With the fu	nt on the digital input, this counter is incremented by 1 nction RESET COUNTER this counter is also set to 0.		
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 or After power on or a soft reset this counter With the function RESET COUNTER this or	digital input DIx. If the module is set always to 0. counter is also set to 0.	detects a short keypress on the digital input, this coun	ter is incremented by 1.	
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 keyp	ress actions on the digital input DIx. I	f the module detects the start of a long keypress a	tion on the digital input, this counter is increm	nented by 1.
After power on or a soft reset this col With the function RESET COLINTER	unter is set always to 0. I this counter is also set to 0			
I ONG KEYPRESS END DI2	3x20016	0.0x0000		UINT16
	4x20016	B:00 00		R/O
	1:20015			
	0	event(s)		
Counter for end events of long keypr	ess actions on the digital input DIx. If	the module detects the end of a long keypress act	ion on the digital input, this counter is increme	ented by 1.
After power on or a soft reset this co	unter is set always to 0.	5 71		,
With the function RESET COUNTER	this counter is also set to 0.			
DIGITAL INPUTS: STATUS F				
RISE DI3	3X20021	0,0×0000		UINT16
	4X20021	B:00 00		R/O
	1.20020			
Occuptor for vision offers on the divite	U instruct Div. If the meadule data at a ri	event(s)		
After power on or a soft reset this co	al input Dix. If the module detects a ri unter is set always to 0	sing eage on the digital input, this counter is incren	lented by 1.	
With the function RESET COUNTER	this counter is also set to 0.			
FALL DI3	3x20022	0.0x0000		UINT16
	4x20022	B:00 00		R/O
	1:20021			
	0	event(s)		
Counter for falling edges on the digit/	al input DIx. If the module detects a f	alling edge on the digital input, this counter is incre	mented by 1.	
After power on or a soft reset this con	unter is set always to 0.		·	
With the function RESET COUNTER	this counter is also set to 0.			
	2.20022	0.0.0000		
CHANGE DI3	3X20023	0,0X0000		UINT16
	4X20023	B:00 00		R/O
	1.20022			
Counter for events on the divital inc.	U U	event(s)	1	
After nower on or a soft reset this co	unter is set always to 0. With the fund	on the digital input, this counter is incremented by tion RESET COUNTER this counter is also set to i	ן. ר	
The following events are available:	unter 15 Set always to 0. With the func		<i>.</i>	
Detecion of a short keypress				
Detection of the start of a long keypre	ess			
Detection of the end of a long keypre	ess			
SHORT KEYPRESS DI3	3x20024	0,0x0000		UINT16
	4x20024	B:00 00		R/O
	1:20023			
	0	event(s)		
Counter for short keypress events on	n the digital input DIx. If the module d	etects a short keypress on the digital input, this cou	inter is incremented by 1.	
With the function RESET COUNTED	unier is set always to 0. I 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 a After power on or a soft reset this counter i With the function RESET COUNTER this c	ctions on the digital input D s set always to 0. ounter is also set to 0.	x. If the module detects the start of a long keypress act	on on the digital input, this counter is increm	ented by 1.
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 at After power on or a soft reset this counter i With the function RESET COUNTER this c	tions on the digital input DI: s set always to 0. ounter is also set to 0.	x. If the module detects the end of a long keypress actic	n on the digital input, this counter is increme	nted by 1.
DIGITAL INPUTS: STATUS FOR L				
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 After power on or a soft reset this counter i With the function RESET COUNTER this c	t DIx. If the module detects s set always to 0. ounter is also set to 0.	a rising edge on the digital input, this counter is increme	nted by 1.	
FALL DI4	3x20032 4x20032 I:20031	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		
Counter for falling edges on the digital inpu After power on or a soft reset this counter i With the function RESET COUNTER this c	It DIx. If the module detects s set always to 0. ounter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.	
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. After power on or a soft reset this counter i 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	If the module detects an ev s set always to 0. With the f	ent on the digital input, this counter is incremented by 1 unction RESET COUNTER this counter is also set to 0.		
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 dig After power on or a soft reset this counter is With the function RESET COUNTER this co	jital input DIx. If the module set always to 0. unter is also set to 0.	detects a short keypress on the digital input, this coun	ter is incremented by	y 1.	
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 act After power on or a soft reset this counter is With the function RESET COUNTER this co	tions on the digital input DIx set always to 0. unter is also set to 0.	. If the module detects the start of a long keypress acti	on on the digital inpl	ut, this counter is incremented by 1.	
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 acti After power on or a soft reset this counter is With the function RESET COUNTER this co DIGITAL INPUTS: STATUS FOR D	ions on the digital input DIx. set always to 0. unter is also set to 0. IGITAL INPUT DI5	If the module detects the end of a long keypress actio	n on the digital input	t, this counter is incremented by 1.	
	3x200/1	0.0×0000			
	4x20041 I:20040	B:00 00			R/O
		0 event(s)			
Counter for rising edges on the digital input After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects a set always to 0. unter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.		
FALL DI5	3x20042	0,0x0000			UINT16
	4x20042 I:20041	B:00 00			R/O
		0 event(s)			
Counter for falling edges on the digital input After power on or a soft reset this counter is With the function RESET COUNTER this co	Dix. If the module detects a set always to 0. unter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.		
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 After power on or a soft reset this counter is 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	the module detects an eve set always to 0. With the fu	nt on the digital input, this counter is incremented by 1 nction RESET COUNTER this counter is also set to 0.			
	3x20044	0.0x0000			
	4x20044 1:20043	B:00 00			R/O

		0 event(s)				
Counter for short keypress events on the digit After power on or a soft reset this counter is s With the function RESET COUNTER this cour	al input DIx. If the module et always to 0. nter is also set to 0.	detects a short keypress on the digital input, this counte	r is incremented by	y 1.		
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 action After power on or a soft reset this counter is s With the function RESET COUNTER this counter	ons on the digital input DIx et always to 0. nter is also set to 0.	. If the module detects the start of a long keypress actio	ו on the digital inpu	ut, this counter is incremented by 1.		
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 actio After power on or a soft reset this counter is s With the function RESET COUNTER this coun DIGITAL INPUTS: STATUS FOR DIG	ns on the digital input DIx. et always to 0. nter is also set to 0.	If the module detects the end of a long keypress action	on the digital input	, this counter is incremented by 1.		
	3x20051	0.0×0000			LIINT16	
	4x20051 I:20050	B:00 00			R/O	
		0 event(s)				
Counter for rising edges on the digital input D After power on or a soft reset this counter is s With the function RESET COUNTER this cour	ix. If the module detects a et always to 0. nter is also set to 0.	rising edge on the digital input, this counter is incremen	ied by 1.			
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 D After power on or a soft reset this counter is s With the function RESET COUNTER this cour	Ix. If the module detects a et always to 0. nter is also set to 0.	falling edge on the digital input, this counter is increme	ited by 1.		!	
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 t After power on or a soft reset this counter is s The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	he module detects an eve et always to 0. With the fu	nt on the digital input, this counter is incremented by 1. Inction RESET COUNTER this counter is also set to 0.				

