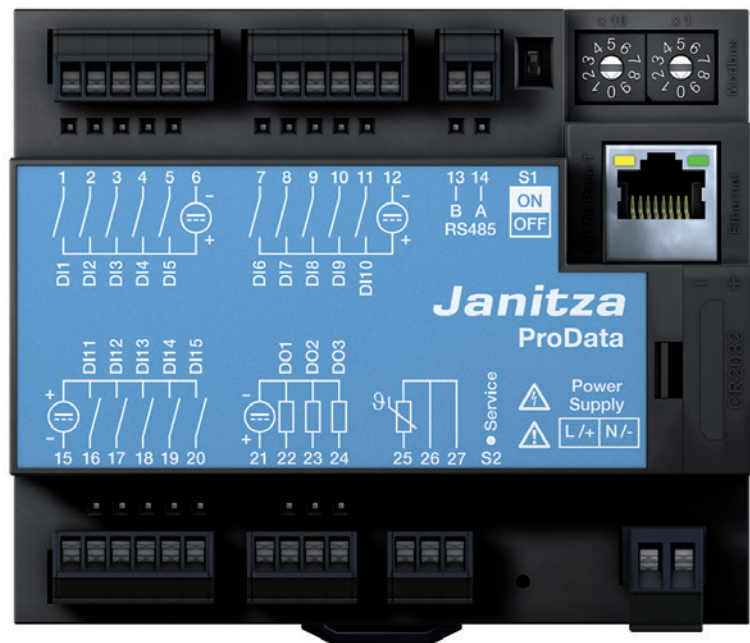


# Datenlogger ProData 2

## Modbus-Adressenliste



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www.janitza.de

Janitza electronics GmbH  
Vor dem Polstück 1  
D-35633 Lahnau  
Support Tel. (0 64 41) 9642-22  
Fax (0 64 41) 9642-30  
e-mail: info@janitza.de  
Internet: <http://www.janitza.de>

**Janitza®**

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# Modbus

## Protokoll-Umsetzer

Das ProData 2 unterstützt die Protokoll-Umsetzung Ethernet-Modbus TCP auf Modbus RTU

## Modbus-Funktionen (Slave)

Das ProData 2 unterstützt als Slave folgende Modbus-Funktionen:

### 03 Read Holding Registers

Reads the binary contents of holding registers (4X references) in the slave.

### 04 Read Input Registers

Reads the binary contents of input registers (3X references) in the slave.

### 06 Preset Single Register

Presets a value into a single holding register (4X reference). When broadcast, the function presets the same register reference in all attached slaves.

### 16 (10Hex) Preset Multiple Registers

Presets values into a sequence of holding registers (4X references). When broadcast, the function presets the same register references in all attached slaves.

### 23 (17Hex) Read/Write 4X Registers

Performs a combination of one read and one write operation in a single Modbus transaction. The function can write new contents to a group of 4XXX registers, and then return the contents of another group of 4XXX registers. Broadcast is not supported.

## RS485 Übertragungsparameter

Das ProData 2 unterstützt folgende Übertragungsparameter:

Baudrate	: 9600, 19200, 38400, 57600 und 11500 Baud
Datenbits	: 8
Parität	: keine
Stopbits (ProData 2)	: 2
Stopbits extern	: 1 oder 2

## Byte-Reihenfolge

Die Daten in der Modbus-Adressenliste können im Format

- Big-Endian (High-Byte vor Low-Byte) und im Format
- Little-Endian (Low-Byte vor High-Byte)

abgerufen werden.

Die in dieser Adressenliste beschriebenen Adressen liefern die Daten im Format „Big-Endian“ zurück.

Wenn Sie Daten im Format „Little-Endian“ benötigen, müssen Sie zur Adresse den Wert 32768 addieren.

## Aktualisierungsrate

Die Modbus-Registeradressen werden alle 200ms aktualisiert.

## Zahlenformate

Typ	Größe	Minimum	Maximum
char	8 bit	0	255
byte	8 bit	-128	127
short	16 bit	$-2^{15}$	$2^{15} - 1$
ushort	16 bit	0	$2^{16} - 1$
int	32 bit	$-2^{31}$	$2^{31} - 1$
uint	32 bit	0	$2^{32} - 1$
long64	64 bit	$-2^{63}$	$2^{63} - 1$
float	32 bit	IEEE 754	IEEE 754
double	64 bit	IEEE 754	IEEE 754

# Parameter

Adresse	Format	RD/WR	Einheit	Bemerkung	Einstellbereich	Voreinstellung
0	INT			Time in UTC		
2	SHORT	RD/WR	kbps	Baudrate 0=9.6, 1=19.2, 2=38.4, 3=57.6, 4=115.2 kbps	0..7	4
3	SHORT	RD/WR	-	Master/Slave: 0=Slave, 1=Master	0, 1	0
4	SHORT	RD/WR	-	Stopbits: 0=1Bit, 1=2Bits	0, 1	0
5	UINT	RD/WR	-	IP Device address	0..(2 <sup>32</sup> - 1)	
7	UINT	RD/WR	-	IP Gateway address	0..(2 <sup>32</sup> - 1)	
9	UINT	RD/WR	-	Netmask	0..(2 <sup>32</sup> - 1)	
11	SHORT	RD/WR	-	DHCP mode: 0=Fixed IP, 1=BootP, 2=DHCP, 3=Fixed IP with ARP-Probe and Gratuitous-ARP 4=BootP with ARP-Probe and Gratuitous-ARP 5=DHCP with ARP-Probe and Gratuitous-ARP"	0..5	0
12	SHORT	RD	-	Boot release	-	
13	SHORT	RD/WR	-	NTP-Modus: 0=off, 1=listen, 2=active	0..2	0
14	UINT	RD/WR	-	NTP Server address	0..(2 <sup>32</sup> - 1)	
100	UINT	RD	-	Serial number	-	
116	SHORT	RD/WR	-	Reset Counter	0..32767	
117	SHORT	RD/WR	-	Reset Energy	0..32768	
121	SHORT	RD/WR	-	Digital output 1 inverter, 0=disable, 1=active	0, 1	0
122	SHORT	RD/WR	-	Digital output 2 inverter, 0=disable, 1=active	0, 1	0
123	SHORT	RD/WR	-	Digital output 3 inverter, 0=disable, 1=active	0, 1	0
124	SHORT	RD/WR	-	Digital output 1: Output for temperature control, 0=disable, 1=active	0, 1	0
125	FLOAT	RD/WR	°C	Temperature offset	-50..50	
157	SHORT	RD		Software release	-	
200	STRING	RD/WR	-	Digital input 1 value name	GridVis	
216	STRING	RD/WR	-	Digital input 2 value name	GridVis	
232	STRING	RD/WR	-	Digital input 3 value name	GridVis	
248	STRING	RD/WR	-	Digital input 4 value name	GridVis	
264	STRING	RD/WR	-	Digital input 5 value name	GridVis	
280	STRING	RD/WR	-	Digital input 6 value name	GridVis	
296	STRING	RD/WR	-	Digital input 7 value name	GridVis	
312	STRING	RD/WR	-	Digital input 8 value name	GridVis	
328	STRING	RD/WR	-	Digital input 9 value name	GridVis	
344	STRING	RD/WR	-	Digital input 10 value name	GridVis	
360	STRING	RD/WR	-	Digital input 11 value name	GridVis	
376	STRING	RD/WR	-	Digital input 12 value name	GridVis	
392	STRING	RD/WR	-	Digital input 13 value name	GridVis	
408	STRING	RD/WR	-	Digital input 14 value name	GridVis	
424	STRING	RD/WR	-	Digital input 15 value name	GridVis	
440	STRING	RD/WR	-	Digital input 1 value unit	GridVis	
456	STRING	RD/WR	-	Digital input 2 value unit	GridVis	
472	STRING	RD/WR	-	Digital input 3 value unit	GridVis	
488	STRING	RD/WR	-	Digital input 4 value unit	GridVis	
504	STRING	RD/WR	-	Digital input 5 value unit	GridVis	
520	STRING	RD/WR	-	Digital input 6 value unit	GridVis	
536	STRING	RD/WR	-	Digital input 7 value unit	GridVis	
552	STRING	RD/WR	-	Digital input 8 value unit	GridVis	
568	STRING	RD/WR	-	Digital input 9 value unit	GridVis	
584	STRING	RD/WR	-	Digital input 10 value unit	GridVis	
600	STRING	RD/WR	-	Digital input 11 value unit	GridVis	