	3x20054	0.0×0000			LUNT16	
SHORT RETTRESS DIO	4x20054	B:00.00				
	4720034	B.00 00			R/U	
	1.20053					
		0 event(s)				
Counter for short keypress events on the digit	tal input DIx. If the module	detects a short keypress on the digital input, this coun-	er is incremented h	oy 1.		
After power on or a soft reset this counter is s	et always to 0.					
with the function RESET COUNTER this cou	nter is also set to U.					
	1					
LONG KEYPRESS START DI6	3x20055	0,0x0000			UINT16	
	4x20055	B:00 00			R/O	
	I:20054					
		0 event(s)				
Counter for start events of long keypress action	ons on the digital input DIx	If the module detects the start of a long keypress acti	on on the digital inr	but, this counter is incremented by 1.	ι <u> </u>	
After power on or a soft reset this counter is s	et always to 0.		sh on the algital hip			
With the function RESET COUNTER this cou	nter is álso set to 0.					
LONG KEYPRESS END DI6	3x20056	0.0x0000			LIINT16	
	4x20056	B:00.00			R/O	
	1:20055	D.00 00			100	
	1.20000	0 overt(o)			<u> </u>	
Counter for and events of long leaverage estis	no on the digital input Div	U EVEIII(S)	n on the digital innu	t this soundar is incremented by 1	L	
Counter for end events of long keypress actio	ins on the digital input Dix.	In the module detects the end of a long keypress actio	i on the digital inpl	it, this counter is incremented by 1.		
With the function DESET COUNTED this cou	rect always 10 0.					
	TILET 15 0150 SET 10 0.					
DIGITAL INPUTS: STATUS FOR DIG	STAL INPUT DI/			1		1
RISE DI7	3x20061	0,0x0000			UINT16	
	4x20061	B:00 00			R/O	
	I:20060					
		0 event(s)				
Counter for rising edges on the digital input D	Ix. If the module detects a	rising edge on the digital input, this counter is increme	nted by 1.			
After power on or a soft reset this counter is s	et always to 0.					
With the function RESET COUNTER this cou	nter is álso set to 0.					
FALL DI7	3x20062	0.0x0000			UINT16	
	4x20062	B:00.00			R/O	
	1.20061	B:00 00			100	
	1.20001	0				
		U event(s)			l	
Counter for falling edges on the digital input L	Dix. If the module detects a	a falling edge on the digital input, this counter is increme	ented by 1.			
Mith the function DESET COUNTED this counter is s	et always to U.					
	THEF IS AISO SET TO U.					
	0.0000			1		
CHANGE DI7	3x20063	0,0x0000			UINT16	
	4x20063	B:00 00			R/O	
	I:20062					
		0 event(s)				

Counter for events on the digital input DIx. After power on or a soft reset this counter The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	If the module detects an eve is set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. nction RESET COUNTER this counter is also set to 0.		
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 c After power on or a soft reset this counter With the function RESET COUNTER this c	digital input DIx. If the module is set always to 0. counter is also set to 0.	detects a short keypress on the digital input, this count	er is incremented by 1.	
LONG KEYPRESS START DI7	3x20065	0,0x0000		UINT16
	4x20065 I:20064	B:00 00		R/O
		0 event(s)		
Counter for start events of long keypress a After power on or a soft reset this counter With the function RESET COUNTER this of	actions on the digital input DI> is set always to 0. counter is also set to 0.	. If the module detects the start of a long keypress action	on on the digital input, this counter is incren	nented by 1.
LONG KEYPRESS END DI7	3x20066	0,0x0000		UINT16
	4x20066 I:20065	B:00 00		R/O
		0 event(s)		
After power on or a soft reset this counter With the function RESET COUNTER this c	ctions on the digital input Dix is set always to 0. counter is also set to 0.	If the module detects the end of a long keypress action	i on the digital input, this counter is increme	ented by 1.
DIGITAL INPUTS: STATUS FOR	DIGITAL INPUT DI8			
RISE DI8	3x20071	0,0x0000		UINT16
	4x20071 I:20070	B:00 00		R/O
		0 event(s)		
Counter for rising edges on the digital inpu After power on or a soft reset this counter With the function RESET COUNTER this o	It DIx. If the module detects a is set always to 0. counter is also set to 0.	rising edge on the digital input, this counter is increment	nted by 1.	
FALL DI8	3x20072 4x20072	0,0x0000 B:00 00		UINT16 R/O
	1:20071	0		
Counter for falling edges on the digital inpu After power on or a soft reset this counter With the function RESET COUNTER this o	ut DIX. If the module detects a is set always to 0. counter is also set to 0.	to even((s) a falling edge on the digital input, this counter is increme	ented by 1.	
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. After power on or a soft reset this counter i 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	If the module detects an exs set always to 0. With the	rent on the digital input, this counter is incremented by 1. function RESET COUNTER this counter is also set to 0.		I
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 d After power on or a soft reset this counter i With the function RESET COUNTER this c	igital input DIx. If the modu s set always to 0. ounter is also set to 0.	le detects a short keypress on the digital input, this counter	s incremented by 1.	i
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 a After power on or a soft reset this counter i With the function RESET COUNTER this c	ctions on the digital input E s set always to 0. ounter is also set to 0.	Ix. If the module detects the start of a long keypress action	on the digital input, this counter is incremented by 1.	
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 ac After power on or a soft reset this counter i With the function RESET COUNTER this c	tions on the digital input D s set always to 0. ounter is also set to 0.	x. If the module detects the end of a long keypress action o	1 the digital input, this counter is incremented by 1.	
DIGITAL INPUTS: STATUS FOR I	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 inpu After power on or a soft reset this counter i With the function RESET COUNTER this c	t Dix. If the module detects s set always to 0. ounter is also set to 0.	a rising edge on the digital input, this counter is incremente	J by 1.	i
FALL DI9	3x20082 4x20082 I:20081	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		
Counter for falling edges on the digital inpu After power on or a soft reset this counter i With the function RESET COUNTER this c	It DIx. If the module detects s set always to 0. ounter is also set to 0.	s a falling edge on the digital input, this counter is increment	ed by 1.	

CHANGE DI9	3x20083 4x20083 1:20082	0,0x0000 B:00 00		UINT16 R/O
	1.20002	0 event(s)		
Counter for events on the digital input DI After power on or a soft reset this counte 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	Ix. If the module detects an eve er is set always to 0. With the fu	int on the digital input, this counter is incremented by 1 inction RESET COUNTER this counter is also set to 0.		
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 After power on or a soft reset this counter With the function RESET COUNTER this	e digital input DIx. If the module er is set always to 0. s counter is also set to 0.	detects a short keypress on the digital input, this coun	ter is incremented by 1.	
LONG KEYPRESS START DI9	3x20085 4x20085 I:20084	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		
After power on or a soft reset this counter With the function RESET COUNTER this	s actions on the digital input Dis er is set always to 0. s counter is also set to 0.	c. If the module detects the start of a long keypress action of the start of a long keypress action of the start of the	on on the digital input, this counter is increm	nented by 1.
LONG KEYPRESS END DI9	3x20086 4x20086 I:20085	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		
After power on or a soft reset this counter With the function RESET COUNTER this	actions on the digital input Dix er is set always to 0. s counter is also set to 0.	. If the module detects the end of a long keypress actio	n on the digital input, this counter is increm	ented by 1.
DIGITAL INPUTS: STATUS FOR	R 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 in After power on or a soft reset this counter With the function RESET COUNTER this	put DIx. If the module detects a er is set always to 0. s counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	· · · · ·
FALL DI10	3x20092 4x20092 I:20091	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		

Counter for falling edges on the digital inpu After power on or a soft reset this counter i With the function RESET COUNTER this c	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.	
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. After power on or a soft reset this counter i The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	If the module detects an eve is set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. nction RESET COUNTER this counter is also set to 0.		
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 d After power on or a soft reset this counter i With the function RESET COUNTER this c	ligital input DIx. If the module is set always to 0. counter is also set to 0.	detects a short keypress on the digital input, this coun	er is incremented by 1.	
LONG KEYPRESS START DI10	3x20095 4x20095 I:20094	0,0x0000 B:00 00		UINT16 R/O
Counter for start events of long keypress a After power on or a soft reset this counter i With the function RESET COUNTER this c	ictions on the digital input DIx is set always to 0. counter is also set to 0.	. If the module detects the start of a long keypress acti	on on the digital input, this counter is incremente	ed by 1.
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 ac After power on or a soft reset this counter i With the function RESET COUNTER this c	ctions on the digital input DIx. is set always to 0. counter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital input, this counter is incremented	d by 1.
DIGITAL INPUTS: STATUS FOR I	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 inpu After power on or a soft reset this counter i With the function RESET COUNTER this c	It DIx. If the module detects a is set always to 0. counter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
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 I After power on or a soft reset this counter is s With the function RESET COUNTER this cou	Dix. If the module detects a set always to 0. Inter is also set to 0.	falling edge on the digital input, this counter is increme	ented by 1.	
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 After power on or a soft reset this counter is s The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	the module detects an even set always to 0. With the fun	nt on the digital input, this counter is incremented by 1. Inction RESET COUNTER this counter is also set to 0.		
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 digi After power on or a soft reset this counter is s With the function RESET COUNTER this cou	tal input DIx. If the module set always to 0. Inter is also set to 0.	detects a short keypress on the digital input, this coun	er is incremented by 1.	
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 acti After power on or a soft reset this counter is s With the function RESET COUNTER this cou	ons on the digital input DIx set always to 0. Inter is also set to 0.	If the module detects the start of a long keypress active	on on the digital input, this counter is incremented by 1.	
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 action After power on or a soft reset this counter is s With the function RESET COUNTER this cou	ons on the digital input DIx. set always to 0. Inter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital input, this counter is incremented by 1.	
DIGITAL INPUTS: STATUS FOR DI	GITAL 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 D After power on or a soft reset this counter is s With the function RESET COUNTER this cou	DIX. If the module detects a set always to 0. Inter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	

FALL DI12	3x20112	0.0x0000			UINT16	
	4x20112	B:00 00			R/O	
	I:20111					
		0 event(s)				
Counter for falling edges on the digital inpu	It DIx. If the module detects a	a falling edge on the digital input, this counter is increm	ented by 1.			
After power on or a soft reset this counter i	s set always to 0.					
with the function RESET COUNTER this c	ounter is also set to U.					
	2v20112	0.0v0000				
CHANGE DI12	3X20113 /x20113	B:00.00				
	1.20112	B.00 00			R/O	
	1.20112	0 event(s)				
Counter for events on the digital input DIx	If the module detects an eve	on the digital input this counter is incremented by 1				
After power on or a soft reset this counter i	s set always to 0. With the fu	inction RESET COUNTER this counter is also set to 0.				
The following events are available:						
Detection of a short keypress						
Detection of the end of a long keypress						
Detection of the end of a long keypress						
	2,20114	0.0.0000				
SHORT KETPRESS DI12	3X20114 4y20114	0,0X0000			UINT16	
	4X20114	B.00 00			R/U	
	1.20113	0 overt(o)				
Counter for short kovpress events on the d	igital input Div. If the module	U eveni(s)	tor ic incromonted k			
After power on or a soft reset this counter i	s set always to 0	e detects a short keypress on the digital input, this court		JY 1.		
With the function RESET COUNTER this c	ounter is also set to 0.					
LONG KEYPRESS START DI12	3x20115	0,0x0000			UINT16	
	4x20115	B:00 00			R/O	
	I:20114					
		0 event(s)				
Counter for start events of long keypress a	ctions on the digital input DI>	c. If the module detects the start of a long keypress action	on on the digital inp	ut, this counter is incremented by 1.		
After power on or a soft reset this counter i	s set always to 0.					
	ounter is also set to 0.					
	2v20116	0.0x0000				
LONG RETPRESS END DI12	3X20110 4x20116	B:00.00				
	1.20115	B.00 00			R/O	
	1.20115	0 = 0			+	
Counter for and events of long keypress at	tions on the digital input DIv	If the module detects the end of a long keypress action	n on the digital innu	t this counter is incremented by 1		
After power on or a soft reset this counter i	s set always to 0.		n on the digital inpu	i, inis counter is incremented by 1.		
With the function RESET COUNTER this c	ounter is also set to 0.					
DIGITAL INPUTS: STATUS FOR I	DIGITAL INPUT DI13					
RISE DI13	3x20121	0,0x0000			UINT16	
	4x20121	B:00 00			R/O	
	I:20120					
		0 event(s)				

Counter for rising edges on the digital input I After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects a set always to 0. unter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.			
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 After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects a set always to 0. unter is also set to 0.	falling edge on the digital input, this counter is increme	ented by 1.			
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 After power on or a soft reset this counter is The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	the module detects an even set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. Inction RESET COUNTER this counter is also set to 0.				
SHORT KEYPRESS DI13	3x20124 4x20124 I:20123	0,0x0000 B:00 00			UINT16 R/O	
Counter for short keypress events on the dig After power on or a soft reset this counter is With the function RESET COUNTER this co	ital input DIx. If the module set always to 0. unter is also set to 0.	detects a short keypress on the digital input, this count	er is incremented t	y 1.		
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 act After power on or a soft reset this counter is With the function RESET COUNTER this co	ions on the digital input DIx set always to 0. unter is also set to 0.	. If the module detects the start of a long keypress active	on on the digital inp	ut, this counter is incremented by 1.		
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 acti After power on or a soft reset this counter is With the function RESET COUNTER this co	ons on the digital input DIx. set always to 0. unter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital inpu	t, this counter is incremented by 1.		
DIGITAL INPUTS: STATUS FOR D	GITAL 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 D After power on or a soft reset this counter is s With the function RESET COUNTER this cou	Ix. If the module detects a tet always to 0. nter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.			
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 E After power on or a soft reset this counter is s With the function RESET COUNTER this cou	Dix. If the module detects a et always to 0. nter is also set to 0.	falling edge on the digital input, this counter is increme	ented by 1.			
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 After power on or a soft reset this counter is so The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	et always to 0. With the fu	nction RESET COUNTER this counter is incremented by 1. nction RESET COUNTER this counter is also set to 0.				
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 digi After power on or a soft reset this counter is s With the function RESET COUNTER this cou	tal input DIx. If the module et always to 0. nter is also set to 0.	detects a short keypress on the digital input, this coun	er is incremented t	y 1.		
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 action After power on or a soft reset this counter is s With the function RESET COUNTER this cou	ons on the digital input DIx et always to 0. nter is also set to 0.	. If the module detects the start of a long keypress active	on on the digital inp	but, this counter is incremented by 1.		
LONG KEYPRESS END DI14	3x20136 4x20136 I:20135	0,0x0000 B:00 00			UINT16 R/O	
		U event(s)				
Counter for end events of long keypress actio After power on or a soft reset this counter is s With the function RESET COUNTER this cou	ns on the digital input DIx. et always to 0. nter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital inpu	it, this counter is incremented by 1.		
DIGITAL INPUTS: STATUS FOR DIG	GITAL INPUT DI15					

RISE DI15	3x20141	0,0x0000		UINT16
	4x20141	B:00 00		R/O
	I:20140			
		0 event(s)		
Counter for rising edges on the digital inpu	ut DIx. If the module detects a	a rising edge on the digital input, this counter is increme	ented by 1.	ł ł
After power on or a soft reset this counter	is set always to 0.			
WITH THE TUNCTION RESET COUNTER THIS	counter is also set to 0.			
	2v20142	0.0v0000		
	4x20142	B:00.00		
	1.20141	B.00 00		100
	1.20141	0 event(s)		· · · · · · · · · · · · · · · · · · ·
Counter for falling edges on the digital inn	ut DIx. If the module detects	a falling edge on the digital input this counter is increm	ented hy 1	
After power 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	0,0x0000		UINT16
	4X20143	B:00 00		R/O
	1.20142	0		
Countar for events on the digital input Div	If the medule detects on ov	U event(s)		
After nower on or a soft reset this counter	is set always to 0. With the fi	inction 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	0,0x0000		UINT16
	4x20144	B:00 00		R/O
	1:20143	a (1)		
	disital insult Div. If the meadure	0 event(s)		
Counter for short keypress events on the	digital input DIX. If the module	e detects a short keypress on the digital input, this coun	iter is incremented by 1.	
With the function RESET COUNTER this	counter is also set to 0.			
LONG KEYPRESS START DI15	3x20145	0,0x0000		UINT16
	4x20145	B:00 00		R/O
	I:20144			
		0 event(s)		
Counter for start events of long keypress a	actions on the digital input DI	x. If the module detects the start of a long keypress acti	ion on the digital input, this counter is incremen	ited by 1.
After power on or a soft reset this counter	is set always to 0.			
With the function RESET COUNTER this	counter is also set to U.			
	2,20146	0.0v0000		
LONG RETPRESS END DI15	3X20140	0,00000		
	4,20140	B.00 00		R/O
	1.20145	0 averatio		
Counter for and events of long keymrose a	otions on the digital input DI	U EVEIII(S)	an on the digital input, this sounter is increment	od by 1
After power on or a soft reset this counter	is set always to 0	If the moutle detects the end of a long keypless actio	in on the digital input, this counter is incremente	50 by 1.
With the function RESET COUNTER this	counter is also set to 0.			