Adresse	Format	RD/WR	Einheit	Bemerkung	Einstellbereich	Voreinstellung
616	STRING	RD/WR	-	Digital input 12 value unit	GridVis	
632	STRING	RD/WR	-	Digital input 13 value unit	GridVis	
648	STRING	RD/WR	-	Digital input 14 value unit	GridVis	
664	STRING	RD/WR	-	Digital input 15 value unit	GridVis	
700	STRING	RD/WR	-	Digital input 1 value description	GridVis	
732	STRING	RD/WR	-	Digital input 2 value description	GridVis	
764	STRING	RD/WR	-	Digital input 3 value description	GridVis	
796	STRING	RD/WR	-	Digital input 4 value description	GridVis	
828	STRING	RD/WR	-	Digital input 5 value description	GridVis	
860	STRING	RD/WR	-	Digital input 6 value description	GridVis	
892	STRING	RD/WR	-	Digital input 7 value description	GridVis	
924	STRING	RD/WR	-	Digital input 8 value description	GridVis	
956	STRING	RD/WR	-	Digital input 9 value description	GridVis	
988	STRING	RD/WR	-	Digital input 10 value description	GridVis	
1020	STRING	RD/WR	-	Digital input 11 value description	GridVis	
1052	STRING	RD/WR	-	Digital input 12 value description	GridVis	
1084	STRING	RD/WR	-	Digital input 13 value description	GridVis	
1116	STRING	RD/WR	-	Digital input 14 value description	GridVis	
1148	STRING	RD/WR	-	Digital input 15 value description	GridVis	
1700	SHORT	RD/WR	-	Tariff 1 for digital input, 0=disable, 1=active	0, 1	0
1701	SHORT	RD/WR	-	Tariff 2 for digital input, 0=disable, 1=active	0, 1	0
1702	SHORT	RD/WR	-	Tariff 3 for digital input, 0=disable, 1=active	0, 1	0
1703	SHORT	RD/WR	-	Tariff 4 for digital input, 0=disable, 1=active	0, 1	0
1704	SHORT	RD/WR	-	Tariff 5 for digital input, 0=disable, 1=active	0, 1	0
1705	SHORT	RD/WR	-	Tariff 6 for digital input, 0=disable, 1=active	0, 1	0
1706	SHORT	RD/WR	-	Tariff 7 for digital input, 0=disable, 1=active	0, 1	0
1707	SHORT	RD/WR	-	Tariff 8 for digital input, 0=disable, 1=active	0, 1	0
1708	SHORT	RD/WR	-	Digital output 1: Polarity, 0=current flow if active (NOC), 1=current flow if not active (NCC)	0, 1	0
1709	SHORT	RD/WR	-	Digital output 2: Polarity, 0=current flow if active (NOC), 1=current flow if not active (NCC)	0, 1	0
1710	SHORT	RD/WR	-	Digital output 3: Polarity, 0=current flow if active (NOC), 1=current flow if not active (NCC)	0, 1	0
1712	STRING	RD/WR	64	Device name (factory settings: Typ + serial number)		
1744	STRING	RD/WR	256	Device description		
1872	FLOAT	RD/WR	-	Digital input 1: Scale factor	0..1000000000.0	
1874	FLOAT	RD/WR	-	Digital input 2: Scale factor	0..1000000000.0	
1876	FLOAT	RD/WR	-	Digital input 3: Scale factor	0..1000000000.0	
1878	FLOAT	RD/WR	-	Digital input 4: Scale factor	0..1000000000.0	
1880	FLOAT	RD/WR	-	Digital input 5: Scale factor	0..1000000000.0	
1882	FLOAT	RD/WR	-	Digital input 6: Scale factor	0..1000000000.0	
1884	FLOAT	RD/WR	-	Digital input 7: Scale factor	0..1000000000.0	
1886	FLOAT	RD/WR	-	Digital input 8: Scale factor	0..1000000000.0	
1888	FLOAT	RD/WR	-	Digital input 9: Scale factor	0..1000000000.0	
1890	FLOAT	RD/WR	-	Digital input 10: Scale factor	0..1000000000.0	
1892	FLOAT	RD/WR	-	Digital input 11: Scale factor	0..1000000000.0	
1894	FLOAT	RD/WR	-	Digital input 12: Scale factor	0..1000000000.0	
1896	FLOAT	RD/WR	-	Digital input 13: Scale factor	0..1000000000.0	
1898	FLOAT	RD/WR	-	Digital input 14: Scale factor	0..1000000000.0	
1900	FLOAT	RD/WR	-	Digital input 15: Scale factor	0..1000000000.0	