DIGITAL INPUTS: STATUS FOR I	DIGITAL INPUT DI16				
RISE DI16	3x20151	0,0x0000			UINT16
	4x20151	B:00 00			R/O
	1:20150				
		0 event(s)			
Counter for rising edges on the digital input	t DIx. If the module detects :	a rising edge on the digital input this counter is increme	nted by 1		
After power on or a soft reset this counter i With the function RESET COUNTER this c	sounter is also set to 0.				
FALL DI16	3x20152	0.0x0000			UINT16
	4x20152	B:00.00			R/O
	1:20151	5.00 00			100
		() event(s)			
Counter for falling edges on the digital inpu	It Dix. If the module detects	a falling edge on the digital input this counter is increm	ented by 1		
After power on or a soft reset this counter i With the function RESET COUNTER this c	is set always to 0. counter is also set to 0.	0.0.0000	1		
CHANGE DI16	3X20153	0,0x0000			UINT16
	4x20153	B:00 00			R/O
	I:20152				
		0 event(s)			
Detection of the start of a long keypress Detection of the end of a long keypress					
SHORT KEYPRESS DI16	3x20154	0.0x0000			UINT16
	4x20154	B:00.00			R/O
	1:20153				
		0 event(s)			
Counter for short keypress events on the d After power on or a soft reset this counter i With the function RESET COUNTER this c	ligital input DIx. If the module is set always to 0. counter is also set to 0.	e detects a short keypress on the digital input, this coun	ter is incremented b	y 1.	
LONG KEYPRESS START DI16	3x20155	0,0x0000			UINT16
	4x20155	B:00 00			R/O
	I:20154				
		0 event(s)			
Counter for start events of long keypress a After power on or a soft reset this counter i With the function RESET COUNTER this c	ctions on the digital input DI is set always to 0. counter is also set to 0.	x. If the module detects the start of a long keypress acti	on on the digital inp	ut, this counter is incremented by 1.	
LONG KEYPRESS END DI16	3x20156	0.0x0000			UINT16
	4x20156	B:00.00			R/O
	1:20155	D.00 00			
		0 event(s)			

After power on or a soft reset this counter With the function RESET COUNTER this	is set always to 0. counter is also set to 0.	. If the module detects the end of a long keypress action	n on the digital inpu	it, this counter is incremented by 1.		
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 inpu After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	rising edge on the digital input, this counter is increme	ented by 1.			
FALL DI17	3x20162 4x20162 I:20161	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
Counter for falling edges on the digital inp After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	a talling edge on the digital input, this counter is increm	ented by 1.			
CHANGE DI17	3x20163 4x20163 I:20162	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
After power on or a soft reset this counter The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	is set always to 0. With the fu	In on the orginal input, this counter is incremented by I inction RESET COUNTER this counter is also set to 0.				
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 After power on or a soft reset this counter With the function RESET COUNTER this	digital input DIx. If the module is set always to 0. counter is also set to 0.	detects a short keypress on the digital input, this cour	iter is incremented t	by 1.		
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 a After power on or a soft reset this counter With the function RESET COUNTER this	actions on the digital input DI is set always to 0. counter is also set to 0.	c. If the module detects the start of a long keypress act	ion on the digital inp	but, this counter is incremented by 1.		
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 action After power on or a soft reset this counter is s With the function RESET COUNTER this courter	ns on the digital input DIx. set always to 0. nter is also set to 0.	If the module detects the end of a long keypress action	on the digital input	t, this counter is incremented by 1.		
DIGITAL INPUTS: STATUS FOR DIG	GITAL 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 D After power on or a soft reset this counter is s With the function RESET COUNTER this cou	Ix. If the module detects a set always to 0. nter is also set to 0.	rising edge on the digital input, this counter is increment	ed by 1.			
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 E After power on or a soft reset this counter is s With the function RESET COUNTER this cou	Dix. If the module detects a set always to 0. nter is also set to 0.	a falling edge on the digital input, this counter is incremen	ted by 1.			
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 After power on or a soft reset this counter is soft reset this counter is soft reset the following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	he module detects an eve set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. nction RESET COUNTER this counter is also set to 0.				
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 digi After power on or a soft reset this counter is s With the function RESET COUNTER this cou	tal input DIx. If the module set always to 0. nter is also set to 0.	detects a short keypress on the digital input, this counter	r is incremented by	y 1.		
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 active After power on or a soft reset this counter is s With the function RESET COUNTER this cou	ons on the digital input DIx et always to 0. nter is also set to 0.	. If the module detects the start of a long keypress actior	i on the digital inpl	ut, this counter is incremented by 1.		

LONG KEYPRESS END DI18	3x20176	0,0x0000			UINT16	
	4x20176	B:00 00			R/O	
	I:20175					
		0 event(s)				
Counter for end events of long keypress ac	tions on the digital input DIx	. If the module detects the end of a long keypress action	on on the digital input, this	s counter is incremented by 1.		
After power on or a soft reset this counter i	s set always to 0.		in on the digital input, the			
With the function RESET COUNTER this c	ounter is also set to U.					
DIGITAL INPUTS: STATUS FOR I						
	3x20181	0.0x0000			LUNT16	
	4x20181	B:00.00				
	1:20180	B.00 00			100	
		0 event(s)			-	
Counter for rising edges on the digital input	t DIx. If the module detects a	a rising edge on the digital input, this counter is increme	ented by 1.			
After power on or a soft reset this counter i	s set always to 0.		···· ,			
With the function RESET COUNTER this c	ounter is also set to 0.					
	2	0.0.0000				1
FALL DI19	3X20182	0,0x0000			UINT16	
	4X20182	B:00 00			R/O	
	1:20181					
		0 event(s)				
Counter for falling edges on the digital input	It DIx. If the module detects	a falling edge on the digital input, this counter is increm	ented by 1.			
With the function RESET COUNTER this counter in	S SEL diways to U.					
CHANGE DI19	3x20183	0.0x0000			LIINT16	
	4x20183	B:00.00			R/O	
	1:20182	B.00 00			100	
		0 event(s)	1		+	
Counter for events on the digital input DIx	If the module detects an eve	ent on the digital input this counter is incremented by 1				
After power on or a soft reset this counter is	s set always to 0. With the fi	unction 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						
	2,20194	0.0,0000				
SHORT KETPRESS DI19	3X20184	0,00000				
	4X20184	B:00 00			R/U	
	1.20183	0				
Countar for abort kountage avents on the d	igital input Div. If the module	U event(s)	tor is incremented by 1			
After nower on or a soft reset this counter i	s set always to 0	e detects a short keypress on the digital input, this coun	ter is incremented by 1.			
With the function RESET COUNTER this c	ounter is also set to 0.					
	· ·					
LONG KEYPRESS START DI19	3x20185	0,0x0000			UINT16	
	4x20185	B:00 00			R/O	
	1:20184					
		0 event(s)			-	

Counter for start events of long keypress a After power on or a soft reset this counter i With the function RESET COUNTER this c	ctions on the digital input DIx s set always to 0. ounter is also set to 0.	. If the module detects the start of a long keypress acti	on on the digital input, this counter is increme	ented by 1.
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 ac After power on or a soft reset this counter i With the function RESET COUNTER this c	tions on the digital input DIx. s set always to 0. ounter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital input, this counter is incremer	nted by 1.
DIGITAL INPUTS: STATUS FOR D	DIGITAL INPUT DI20			
RISE DI20	3x20191 4x20191	0,0x0000 B:00 00		UINT16 R/O
	1.20130	0 = 0		
Counter for rising edges on the digital input After power on or a soft reset this counter i With the function RESET COUNTER this c	t Dix. If the module detects a set always to 0. ounter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
FALL DI20	3x20192 4x20192 I:20191	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		
Counter for falling edges on the digital inpu After power on or a soft reset this counter i With the function RESET COUNTER this c	t DIx. If the module detects a s set always to 0. ounter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.	
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. After power on or a soft reset this counter in The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	If the module detects an eve s set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. nction RESET COUNTER this counter is also set to 0.		
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 d After power on or a soft reset this counter i With the function RESET COUNTER this c	igital input DIx. If the module s set always to 0. ounter is also set to 0.	detects a short keypress on the digital input, this coun	ter is incremented by 1.	
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 keypres After power on or a soft reset this count With the function RESET COUNTER thi	s actions on the digital input DIx. er is set always to 0. s counter is also set to 0.	If the module detects the start of a long keypress act	on on the digital input, this counter is	incremented by 1.	
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 After power on or a soft reset this count With the function RESET COUNTER thi	s actions on the digital input DIx. er is set always to 0. s counter is also set to 0.	If the module detects the end of a long keypress action	n on the digital input, this counter is in	ncremented by 1.	
DIGITAL INPUTS: STATUS FOR	R DIGITAL INPUT DI21				
RISE DI21	3x20201 4x20201 I:20200	0,0x0000 B:00 00		UINT16 R/O	
		0 event(s)			
After power on or a soft reset this count With the function RESET COUNTER thi	s counter is also set to 0.		micu by 1.	UINT16	
	4x20202 I:20201	B:00 00		R/O	
		0 event(s)			
Counter for falling edges on the digital in After power on or a soft reset this count With the function RESET COUNTER thi	nput DIx. If the module detects a er is set always to 0. s counter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.		
CHANGE DI21	3x20203 4x20203 I:20202	0,0x0000 B:00 00		UINT16 R/O	
		0 event(s)			
Counter for events on the digital input D After power on or a soft reset this countr 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	Ix. If the module detects an ever er is set always to 0. With the fur	nt on the digital input, this counter is incremented by 1 action RESET COUNTER this counter is also set to 0.			
SHORT KEYPRESS DI21	3x20204 4x20204 I:20203	0,0x0000 B:00 00		UINT16 R/O	
		0 event(s)			
Counter for short keypress events on th After power on or a soft reset this count With the function RESET COUNTER thi	e digital input DIx. If the module er is set always to 0. s counter is also set to 0.	detects a short keypress on the digital input, this cour	ter is incremented by 1.	ii	

LONG KEYPRESS START DI21	3x20205	0,0x0000			UINT16	
	4x20205	B:00 00			R/O	
	1:20204					
		0 event(s)				
Counter for start events of long keypress act After power on or a soft reset this counter is With the function RESET COUNTER this co	tions on the digital input DI: set always to 0. unter is also set to 0.	x. If the module detects the start of a long keypress acti	on on the digital input, this counter is i	ncremented by 1.		
LONG KEYPRESS END DI21	3x20206	0,0×0000			UINT16	
	4x20206 I:20205	B:00 00			R/O	
		0 event(s)				
Counter for end events of long keypress acti After power on or a soft reset this counter is With the function RESET COUNTER this co	ions on the digital input DIx set always to 0. unter is also set to 0.	. If the module detects the end of a long keypress actio	n on the digital input, this counter is in	cremented by 1.		
DIGITAL INPUTS: STATUS FOR D	IGITAL INPUT DI22					
RISE DI22	3x20211 4x20211 I:20210	0,0x0000 B:00 00			UINT16 R/O	
		0 event(s)				
After power on or a soft reset this counter is With the function RESET COUNTER this co FALL DI22	set always to 0. unter is also set to 0. 3x20212 4x20212 L:20211	0,0x0000 B:00 00			UINT16 R/O	
	1.20211	0 = 0				
Counter for falling edges on the digital input After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects set always to 0. unter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.			
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 After power on or a soft reset this counter is The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	the module detects an even set always to 0. With the fu	ent on the digital input, this counter is incremented by 1. Inction RESET COUNTER this counter is also set to 0.				
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 dig After power on or a soft reset this counter is With the function RESET COUNTER this co	jital input DIx. If the module set always to 0. unter is also set to 0.	detects a short keypress on the digital input, this coun	ter is incremented b	ıy 1.	
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 act After power on or a soft reset this counter is With the function RESET COUNTER this co	tions on the digital input DIx set always to 0. unter is also set to 0.	. If the module detects the start of a long keypress acti	on on the digital inp	ut, this counter is incremented by 1.	
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 acti After power on or a soft reset this counter is With the function RESET COUNTER this co DIGITAL INPUTS: STATUS FOR D	ions on the digital input DIx. set always to 0. unter is also set to 0. IGITAL INPUT DI23	If the module detects the end of a long keypress actio	n on the digital inpu	t, this counter is incremented by 1.	
	3v20221	0.0×0000			
RISE DI25	4x20221 I:20220	B:00 00			R/O
		0 event(s)			
Counter for rising edges on the digital input After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects a set always to 0. unter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.		
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 After power on or a soft reset this counter is With the function RESET COUNTER this co	Dix. If the module detects a set always to 0. unter is also set to 0.	falling edge on the digital input, this counter is increm	ented by 1.		
CHANGE DI23	3x20223 4x20223 I:20222	0,0x0000 B:00 00			UINT16 R/O
Counter for events on the digital input DIx. If After power on or a soft reset this counter is 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	the module detects an eve set always to 0. With the fu	0 event(s) nt on the digital input, this counter is incremented by 1 nction RESET COUNTER this counter is also set to 0.			
SHORT KEYPRESS DI23	3x20224 4x20224 1:20223	0,0x0000 B:00 00			UINT16 R/O

		0 event(s)						
Counter for short keypress events on the digit After power on or a soft reset this counter is s With the function RESET COUNTER this coun	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 action After power on or a soft reset this counter is s With the function RESET COUNTER this counter	ons on the digital input DIx et always to 0. nter is also set to 0.	If the module detects the start of a long keypress actio	n on the digital inpu	ut, this counter is incremented by 1.				
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 actio After power on or a soft reset this counter is s With the function RESET COUNTER this cour	ns on the digital input DIx. et always to 0. nter is also set to 0.	If the module detects the end of a long keypress action	on the digital input	t, this counter is incremented by 1.				
DIGE DI24		0.0.0000	ſ					
RISE DI24	4x20231 l:20230	0,0x0000 B:00 00			R/O			
		0 event(s)						
Counter for rising edges on the digital input D After power on or a soft reset this counter is s With the function RESET COUNTER this coun	Ix. If the module detects a et always to 0. nter is also set to 0.	rising edge on the digital input, this counter is incremen	ted by 1.					
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 D After power on or a soft reset this counter is s With the function RESET COUNTER this cour	Ix. If the module detects a et always to 0. It always to 0. It always to 0. It also set to 0.	falling edge on the digital input, this counter is increme	nted by 1.					
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 t After power on or a soft reset this counter is s The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	he module detects an even et always to 0. With the fun	nt on the digital input, this counter is incremented by 1. Inction RESET COUNTER this counter is also set to 0.						