Adresse	Format	RD/WR	Einheit	Bemerkung	Einstellbereich	Voreinstellung
1902	FLOAT	RD/WR	°C	Temperature input: Threshold temperature	-1..500.0	
1904	FLOAT	RD/WR	°C	Temperature input: Hysteresis	0..500.0	
1906	INT	RD/WR	-	Temperature sensor: 0=PT100, 1=PT1000, 2=KTY83, 3=KTY84	0..3	
1908	SHORT	RD/WR	sec	Temperature input: Minimum exceeding time	0..3600.0	
1909	SHORT	RD/WR	sec	Temperature input: Minimum run time	0..3600.0	
1910	SHORT	RD/WR	sec	Averaging interval for digital input 1: Time interval for calculate digital inputs count frequency	60..3600.0	
1911	SHORT	RD/WR	sec	Averaging interval for digital input 2: Time interval for calculate digital inputs count frequency	60..3600.0	
1912	SHORT	RD/WR	sec	Averaging interval for digital input 3: Time interval for calculate digital inputs count frequency	60..3600.0	
1913	SHORT	RD/WR	sec	Averaging interval for digital input 4: Time interval for calculate digital inputs count frequency	60..3600.0	
1914	SHORT	RD/WR	sec	Averaging interval for digital input 5: Time interval for calculate digital inputs count frequency	60..3600.0	
1915	SHORT	RD/WR	sec	Averaging interval for digital input 6: Time interval for calculate digital inputs count frequency	60..3600.0	
1916	SHORT	RD/WR	sec	Averaging interval for digital input 7: Time interval for calculate digital inputs count frequency	60..3600.0	
1917	SHORT	RD/WR	sec	Averaging interval for digital input 8: Time interval for calculate digital inputs count frequency	60..3600.0	
1918	SHORT	RD/WR	sec	Averaging interval for digital input 9: Time interval for calculate digital inputs count frequency	60..3600.0	
1919	SHORT	RD/WR	sec	Averaging interval for digital input 10: Time interval for calculate digital inputs count frequency	60..3600.0	
1920	SHORT	RD/WR	sec	Averaging interval for digital input 11: Time interval for calculate digital inputs count frequency	60..3600.0	
1921	SHORT	RD/WR	sec	Averaging interval for digital input 12: Time interval for calculate digital inputs count frequency	60..3600.0	
1922	SHORT	RD/WR	sec	Averaging interval for digital input 13: Time interval for calculate digital inputs count frequency	60..3600.0	
1923	SHORT	RD/WR	sec	Averaging interval for digital input 14: Time interval for calculate digital inputs count frequency	60..3600.0	
1924	SHORT	RD/WR	sec	Averaging interval for digital input 15: Time interval for calculate digital inputs count frequency	60..3600.0	
1925	SHORT	RD/WR	-	Start daylight saving time: Day	0..30	
1926	SHORT	RD/WR	-	Start daylight saving time: Hour	0..22	
1927	SHORT	RD/WR	-	Start daylight saving time: Month	0..11	
1928	SHORT	RD/WR	-	Start daylight saving time: Minute	0..58	
1929	SHORT	RD/WR	-	Start daylight saving time: Day of week (0=Su..6=Sa)	0..6	
1930	SHORT	RD/WR	-	End daylight saving time: Day	0..30	
1931	SHORT	RD/WR	-	End daylight saving time: Hour	0..22	
1932	SHORT	RD/WR	-	End daylight saving time: Month	0..11	
1933	SHORT	RD/WR	-	End daylight saving time: Minute	0..58	



Adresse	Format	RD/WR	Einheit	Bemerkung	Einstellbereich	Voreinstellung
1934	SHORT	RD/WR	-	End daylight saving time: Day of week (0=Su..6=Sa)	0..6	
1935	INT	RD/WR	sec	Standard Time offset	0..3600	
1937	INT	RD/WR	sec	Daylight saving time offset	0..86400	
1940	SHORT	RD/WR		Digital input 1: Tariff selection	0..255	
1941	SHORT	RD/WR		Digital input 2: Tariff selection	0..255	
1942	SHORT	RD/WR		Digital input 3: Tariff selection	0..255	
1943	SHORT	RD/WR		Digital input 4: Tariff selection	0..255	
1944	SHORT	RD/WR		Digital input 5: Tariff selection	0..255	
1945	SHORT	RD/WR		Digital input 6: Tariff selection	0..255	
1946	SHORT	RD/WR		Digital input 7: Tariff selection	0..255	
1947	SHORT	RD/WR		Digital input 8: Tariff selection	0..255	
1948	SHORT	RD/WR		Digital input 9: Tariff selection	0..255	
1949	SHORT	RD/WR		Digital input 10: Tariff selection	0..255	
1950	SHORT	RD/WR		Digital input 11: Tariff selection	0..255	
1951	SHORT	RD/WR		Digital input 12: Tariff selection	0..255	
1952	SHORT	RD/WR		Digital input 13: Tariff selection	0..255	
1953	SHORT	RD/WR		Digital input 14: Tariff selection	0..255	
1954	SHORT	RD/WR		Digital input 15: Tariff selection	0..255	
1955	USHORT	RD/WR		Digital Input 1: Input number	0..65535	
1956	USHORT	RD/WR		Digital Input 2: Input number	0..65535	
1957	USHORT	RD/WR		Digital Input 3: Input number	0..65535	
1958	USHORT	RD/WR		Digital Input 4: Input number	0..65535	
1959	USHORT	RD/WR		Digital Input 5: Input number	0..65535	
1960	USHORT	RD/WR		Digital Input 6: Input number	0..65535	
1961	USHORT	RD/WR		Digital Input 7: Input number	0..65535	
1962	USHORT	RD/WR		Digital Input 8: Input number	0..65535	
1963	USHORT	RD/WR		Digital Input 9: Input number	0..65535	
1964	USHORT	RD/WR		Digital Input 10: Input number	0..65535	
1965	USHORT	RD/WR		Digital Input 11: Input number	0..65535	
1966	USHORT	RD/WR		Digital Input 12: Input number	0..65535	
1967	USHORT	RD/WR		Digital Input 13: Input number	0..65535	
1968	USHORT	RD/WR		Digital Input 14: Input number	0..65535	
1969	USHORT	RD/WR		Digital Input 15: Input number	0..65535	
1970	SHORT	RD/WR		Function digital input 1: 0=disable, 1=tariff	0, 1	0
1971	SHORT	RD/WR		Function digital input 2: 0=disable, 1=tariff	0, 1	0
1972	SHORT	RD/WR		Function digital input 3: 0=disable, 1=tariff	0, 1	0
1973	SHORT	RD/WR		Function digital input 4: 0=disable, 1=tariff	0, 1	0
1974	SHORT	RD/WR		Function digital input 5: 0=disable, 1=tariff	0, 1	0
1975	SHORT	RD/WR		Function digital input 6: 0=disable, 1=tariff	0, 1	0
1976	SHORT	RD/WR		Function digital input 7: 0=disable, 1=tariff	0, 1	0
1977	SHORT	RD/WR		Function digital input 8: 0=disable, 1=tariff	0, 1	0
1978	SHORT	RD/WR		Function digital input 9: 0=disable, 2=time sync (minute), 3=time sync (hour)	0, 2, 3	0
1979	SHORT	RD/WR		Function digital input 10: 0=disable, 4=reset sync values	0, 4	0
9000	INT64	RD/WR		Clock timer, channel 1 byte1=minute_on byte2=hour_on byte3=minute_off byte4=hour_off byte5=Day (Bit0=Sun, Bit1=Mon ... ) byte6=tariff (0=disable, 1..8 Tariff) byte7=digital output (0=disable, 1..3 set digital output) byte 8=reserved	0 .. 59 0 .. 23 0 .. 59 0 .. 24 0 .. 6 0 .. 8 0 .. 3 -	

Adresse	Format	RD/WR	Einheit	Bemerkung	Einstellbereich	Voreinstellung
9004	INT64	RD/WR		Clock timer, channel 2	<i>see channel 1</i>	
9008	INT64	RD/WR		Clock timer, channel 3	<i>see channel 1</i>	
9012	INT64	RD/WR		Clock timer, channel 4	<i>see channel 1</i>	
9016	INT64	RD/WR		Clock timer, channel 5	<i>see channel 1</i>	
9020	INT64	RD/WR		Clock timer, channel 6	<i>see channel 1</i>	
9024	INT64	RD/WR		Clock timer, channel 7	<i>see channel 1</i>	
9028	INT64	RD/WR		Clock timer, channel 8	<i>see channel 1</i>	
9032	INT64	RD/WR		Clock timer, channel 9	<i>see channel 1</i>	
9036	INT64	RD/WR		Clock timer, channel 10	<i>see channel 1</i>	
9040	INT64	RD/WR		Clock timer, channel 11	<i>see channel 1</i>	
9044	INT64	RD/WR		Clock timer, channel 12	<i>see channel 1</i>	
9048	INT64	RD/WR		Clock timer, channel 13	<i>see channel 1</i>	
9052	INT64	RD/WR		Clock timer, channel 14	<i>see channel 1</i>	
9056	INT64	RD/WR		Clock timer, channel 15	<i>see channel 1</i>	
9060	INT64	RD/WR		Clock timer, channel 16	<i>see channel 1</i>	
9064	INT64	RD/WR		Clock timer, channel 17	<i>see channel 1</i>	
9068	INT64	RD/WR		Clock timer, channel 18	<i>see channel 1</i>	
9072	INT64	RD/WR		Clock timer, channel 19	<i>see channel 1</i>	
9076	INT64	RD/WR		Clock timer, channel 20	<i>see channel 1</i>	
9080	INT64	RD/WR		Clock timer, channel 21	<i>see channel 1</i>	
9084	INT64	RD/WR		Clock timer, channel 22	<i>see channel 1</i>	
9088	INT64	RD/WR		Clock timer, channel 23	<i>see channel 1</i>	
9092	INT64	RD/WR		Clock timer, channel 24	<i>see channel 1</i>	
9096	INT64	RD/WR		Clock timer, channel 25	<i>see channel 1</i>	
9100	INT64	RD/WR		Clock timer, channel 26	<i>see channel 1</i>	
9104	INT64	RD/WR		Clock timer, channel 27	<i>see channel 1</i>	
9108	INT64	RD/WR		Clock timer, channel 28	<i>see channel 1</i>	
9112	INT64	RD/WR		Clock timer, channel 29	<i>see channel 1</i>	
9116	INT64	RD/WR		Clock timer, channel 30	<i>see channel 1</i>	
9120	INT64	RD/WR		Clock timer, channel 31	<i>see channel 1</i>	
9124	INT64	RD/WR		Clock timer, channel 32	<i>see channel 1</i>	
9128	INT64	RD/WR		Clock timer, channel 33	<i>see channel 1</i>	
9132	INT64	RD/WR		Clock timer, channel 34	<i>see channel 1</i>	
9136	INT64	RD/WR		Clock timer, channel 35	<i>see channel 1</i>	
9140	INT64	RD/WR		Clock timer, channel 36	<i>see channel 1</i>	
9144	INT64	RD/WR		Clock timer, channel 37	<i>see channel 1</i>	
9148	INT64	RD/WR		Clock timer, channel 38	<i>see channel 1</i>	
9152	INT64	RD/WR		Clock timer, channel 39	<i>see channel 1</i>	
9156	INT64	RD/WR		Clock timer, channel 40	<i>see channel 1</i>	
9160	INT64	RD/WR		Clock timer, channel 41	<i>see channel 1</i>	
9164	INT64	RD/WR		Clock timer, channel 42	<i>see channel 1</i>	
9168	INT64	RD/WR		Clock timer, channel 43	<i>see channel 1</i>	
9172	INT64	RD/WR		Clock timer, channel 44	<i>see channel 1</i>	
9176	INT64	RD/WR		Clock timer, channel 45	<i>see channel 1</i>	
9180	INT64	RD/WR		Clock timer, channel 46	<i>see channel 1</i>	
9184	INT64	RD/WR		Clock timer, channel 47	<i>see channel 1</i>	
9188	INT64	RD/WR		Clock timer, channel 48	<i>see channel 1</i>	
9192	INT64	RD/WR		Clock timer, channel 49	<i>see channel 1</i>	
9196	INT64	RD/WR		Clock timer, channel 50	<i>see channel 1</i>	
9200	INT64	RD/WR		Clock timer, channel 51	<i>see channel 1</i>	
9204	INT64	RD/WR		Clock timer, channel 52	<i>see channel 1</i>	
9208	INT64	RD/WR		Clock timer, channel 53	<i>see channel 1</i>	
9212	INT64	RD/WR		Clock timer, channel 54	<i>see channel 1</i>	
9216	INT64	RD/WR		Clock timer, channel 55	<i>see channel 1</i>	
9220	INT64	RD/WR		Clock timer, channel 56	<i>see channel 1</i>	
9224	INT64	RD/WR		Clock timer, channel 57	<i>see channel 1</i>	
9228	INT64	RD/WR		Clock timer, channel 58	<i>see channel 1</i>	
9232	INT64	RD/WR		Clock timer, channel 59	<i>see channel 1</i>	
9236	INT64	RD/WR		Clock timer, channel 60	<i>see channel 1</i>	
9240	INT64	RD/WR		Clock timer, channel 61	<i>see channel 1</i>	
9244	INT64	RD/WR		Clock timer, channel 62	<i>see channel 1</i>	
9248	INT64	RD/WR		Clock timer, channel 63	<i>see channel 1</i>	
9252	INT64	RD/WR		Clock timer, channel 64	<i>see channel 1</i>	