	3×20234	0.0,0000				
SHORT RETERESS DI24	3,20234	0,00000				
	4x20234	B:00 00			R/O	
	I:20233					
		0 event(s)				
Counter for short keypress events on the digit	al input DIx. If the module	detects a short keypress on the digital input, this coun	ter is incremented !	by 1.		
After power on or a soft reset this counter is s	et always to 0.			-)		
With the function RESET COUNTER this could	nter is also set to 0.					
LONG KEYPRESS START DI24	3x20235	0.0x0000			LIINT16	
	4x20235	B:00.00				
	1.20224	B.00 00			100	
	1.20234	0	L			
		U event(s)				
Counter for start events of long keypress action	ons on the digital input Dix	a. If the module detects the start of a long keypress acti	on on the digital inp	but, this counter is incremented by 1.		
After power on or a soft reset this counter is s	et always to 0.					
	0.00000					
LONG KEYPRESS END DI24	3x20236	0,0x0000			UINT16	
	4x20236	B:00 00			R/O	
	I:20235					
		0 event(s)				
Counter for end events of long keypress actio	ns on the digital input DIx.	If the module detects the end of a long keypress actio	n on the digital inp	ut, this counter is incremented by 1.		
After power on or a soft reset this counter is s	et always to 0.	· · · · · · · · · · · · · · · · · · ·	J	· · · · · · · · · · · · · · · · · · ·		
With the function RESET COUNTER this could	nter is álso set to 0.					
DIGITAL INPUTS: STATUS FOR DIG	GITAL INPUT DI25					
	3v202/1	0.0×0000			LUNT16	
	4x20241	D:00.00				
	4X20241	В.00 00			R/U	
	1.20240		L			
		0 event(s)				
Counter for rising edges on the digital input D	Ix. If the module detects a	rising edge on the digital input, this counter is increme	nted by 1.			
After power on or a soft reset this counter is s	et always to 0.					
With the function RESET COUNTER this could	nter is also set to 0.					
	1					
FALL DI25	3x20242	0,0x0000			UINT16	
	4x20242	B:00 00			R/O	
	I:20241					
		0 event(s)				
Counter for falling edges on the digital input D	IV If the module detects a	a falling edge on the digital input, this counter is increm	ontod hy 1		L	
After nower on or a soft reset this counter is s	α always to 0	a failing euge off the digital input, this counter is increm	Enteu by 1.			
With the function RESET COUNTER this court	nter is also set to 0					
	3v20243	0.0x0000				
CHANGE DIZO	3720243	0,00000				
	4X2U243	B:00.00			R/O	
	1:20242				<u> </u>	
		0 event(s)			1	

Counter for events on the digital input DIx. If After power on or a soft reset this counter is The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	the module detects an eve set always to 0. With the fu	nt on the digital input, this counter is incremented by 1 nction RESET COUNTER this counter is also set to 0.		
SHORT KEYPRESS DI25	3x20244	0,0x0000		UINT16
	4x20244	B:00 00		R/O
	1:20243			
	<u> </u>	0 event(s)		
After power on or a soft reset this counter is With the function RESET COUNTER this co	set always to 0. unter is also set to 0.	detects a short keypress on the digital input, this coun	ter is incremented by 1.	
LONG KEYPRESS START DI25	3x20245	0,0x0000		UINT16
	4x20245	B:00 00		R/O
	I:20244			
		0 event(s)		
Counter for start events of long keypress ac After power on or a soft reset this counter is With the function RESET COUNTER this co	tions on the digital input DIx set always to 0. unter is also set to 0.	. If the module detects the start of a long keypress acti	on on the digital input, this counter is incre	emented by 1.
LONG KEYPRESS END DI25	3x20246	0,0x0000		UINT16
	4x20246	B:00 00		R/O
	I:20245			
		0 event(s)		
Counter for end events of long keypress act After power on or a soft reset this counter is With the function RESET COUNTER this co	ions on the digital input DIx. set always to 0. unter is also set to 0.	If the module detects the end of a long keypress action	n on the digital input, this counter is increr	nented by 1.
DIGITAL INPUTS: STATUS FOR D	IGITAL INPUT DI26			
RISE DI26	3x20251	0,0x0000		UINT16
	4x20251	B:00 00		R/O
	1:20250			
		0 event(s)		
After power on or a soft reset this counter is With the function RESET COUNTER this co	DIX. If the module detects a set always to 0. unter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
FALL DI26	3x20252	0,0x0000		UINT16
	4x20252	B:00 00		R/O
	I:20251			
		0 event(s)		
Counter for falling edges on the digital input After power on or a soft reset this counter is With the function RESET COUNTER this co	Dix. If the module detects a set always to 0. unter is also set to 0.	a falling edge on the digital input, this counter is increm	ented by 1.	
CHANGE DI26	3x20253	0.0x0000		LIINT16
	4x20253	B:00.00		R/O
	1:20252			
	1		I	I I

		0 event(s)			
Counter for events on the digital input DIx. I After power on or a soft reset this counter is 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	f the module detects an even set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. Inction RESET COUNTER this counter is also set to 0.			
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 di After power on or a soft reset this counter is With the function RESET COUNTER this co	gital input DIx. If the module set always to 0. ounter is also set to 0.	e detects a short keypress on the digital input, this count	er is incremented by 1.		
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 ac After power on or a soft reset this counter is With the function RESET COUNTER this co	tions on the digital input DI set always to 0. Junter is also set to 0.	k. If the module detects the start of a long keypress action	on on the digital input, this counter is incremented by 1.		
LONG KEYPRESS END DI26	3x20256 4x20256 I:20255	0,0x0000 B:00 00		UINT16 R/O	
		0 event(s)			
After power on or a soft reset this counter is With the function RESET COUNTER this co	ions on the digital input Dix set always to 0. ounter is also set to 0.	. If the module detects the end of a long keypress action	n on the digital input, this counter is incremented by 1.		
DIGITAL INPUTS: STATUS FOR D	IGITAL 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 After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects a set always to 0. Dunter is also set to 0.	a rising edge on the digital input, this counter is increme	nted by 1.		
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 After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects a set always to 0. During also set to 0.	a falling edge on the digital input, this counter is increme	ented by 1.		

CHANGE DI27	3x20263 4x20263	0,0x0000 B:00 00		UINT16 R/O
	1.20202	0 event(s)		
Counter for events on the digital input DIx After power on or a soft reset this counter The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	. If the module detects an eve is set always to 0. With the fu	ent on the digital input, this counter is incremented by 1 unction RESET COUNTER this counter is also set to 0.		
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 After power on or a soft reset this counter With the function RESET COUNTER this	digital input DIx. If the module is set always to 0. counter is also set to 0.	e detects a short keypress on the digital input, this cour	ter is incremented by 1.	
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 After power on or a soft reset this counter With the function RESET COUNTER this	actions on the digital input Di is set always to 0. counter is also set to 0.	x. If the module detects the start of a long keypress act	on on the digital input, this counter is increme.	nted by 1.
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 a After power on or a soft reset this counter With the function RESET COUNTER this	actions on the digital input DIx is set always to 0. counter is also set to 0.	c. If the module detects the end of a long keypress action and a long keypress action	in on the digital input, this counter is incremen	ted by 1.
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 inp After power on or a soft reset this counter With the function RESET COUNTER this	ut DIx. If the module detects a is set always to 0. counter is also set to 0.	a rising edge on the digital input, this counter is increme	nted by 1.	· · · ·
FALL DI28	3x20272 4x20272 I:20271	0,0x0000 B:00 00		UINT16 R/O
		0 event(s)		