# Adressenliste

## Digitale Eingänge: Impulse & Skalierung

Adresse	Format	RD/WR	Einheit	Bemerkung
2000	LONG64	RD/WR	n	pulse count, input 1
2004	LONG64	RD/WR	n	pulse count, input 2
2008	LONG64	RD/WR	n	pulse count, input 3
2012	LONG64	RD/WR	n	pulse count, input 4
2016	LONG64	RD/WR	n	pulse count, input 5
2020	LONG64	RD/WR	n	pulse count, input 6
2024	LONG64	RD/WR	n	pulse count, input 7
2028	LONG64	RD/WR	n	pulse count, input 8
2032	LONG64	RD/WR	n	pulse count, input 9
2036	LONG64	RD/WR	n	pulse count, input 10
2040	LONG64	RD/WR	n	pulse count, input 11
2044	LONG64	RD/WR	n	pulse count, input 12
2048	LONG64	RD/WR	n	pulse count, input 13
2052	LONG64	RD/WR	n	pulse count, input 14
2056	LONG64	RD/WR	n	pulse count, input 15
2060	INT	RD/WR	n	pulse count, input 1
2062	INT	RD/WR	n	pulse count, input 2
2064	INT	RD/WR	n	pulse count, input 3
2066	INT	RD/WR	n	pulse count, input 4
2068	INT	RD/WR	n	pulse count, input 5
2070	INT	RD/WR	n	pulse count, input 6
2072	INT	RD/WR	n	pulse count, input 7
2074	INT	RD/WR	n	pulse count, input 8
2076	INT	RD/WR	n	pulse count, input 9
2078	INT	RD/WR	n	pulse count, input 10
2080	INT	RD/WR	n	pulse count, input 11
2082	INT	RD/WR	n	pulse count, input 12
2084	INT	RD/WR	n	pulse count, input 13
2086	INT	RD/WR	n	pulse count, input 14
2088	INT	RD/WR	n	pulse count, input 15
2090	DOUBLE	RD		pulse count x scaling, input 1
2094	DOUBLE	RD		pulse count x scaling, input 2
2098	DOUBLE	RD		pulse count x scaling, input 3
2102	DOUBLE	RD		pulse count x scaling, input 4
2106	DOUBLE	RD		pulse count x scaling, input 5
2110	DOUBLE	RD		pulse count x scaling, input 6
2114	DOUBLE	RD		pulse count x scaling, input 7
2118	DOUBLE	RD		pulse count x scaling, input 8
2122	DOUBLE	RD		pulse count x scaling, input 9
2126	DOUBLE	RD		pulse count x scaling, input 10
2130	DOUBLE	RD		pulse count x scaling, input 11
2134	DOUBLE	RD		pulse count x scaling, input 12
2138	DOUBLE	RD		pulse count x scaling, input 13
2142	DOUBLE	RD		pulse count x scaling, input 14
2146	DOUBLE	RD		pulse count x scaling, input 15
2150	FLOAT	RD		pulse count x scaling, input 1
2152	FLOAT	RD		pulse count x scaling, input 2
2154	FLOAT	RD		pulse count x scaling, input 3
2156	FLOAT	RD		pulse count x scaling, input 4
2158	FLOAT	RD		pulse count x scaling, input 5
2160	FLOAT	RD		pulse count x scaling, input 6
2162	FLOAT	RD		pulse count x scaling, input 7
2164	FLOAT	RD		pulse count x scaling, input 8
2166	FLOAT	RD		pulse count x scaling, input 9
2168	FLOAT	RD		pulse count x scaling, input 10
2170	FLOAT	RD		pulse count x scaling, input 11
2172	FLOAT	RD		pulse count x scaling, input 12
2174	FLOAT	RD		pulse count x scaling, input 13
2176	FLOAT	RD		pulse count x scaling, input 14
2178	FLOAT	RD		pulse count x scaling, input 15
2240	LONG64	RD/WR	n	pulse count, input 1, tariff 1
2244	LONG64	RD/WR	n	pulse count, input 2, tariff 1
2248	LONG64	RD/WR	n	pulse count, input 3, tariff 1
2252	LONG64	RD/WR	n	pulse count, input 4, tariff 1
2256	LONG64	RD/WR	n	pulse count, input 5, tariff 1

Adresse	Format	RD/WR	Einheit	Bemerkung
2260	LONG64	RD/WR	n	pulse count, input 6, tariff 1
2264	LONG64	RD/WR	n	pulse count, input 7, tariff 1
2268	LONG64	RD/WR	n	pulse count, input 8, tariff 1
2272	LONG64	RD/WR	n	pulse count, input 9, tariff 1
2276	LONG64	RD/WR	n	pulse count, input 10, tariff 1
2280	LONG64	RD/WR	n	pulse count, input 11, tariff 1
2284	LONG64	RD/WR	n	pulse count, input 12, tariff 1
2288	LONG64	RD/WR	n	pulse count, input 13, tariff 1
2292	LONG64	RD/WR	n	pulse count, input 14, tariff 1
2296	LONG64	RD/WR	n	pulse count, input 15, tariff 1
2300	LONG64	RD/WR	n	pulse count, input 1, tariff 2
2304	LONG64	RD/WR	n	pulse count, input 2, tariff 2
2308	LONG64	RD/WR	n	pulse count, input 3, tariff 2
2312	LONG64	RD/WR	n	pulse count, input 4, tariff 2
2316	LONG64	RD/WR	n	pulse count, input 5, tariff 2
2320	LONG64	RD/WR	n	pulse count, input 6, tariff 2
2324	LONG64	RD/WR	n	pulse count, input 7, tariff 2
2328	LONG64	RD/WR	n	pulse count, input 8, tariff 2
2332	LONG64	RD/WR	n	pulse count, input 9, tariff 2
2336	LONG64	RD/WR	n	pulse count, input 10, tariff 2
2340	LONG64	RD/WR	n	pulse count, input 11, tariff 2
2344	LONG64	RD/WR	n	pulse count, input 12, tariff 2
2348	LONG64	RD/WR	n	pulse count, input 13, tariff 2
2352	LONG64	RD/WR	n	pulse count, input 14, tariff 2
2356	LONG64	RD/WR	n	pulse count, input 15, tariff 2
2360	LONG64	RD/WR	n	pulse count, input 1, tariff 3
2364	LONG64	RD/WR	n	pulse count, input 2, tariff 3
2368	LONG64	RD/WR	n	pulse count, input 3, tariff 3
2372	LONG64	RD/WR	n	pulse count, input 4, tariff 3
2376	LONG64	RD/WR	n	pulse count, input 5, tariff 3
2380	LONG64	RD/WR	n	pulse count, input 6, tariff 3
2384	LONG64	RD/WR	n	pulse count, input 7, tariff 3
2388	LONG64	RD/WR	n	pulse count, input 8, tariff 3
2392	LONG64	RD/WR	n	pulse count, input 9, tariff 3
2396	LONG64	RD/WR	n	pulse count, input 10, tariff 3
2400	LONG64	RD/WR	n	pulse count, input 11, tariff 3
2404	LONG64	RD/WR	n	pulse count, input 12, tariff 3
2408	LONG64	RD/WR	n	pulse count, input 13, tariff 3
2412	LONG64	RD/WR	n	pulse count, input 14, tariff 3
2416	LONG64	RD/WR	n	pulse count, input 15, tariff 3
2420	LONG64	RD/WR	n	pulse count, input 1, tariff 4
2424	LONG64	RD/WR	n	pulse count, input 2, tariff 4
2428	LONG64	RD/WR	n	pulse count, input 3, tariff 4
2432	LONG64	RD/WR	n	pulse count, input 4, tariff 4
2436	LONG64	RD/WR	n	pulse count, input 5, tariff 4
2440	LONG64	RD/WR	n	pulse count, input 6, tariff 4
2444	LONG64	RD/WR	n	pulse count, input 7, tariff 4
2448	LONG64	RD/WR	n	pulse count, input 8, tariff 4
2452	LONG64	RD/WR	n	pulse count, input 9, tariff 4
2456	LONG64	RD/WR	n	pulse count, input 10, tariff 4
2460	LONG64	RD/WR	n	pulse count, input 11, tariff 4
2464	LONG64	RD/WR	n	pulse count, input 12, tariff 4
2468	LONG64	RD/WR	n	pulse count, input 13, tariff 4
2472	LONG64	RD/WR	n	pulse count, input 14, tariff 4
2476	LONG64	RD/WR	n	pulse count, input 15, tariff 4
2480	LONG64	RD/WR	n	pulse count, input 1, tariff 5
2484	LONG64	RD/WR	n	pulse count, input 2, tariff 5
2488	LONG64	RD/WR	n	pulse count, input 3, tariff 5
2492	LONG64	RD/WR	n	pulse count, input 4, tariff 5
2496	LONG64	RD/WR	n	pulse count, input 5, tariff 5
2500	LONG64	RD/WR	n	pulse count, input 6, tariff 5
2504	LONG64	RD/WR	n	pulse count, input 7, tariff 5
2508	LONG64	RD/WR	n	pulse count, input 8, tariff 5
2512	LONG64	RD/WR	n	pulse count, input 9, tariff 5
2516	LONG64	RD/WR	n	pulse count, input 10, tariff 5
2520	LONG64	RD/WR	n	pulse count, input 11, tariff 5

Adresse	Format	RD/WR	Einheit	Bemerkung
2524	LONG64	RD/WR	n	pulse count, input 12, tariff 5
2528	LONG64	RD/WR	n	pulse count, input 13, tariff 5
2532	LONG64	RD/WR	n	pulse count, input 14, tariff 5
2536	LONG64	RD/WR	n	pulse count, input 15, tariff 5
2540	LONG64	RD/WR	n	pulse count, input 1, tariff 6
2544	LONG64	RD/WR	n	pulse count, input 2, tariff 6
2548	LONG64	RD/WR	n	pulse count, input 3, tariff 6
2552	LONG64	RD/WR	n	pulse count, input 4, tariff 6
2556	LONG64	RD/WR	n	pulse count, input 5, tariff 6
2560	LONG64	RD/WR	n	pulse count, input 6, tariff 6
2564	LONG64	RD/WR	n	pulse count, input 7, tariff 6
2568	LONG64	RD/WR	n	pulse count, input 8, tariff 6
2572	LONG64	RD/WR	n	pulse count, input 9, tariff 6
2576	LONG64	RD/WR	n	pulse count, input 10, tariff 6
2580	LONG64	RD/WR	n	pulse count, input 11, tariff 6
2584	LONG64	RD/WR	n	pulse count, input 12, tariff 6
2588	LONG64	RD/WR	n	pulse count, input 13, tariff 6
2592	LONG64	RD/WR	n	pulse count, input 14, tariff 6
2596	LONG64	RD/WR	n	pulse count, input 15, tariff 6
2600	LONG64	RD/WR	n	pulse count, input 1, tariff 7
2604	LONG64	RD/WR	n	pulse count, input 2, tariff 7
2608	LONG64	RD/WR	n	pulse count, input 3, tariff 7
2612	LONG64	RD/WR	n	pulse count, input 4, tariff 7
2616	LONG64	RD/WR	n	pulse count, input 5, tariff 7
2620	LONG64	RD/WR	n	pulse count, input 6, tariff 7
2624	LONG64	RD/WR	n	pulse count, input 7, tariff 7
2628	LONG64	RD/WR	n	pulse count, input 8, tariff 7
2632	LONG64	RD/WR	n	pulse count, input 9, tariff 7
2636	LONG64	RD/WR	n	pulse count, input 10, tariff 7
2640	LONG64	RD/WR	n	pulse count, input 11, tariff 7
2644	LONG64	RD/WR	n	pulse count, input 12, tariff 7
2648	LONG64	RD/WR	n	pulse count, input 13, tariff 7
2652	LONG64	RD/WR	n	pulse count, input 14, tariff 7
2656	LONG64	RD/WR	n	pulse count, input 15, tariff 7
2660	LONG64	RD/WR	n	pulse count, input 1, tariff 8
2664	LONG64	RD/WR	n	pulse count, input 2, tariff 8
2668	LONG64	RD/WR	n	pulse count, input 3, tariff 8
2672	LONG64	RD/WR	n	pulse count, input 4, tariff 8
2676	LONG64	RD/WR	n	pulse count, input 5, tariff 8
2680	LONG64	RD/WR	n	pulse count, input 6, tariff 8
2684	LONG64	RD/WR	n	pulse count, input 7, tariff 8
2688	LONG64	RD/WR	n	pulse count, input 8, tariff 8
2692	LONG64	RD/WR	n	pulse count, input 9, tariff 8
2696	LONG64	RD/WR	n	pulse count, input 10, tariff 8
2700	LONG64	RD/WR	n	pulse count, input 11, tariff 8
2704	LONG64	RD/WR	n	pulse count, input 12, tariff 8
2708	LONG64	RD/WR	n	pulse count, input 13, tariff 8
2712	LONG64	RD/WR	n	pulse count, input 14, tariff 8
2716	LONG64	RD/WR	n	pulse count, input 15, tariff 8
2720	INT	RD/WR	n	pulse count, input 1, tariff 1
2722	INT	RD/WR	n	pulse count, input 2, tariff 1
2724	INT	RD/WR	n	pulse count, input 3, tariff 1
2726	INT	RD/WR	n	pulse count, input 4, tariff 1
2728	INT	RD/WR	n	pulse count, input 5, tariff 1
2730	INT	RD/WR	n	pulse count, input 6, tariff 1
2732	INT	RD/WR	n	pulse count, input 7, tariff 1
2734	INT	RD/WR	n	pulse count, input 8, tariff 1
2736	INT	RD/WR	n	pulse count, input 9, tariff 1
2738	INT	RD/WR	n	pulse count, input 10, tariff 1
2740	INT	RD/WR	n	pulse count, input 11, tariff 1
2742	INT	RD/WR	n	pulse count, input 12, tariff 1
2744	INT	RD/WR	n	pulse count, input 13, tariff 1
2746	INT	RD/WR	n	pulse count, input 14, tariff 1
2748	INT	RD/WR	n	pulse count, input 15, tariff 1
2750	INT	RD/WR	n	pulse count, input 1, tariff 2
2752	INT	RD/WR	n	pulse count, input 2, tariff 2