Counter for falling edges on the digital inpu After power on or a soft reset this counter is With the function RESET COUNTER this co	It DIx. If the module detects a s set always to 0. ounter is also set to 0.	falling edge on the digital input, this counter is increme	ented by 1.	
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. After power on or a soft reset this counter is The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	If the module detects an eve s set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. nction RESET COUNTER this counter is also set to 0.		
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 d After power on or a soft reset this counter is With the function RESET COUNTER this c	igital input DIx. If the module s set always to 0. ounter is also set to 0.	detects a short keypress on the digital input, this coun	er is incremented by 1.	
LONG KEYPRESS START DI28	3x20275 4x20275 I:20274	0,0x0000 B:00 00		UINT16 R/O
Counter for start events of long keypress a After power on or a soft reset this counter is With the function RESET COUNTER this c	L ctions on the digital input DIx s set always to 0. ounter is also set to 0.	. If the module detects the start of a long keypress action	on on the digital input, this counter is incremented	d by 1.
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 ac After power on or a soft reset this counter is With the function RESET COUNTER this co	tions on the digital input DIx. s set always to 0. ounter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital input, this counter is incremented	by 1.
DIGITAL INPUTS: STATUS FOR D	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 After power on or a soft reset this counter is With the function RESET COUNTER this c	t Dix. If the module detects a s set always to 0. ounter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	
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 I After power on or a soft reset this counter is s With the function RESET COUNTER this cou	DIx. If the module detects a set always to 0. Inter is also set to 0.	falling edge on the digital input, this counter is increme	ented by 1.	
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 following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	the module detects an event set always to 0. With the fu	nt on the digital input, this counter is incremented by 1. nction RESET COUNTER this counter is also set to 0.		
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 digi After power on or a soft reset this counter is s With the function RESET COUNTER this cou	tal input DIx. If the module set always to 0. Inter is also set to 0.	detects a short keypress on the digital input, this coun	er is incremented by 1.	
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 acti After power on or a soft reset this counter is s With the function RESET COUNTER this cou	ons on the digital input DIx set always to 0. Inter is also set to 0.	. If the module detects the start of a long keypress active	on on the digital input, this counter is incremented	J by 1.
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 action After power on or a soft reset this counter is s With the function RESET COUNTER this court	ons on the digital input DIx. set always to 0. Inter is also set to 0.	If the module detects the end of a long keypress action	n on the digital input, this counter is incremented	by 1.
DIGITAL INPUTS: STATUS FOR DI	GITAL 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 D After power on or a soft reset this counter is s With the function RESET COUNTER this cou	Dix. If the module detects a set always to 0. Inter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.	

FALL DI30	3x20292	0.0x0000			UINT16	
	4x20292	B:00 00			R/O	
	I:20291					
		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 increm	ented by 1.		1	
After power on or a soft reset this counter is	set always to 0.					
With the function RESET COUNTER this co	ounter is also set to 0.					
	000000	0.0.0000				1
CHANGE DI30	3X2U293	0,0x0000			UINT16	
	4X20293	B:00 00			R/O	
	1.20292	0 avant(a)				
Counter for events on the digital input Div.	f the module detects an eve	U evenu(s)				
After nower on or a soft reset this counter is	set always to 0 With the fu	inction RESET COUNTER this counter is also set to 0				
The following events are available:	socialiways to 0. with the h					
Detecion of a short keypress						
Detection of the start of a long keypress						
Detection of the end of a long keypress						
					1	
SHORT KEYPRESS DI30	3x20294	0,0x0000			UINT16	
	4x20294	B:00 00			R/O	
	1:20293					
		0 event(s)				
Counter for short keypress events on the di	gital input DIx. If the module	e detects a short keypress on the digital input, this coun	ter is incremented b	ıy 1.		
With the function RESET COUNTER this co	Set always to U.					
LONG KEYPRESS START DI30	3x20295	0.0x0000			LIINT16	
	4x20295	B:00.00			R/O	
	1:20294	B.00 00			100	
		0 event(s)				
Counter for start events of long keypress ac	tions on the digital input Db	x. If the module detects the start of a long keypress acti	on on the digital inp	ut, this counter is incremented by 1.		
After power on or a soft reset this counter is	s set always to 0.		on on the digital hip			
With the function RESET COUNTER this co	ounter is also set to 0.					
				1		
LONG KEYPRESS END DI30	3x20296	0,0x0000			UINT16	
	4x20296	B:00 00			R/O	
	1:20295					
		0 event(s)				
Counter for end events of long keypress act	tions on the digital input DIx	a. If the module detects the end of a long keypress action	n on the digital inpu	t, this counter is incremented by 1.		
After power on or a soft reset this counter is With the function PESET COUNTED this or	Set always to U.					
DIGITAL INPUTS: STATUS FOR D						
RISE DI31	3x20301	0.0χ0000			LIINT16	
	4x20301	B:00.00			R/O	
	1:20300	5.00 00				
		0 event(s)				

Counter for rising edges on the digital input After power on or a soft reset this counter is With the function RESET COUNTER this co	DIx. If the module detects a set always to 0. Dunter is also set to 0.	rising edge on the digital input, this counter is increme	nted by 1.		
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 After power on or a soft reset this counter is With the function RESET COUNTER this co	Dix. If the module detects a set always to 0. Diversify a set of the set of t	a falling edge on the digital input, this counter is increm	ented by 1.		
CHANGE DI31	3x20303 4x20303 I:20302	0,0x0000 B:00 00			UINT16 R/O
		0 event(s)			
After power on or a soft reset this counter is The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	set always to 0. With the fu	nction RESET COUNTER this counter is also set to 0.			
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 dia After power on or a soft reset this counter is With the function RESET COUNTER this co	gital input DIx. If the module set always to 0. punter is also set to 0.	detects a short keypress on the digital input, this coun	er is incremented l	oy 1.	
LONG KEYPRESS START DI31	3x20305 4x20305 I:20304	0,0x0000 B:00 00			UINT16 R/O
		0 event(s)			
After power on or a soft reset this counter is With the function RESET COUNTER this co	tions on the digital input Dix set always to 0. ounter is also set to 0.	. If the module detects the start of a long keypress acti	on on the digital inf	but, this counter is incremented by 1.	
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 act After power on or a soft reset this counter is With the function RESET COUNTER this co	ions on the digital input DIx. set always to 0. ounter is also set to 0.	If the module detects the end of a long keypress actio	n on the digital inpu	ut, this counter is incremented by 1.	
DIGITAL INPUTS: STATUS FOR D	IGITAL 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)	at a d bu 4			
After power on or a soft reset this counter is s With the function RESET COUNTER this court	Dix. If the module detects a et always to 0. nter is also set to 0.	I failing edge on the digital input, this counter is increme	nted by 1.			
CHANGE DI32	3x20313 4x20313 I:20312	3,0x0003 B:00 03			UINT16 R/O	
Counter for events on the divital input Div. If t		3 event(s)				
After power on or a soft reset this counter is s The following events are available: Detection of a short keypress Detection of the start of a long keypress Detection of the end of a long keypress	et always to 0. With the fu	nction RESET COUNTER this counter is also set to 0.				
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 digit After power on or a soft reset this counter is s With the function RESET COUNTER this cour	al input DIx. If the module et always to 0. nter is also set to 0.	detects a short keypress on the digital input, this count	er is incremented by	y 1.		
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 action After power on or a soft reset this counter is s With the function RESET COUNTER this counter	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)				
Sounter 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	#GDIS <cr></cr>	ASCII	
	READ	Result:		
	COMMAND	#GDIS: <disdec>,<dishex><cr></cr></dishex></disdec>		
	ТХ	#GDIS <cr></cr>		
	RX	#255,GDIS:0,0x0 <cr></cr>		
		Current status of digital inputs:0000.0000.0000.0000.0000.0000.0000		
Returns the current state of all 32 digital in 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)	puts as decimal number	and as hexadecimal number.		
 Bit 31: State of DI32 (=0:OFE =1:ON)				
GET DIGITAL INPUT DIX	ASCII READ	#GDI <dinr><cr> Result:</cr></dinr>	ASCII	
	COMMAND	#GDI <dinr>:<dixdec>,<dixhex><cr></cr></dixhex></dixdec></dinr>		
	DINR	32		
	ТХ	#GDI32 <cr></cr>		
	RX	#255,GDI32:0,0x0 <cr></cr>		
		Current status of digital input DI32:0=OFF		
=1: Digital input is ON GET ALL CHANGES	ASCII READ COMMAND	#GAC <cr> Result: #GAC:<changesdec> <changeshev><cr></cr></changeshev></changesdec></cr>	ASCII	
	TX	#GAC <cr></cr>		
	RX	#255 GAC'2 0x2 <cr></cr>		
		Current change counter:2		
Returns the counter for changes on all dig As soon as the module detects a short key If this values has changed sience the last	ital inputs. /press or long key press polling request, the host	or long key release event, this counter is incremented by 1. knows, that at least one digital input has changed its state.		1
CHANGE ALL DIS	READ COMMAND	#CADIS <cr> Result: #CADIS:<changedi1dec>,,<changedi32dec>,<changedi1hex>,,<changedi32hex><cr></cr></changedi32hex></changedi1hex></changedi32dec></changedi1dec></cr>	ASCII	
	ТХ	#CADIS <cr></cr>		
	RX	#255,CADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,		
		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 ch 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	hanges. As soon as the r	nodule detects a signal change on a digital input, the change counter for the affected digital input is incremented by 1.		
CHANGE DIX	ASCII	#CDI <dinr><cr></cr></dinr>	ASCII	
	READ	Result:		
	COMMAND	#CDI <dinr>:<changesdec>,<changeshex><cr></cr></changeshex></changesdec></dinr>		
	DINR	32		
	тх	#CDI32 <cr></cr>		
	RX	#255,CDI32:2,0x2 <cr></cr>		
	<u> </u>	Current counter for changes on digital input DI32:2		
Returns for digital input <dinr> the counter to 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</dinr>	or signal changes. As soc	in as the module detects a signal change on a digital input, the change counter for the affected digital input is incremented by 1.		

SHORT KEY ALL DIS	ASCII READ	#SKADIS <cr> Result:</cr>	ASCII
	COMMAND	#SKADIS: <shortkeydi1dec>,,<shortkeydi32dec>, <shortkeydi1hex><shortkeydi32hex><cr></cr></shortkeydi32hex></shortkeydi1hex></shortkeydi32dec></shortkeydi1dec>	
	ТХ	#SKADIS <cr></cr>	
	RX	#255,SKADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	
		,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x	
		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 cou	inter 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	#SKDI <dinr><cr></cr></dinr>	ASCII
	READ COMMAND	Result: #SKDI <dinr>:<shortkeydec>.<shortkeyhex><cr></cr></shortkeyhex></shortkeydec></dinr>	

DINR		32		
	ТХ	#SKDI32 <cr></cr>		
	RX	#255,SKDI32:0,0x0 <cr></cr>		
		Current counter for short keypress events on digital input DI32:0		
Returns for digital input <dinr> the counter</dinr>	r 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	#LKSADIS <cr></cr>	ASCII	
		Kesuli:		
	COMINAND	#LKSADIS. <luiigkeystaltdi1dec>,,<luiigkeystaltdi32dec>,</luiigkeystaltdi32dec></luiigkeystaltdi1dec>		
	тх			
	RX	#255 LK SADIS'0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
		0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0		
		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	er for long keypress start eve	ents. 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	ed by 1.	
LONG KEY START DIX	ASCII	#LKSDI <dinr><cr></cr></dinr>	ASCII	
	READ	Result:		
	COMMAND	#LKSDI <dinr>:<longkeystartdec>,<longkeystarthex><cr></cr></longkeystarthex></longkeystartdec></dinr>		
	DINR	32		
	ТХ	#LKSDI32 <cr></cr>		
	RX	#255,LKSDI32:1,0x1 <cr></cr>		
		Current counter for long keypress start events on digital input DI32:1		
Returns for digital input <dinr> the cou</dinr>	unter 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 increme	ented by 1.	
LONG KEY END ALL DIS	ASCII	#LKEADIS <cr></cr>	ASCII	
	READ	Result:		
	COMMAND	#LKEADIS: <longkeyenddi1dec>,,<longkeyenddi32dec>,</longkeyenddi32dec></longkeyenddi1dec>		
		<longkeyenddl1hex>,,<longkeyenddl32hex><cr></cr></longkeyenddl32hex></longkeyenddl1hex>		
		#LKEADIS <cr></cr>		
	RX	#255,LKEADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,		
		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	1	
		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 co	unter for long keypress end eve	ents. 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	J by 1.	-
LONG KEY END DIX	ASCII	#LKEDI <dinr><cr></cr></dinr>	ASCII	
	READ	Result:	1	
	COMMAND	#LKEDI <dinr>:<longkeyenddec>,<longkeyendhex><cr></cr></longkeyendhex></longkeyenddec></dinr>	<u> </u>	
	DINR	32		
	ТХ	#LKEDI32 <cr></cr>		
	RX	#255,LKEDI32:1,0x1 <cr></cr>	L	
		Current counter for long keypress end events on digital input DI32:1	L	
Returns for digital input <dinr> the</dinr>	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 increment	nted by 1.	
RISE ALL DIS	ASCII	#RADIS <cr></cr>	ASCII	
	READ	Result:	1	
	COMMAND	#RADIS: <risedi1dec>,,<risedi32dec>,<risedi1hex>,,<risedi32hex><cr></cr></risedi32hex></risedi1hex></risedi32dec></risedi1dec>		
		#RADIS <cr></cr>		
	RX	#255,RADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,		
		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	<u> </u>	
		Current counter for rising edges on DI16:0	I	
		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 a	as the module detects a rising edge on a digital input, the rising edge counter for the affected digital input is incremented by 1.	1	
RISE DIX	ASCII	#RDI <dinr><cr></cr></dinr>	ASCII	
	READ	Result:	710011	
	COMMAND	#RDI <dinr>:<risedec>,<risehex><cr></cr></risehex></risedec></dinr>		
	DINR	32		
	ТХ	#RDI32 <cr></cr>		
	RX	#255,RDI32:1,0x1 <cr></cr>		
		Current counter for rising edges on digital input DI32:1		
Returns for digital input <dinr> the coun</dinr>	ter for rising edges. As soc	on as the module detects a rising edge on a digital input, the rising edge counter for the affected digital input is incremented by 1.	ł	
FALL ALL DIS	ASCII	#FADIS <cr></cr>	ASCII	
	READ	Result:		
	COMMAND	#FADIS: <falldi1dec>,,<falldi32dec>,<falldi1hex>,,<falldi32hex><cr></cr></falldi32hex></falldi1hex></falldi32dec></falldi1dec>		
	ТХ	#FADIS <cr></cr>		
	RX	#255,FADIS:0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,		
		x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,		
		1 <cr></cr>		
		Current counter for falling edges on DI1:0		
		Current counter for failing edges on DI2:0		
		Current counter for falling edges on DI2:0 Current counter for falling edges on DI3:0		
		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 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 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 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 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 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 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 DI9:0		
		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 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 DI2:0 Current counter for falling edges on DI3:0 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 DI12:0		
		Current counter for falling edges on DI2:0 Current counter for falling edges on DI3:0 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 DI12:0 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 DI2:0 Current counter for falling edges on DI3:0 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 DI12:0 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 DI2:0 Current counter for falling edges on DI3:0 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 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 DI15:0		
		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 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 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 cou	unter 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	#FDI <dinr><cr></cr></dinr>	ASCII	
	READ	Result:		
	COMMAND	#FDI <dinr>:<falldec>,<fallhex><cr></cr></fallhex></falldec></dinr>		
	DINR	32		
	ТХ	#FDI32 <cr></cr>		
	RX	#255,FDI32:1,0x1 <cr></cr>		
		Current counter for falling edges on digital input DI32:1		
Returns for digital input <dinr> the</dinr>	counter for falling edges. As so	oon 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	#RC <cr></cr>	ASCII	NO
	WRITE	Result:		
	COMMAND	#OK <cr></cr>		
	ТХ	#RC <cr></cr>		
	RX	N/A		
Resets all internal counters for digita	al inputs and events on this digi	tal inputs to 0.		