Adresse	Format	RD/WR	Einheit	Bemerkung
2754	INT	RD/WR	n	pulse count, input 3, tariff 2
2756	INT	RD/WR	n	pulse count, input 4, tariff 2
2758	INT	RD/WR	n	pulse count, input 5, tariff 2
2760	INT	RD/WR	n	pulse count, input 6, tariff 2
2762	INT	RD/WR	n	pulse count, input 7, tariff 2
2764	INT	RD/WR	n	pulse count, input 8, tariff 2
2766	INT	RD/WR	n	pulse count, input 9, tariff 2
2768	INT	RD/WR	n	pulse count, input 10, tariff 2
2770	INT	RD/WR	n	pulse count, input 11, tariff 2
2772	INT	RD/WR	n	pulse count, input 12, tariff 2
2774	INT	RD/WR	n	pulse count, input 13, tariff 2
2776	INT	RD/WR	n	pulse count, input 14, tariff 2
2778	INT	RD/WR	n	pulse count, input 15, tariff 2
2780	INT	RD/WR	n	pulse count, input 1, tariff 3
2782	INT	RD/WR	n	pulse count, input 2, tariff 3
2784	INT	RD/WR	n	pulse count, input 3, tariff 3
2786	INT	RD/WR	n	pulse count, input 4, tariff 3
2788	INT	RD/WR	n	pulse count, input 5, tariff 3
2790	INT	RD/WR	n	pulse count, input 6, tariff 3
2792	INT	RD/WR	n	pulse count, input 7, tariff 3
2794	INT	RD/WR	n	pulse count, input 8, tariff 3
2796	INT	RD/WR	n	pulse count, input 9, tariff 3
2798	INT	RD/WR	n	pulse count, input 10, tariff 3
2800	INT	RD/WR	n	pulse count, input 11, tariff 3
2802	INT	RD/WR	n	pulse count, input 12, tariff 3
2804	INT	RD/WR	n	pulse count, input 13, tariff 3
2806	INT	RD/WR	n	pulse count, input 14, tariff 3
2808	INT	RD/WR	n	pulse count, input 15, tariff 3
2810	INT	RD/WR	n	pulse count, input 1, tariff 4
2812	INT	RD/WR	n	pulse count, input 2, tariff 4
2814	INT	RD/WR	n	pulse count, input 3, tariff 4
2816	INT	RD/WR	n	pulse count, input 4, tariff 4
2818	INT	RD/WR	n	pulse count, input 5, tariff 4
2820	INT	RD/WR	n	pulse count, input 6, tariff 4
2822	INT	RD/WR	n	pulse count, input 7, tariff 4
2824	INT	RD/WR	n	pulse count, input 8, tariff 4
2826	INT	RD/WR	n	pulse count, input 9, tariff 4
2828	INT	RD/WR	n	pulse count, input 10, tariff 4
2830	INT	RD/WR	n	pulse count, input 11, tariff 4
2832	INT	RD/WR	n	pulse count, input 12, tariff 4
2834	INT	RD/WR	n	pulse count, input 13, tariff 4
2836	INT	RD/WR	n	pulse count, input 14, tariff 4
2838	INT	RD/WR	n	pulse count, input 15, tariff 4
2840	INT	RD/WR	n	pulse count, input 1, tariff 5
2842	INT	RD/WR	n	pulse count, input 2, tariff 5
2844	INT	RD/WR	n	pulse count, input 3, tariff 5
2846	INT	RD/WR	n	pulse count, input 4, tariff 5
2848	INT	RD/WR	n	pulse count, input 5, tariff 5
2850	INT	RD/WR	n	pulse count, input 6, tariff 5
2852	INT	RD/WR	n	pulse count, input 7, tariff 5
2854	INT	RD/WR	n	pulse count, input 8, tariff 5
2856	INT	RD/WR	n	pulse count, input 9, tariff 5
2858	INT	RD/WR	n	pulse count, input 10, tariff 5
2860	INT	RD/WR	n	pulse count, input 11, tariff 5
2862	INT	RD/WR	n	pulse count, input 12, tariff 5
2864	INT	RD/WR	n	pulse count, input 13, tariff 5
2866	INT	RD/WR	n	pulse count, input 14, tariff 5
2868	INT	RD/WR	n	pulse count, input 15, tariff 5
2870	INT	RD/WR	n	pulse count, input 1, tariff 6
2872	INT	RD/WR	n	pulse count, input 2, tariff 6
2874	INT	RD/WR	n	pulse count, input 3, tariff 6
2876	INT	RD/WR	n	pulse count, input 4, tariff 6
2878	INT	RD/WR	n	pulse count, input 5, tariff 6
2880	INT	RD/WR	n	pulse count, input 6, tariff 6
2882	INT	RD/WR	n	pulse count, input 7, tariff 6
2884	INT	RD/WR	n	pulse count, input 8, tariff 6

Adresse	Format	RD/WR	Einheit	Bemerkung
2886	INT	RD/WR	n	pulse count, input 9, tariff 6
2888	INT	RD/WR	n	pulse count, input 10, tariff 6
2890	INT	RD/WR	n	pulse count, input 11, tariff 6
2892	INT	RD/WR	n	pulse count, input 12, tariff 6
2894	INT	RD/WR	n	pulse count, input 13, tariff 6
2896	INT	RD/WR	n	pulse count, input 14, tariff 6
2898	INT	RD/WR	n	pulse count, input 15, tariff 6
2900	INT	RD/WR	n	pulse count, input 1, tariff 7
2902	INT	RD/WR	n	pulse count, input 2, tariff 7
2904	INT	RD/WR	n	pulse count, input 3, tariff 7
2906	INT	RD/WR	n	pulse count, input 4, tariff 7
2908	INT	RD/WR	n	pulse count, input 5, tariff 7
2910	INT	RD/WR	n	pulse count, input 6, tariff 7
2912	INT	RD/WR	n	pulse count, input 7, tariff 7
2914	INT	RD/WR	n	pulse count, input 8, tariff 7
2916	INT	RD/WR	n	pulse count, input 9, tariff 7
2918	INT	RD/WR	n	pulse count, input 10, tariff 7
2920	INT	RD/WR	n	pulse count, input 11, tariff 7
2922	INT	RD/WR	n	pulse count, input 12, tariff 7
2924	INT	RD/WR	n	pulse count, input 13, tariff 7
2926	INT	RD/WR	n	pulse count, input 14, tariff 7
2928	INT	RD/WR	n	pulse count, input 15, tariff 7
2930	INT	RD/WR	n	pulse count, input 1, tariff 8
2932	INT	RD/WR	n	pulse count, input 2, tariff 8
2934	INT	RD/WR	n	pulse count, input 3, tariff 8
2936	INT	RD/WR	n	pulse count, input 4, tariff 8
2938	INT	RD/WR	n	pulse count, input 5, tariff 8
2940	INT	RD/WR	n	pulse count, input 6, tariff 8
2942	INT	RD/WR	n	pulse count, input 7, tariff 8
2944	INT	RD/WR	n	pulse count, input 8, tariff 8
2946	INT	RD/WR	n	pulse count, input 9, tariff 8
2948	INT	RD/WR	n	pulse count, input 10, tariff 8
2950	INT	RD/WR	n	pulse count, input 11, tariff 8
2952	INT	RD/WR	n	pulse count, input 12, tariff 8
2954	INT	RD/WR	n	pulse count, input 13, tariff 8
2956	INT	RD/WR	n	pulse count, input 14, tariff 8
2958	INT	RD/WR	n	pulse count, input 15, tariff 8
2960	DOUBLE	RD/WR		pulse count x scaling, input 1, tariff 1
2964	DOUBLE	RD/WR		pulse count x scaling, input 2, tariff 1
2968	DOUBLE	RD/WR		pulse count x scaling, input 3, tariff 1
2972	DOUBLE	RD/WR		pulse count x scaling, input 4, tariff 1
2976	DOUBLE	RD/WR		pulse count x scaling, input 5, tariff 1
2980	DOUBLE	RD/WR		pulse count x scaling, input 6, tariff 1
2984	DOUBLE	RD/WR		pulse count x scaling, input 7, tariff 1
2988	DOUBLE	RD/WR		pulse count x scaling, input 8, tariff 1
2992	DOUBLE	RD/WR		pulse count x scaling, input 9, tariff 1
2996	DOUBLE	RD/WR		pulse count x scaling, input 10, tariff 1
3000	DOUBLE	RD/WR		pulse count x scaling, input 11, tariff 1
3004	DOUBLE	RD/WR		pulse count x scaling, input 12, tariff 1
3008	DOUBLE	RD/WR		pulse count x scaling, input 13, tariff 1
3012	DOUBLE	RD/WR		pulse count x scaling, input 14, tariff 1
3016	DOUBLE	RD/WR		pulse count x scaling, input 15, tariff 1
3020	DOUBLE	RD/WR		pulse count x scaling, input 1, tariff 2
3024	DOUBLE	RD/WR		pulse count x scaling, input 2, tariff 2
3028	DOUBLE	RD/WR		pulse count x scaling, input 3, tariff 2
3032	DOUBLE	RD/WR		pulse count x scaling, input 4, tariff 2
3036	DOUBLE	RD/WR		pulse count x scaling, input 5, tariff 2
3040	DOUBLE	RD/WR		pulse count x scaling, input 6, tariff 2
3044	DOUBLE	RD/WR		pulse count x scaling, input 7, tariff 2
3048	DOUBLE	RD/WR		pulse count x scaling, input 8, tariff 2
3052	DOUBLE	RD/WR		pulse count x scaling, input 9, tariff 2
3056	DOUBLE	RD/WR		pulse count x scaling, input 10, tariff 2
3060	DOUBLE	RD/WR		pulse count x scaling, input 11, tariff 2
3064	DOUBLE	RD/WR		pulse count x scaling, input 12, tariff 2
3068	DOUBLE	RD/WR		pulse count x scaling, input 13, tariff 2
3072	DOUBLE	RD/WR		pulse count x scaling, input 14, tariff 2





Adresse	Format	RD/WR	Einheit	Bemerkung
3340	DOUBLE	RD/WR		pulse count x scaling, input 6, tariff 7
3344	DOUBLE	RD/WR		pulse count x scaling, input 7, tariff 7
3348	DOUBLE	RD/WR		pulse count x scaling, input 8, tariff 7
3352	DOUBLE	RD/WR		pulse count x scaling, input 9, tariff 7
3356	DOUBLE	RD/WR		pulse count x scaling, input 10, tariff 7
3360	DOUBLE	RD/WR		pulse count x scaling, input 11, tariff 7
3364	DOUBLE	RD/WR		pulse count x scaling, input 12, tariff 7
3368	DOUBLE	RD/WR		pulse count x scaling, input 13, tariff 7
3372	DOUBLE	RD/WR		pulse count x scaling, input 14, tariff 7
3376	DOUBLE	RD/WR		pulse count x scaling, input 15, tariff 7
3380	DOUBLE	RD/WR		pulse count x scaling, input 1, tariff 8
3384	DOUBLE	RD/WR		pulse count x scaling, input 2, tariff 8
3388	DOUBLE	RD/WR		pulse count x scaling, input 3, tariff 8
3392	DOUBLE	RD/WR		pulse count x scaling, input 4, tariff 8
3396	DOUBLE	RD/WR		pulse count x scaling, input 5, tariff 8
3400	DOUBLE	RD/WR		pulse count x scaling, input 6, tariff 8
3404	DOUBLE	RD/WR		pulse count x scaling, input 7, tariff 8
3408	DOUBLE	RD/WR		pulse count x scaling, input 8, tariff 8
3412	DOUBLE	RD/WR		pulse count x scaling, input 9, tariff 8
3416	DOUBLE	RD/WR		pulse count x scaling, input 10, tariff 8
3420	DOUBLE	RD/WR		pulse count x scaling, input 11, tariff 8
3424	DOUBLE	RD/WR		pulse count x scaling, input 12, tariff 8
3428	DOUBLE	RD/WR		pulse count x scaling, input 13, tariff 8
3432	DOUBLE	RD/WR		pulse count x scaling, input 14, tariff 8
3436	DOUBLE	RD/WR		pulse count x scaling, input 15, tariff 8
3440	FLOAT	RD/WR		pulse count x scaling, input 1, tariff 1
3442	FLOAT	RD/WR		pulse count x scaling, input 2, tariff 1
3444	FLOAT	RD/WR		pulse count x scaling, input 3, tariff 1
3446	FLOAT	RD/WR		pulse count x scaling, input 4, tariff 1
3448	FLOAT	RD/WR		pulse count x scaling, input 5, tariff 1
3450	FLOAT	RD/WR		pulse count x scaling, input 6, tariff 1
3452	FLOAT	RD/WR		pulse count x scaling, input 7, tariff 1
3454	FLOAT	RD/WR		pulse count x scaling, input 8, tariff 1
3456	FLOAT	RD/WR		pulse count x scaling, input 9, tariff 1
3458	FLOAT	RD/WR		pulse count x scaling, input 10, tariff 1
3460	FLOAT	RD/WR		pulse count x scaling, input 11, tariff 1
3462	FLOAT	RD/WR		pulse count x scaling, input 12, tariff 1
3464	FLOAT	RD/WR		pulse count x scaling, input 13, tariff 1
3466	FLOAT	RD/WR		pulse count x scaling, input 14, tariff 1
3468	FLOAT	RD/WR		pulse count x scaling, input 15, tariff 1
3470	FLOAT	RD/WR		pulse count x scaling, input 1, tariff 2
3472	FLOAT	RD/WR		pulse count x scaling, input 2, tariff 2
3474	FLOAT	RD/WR		pulse count x scaling, input 3, tariff 2
3476	FLOAT	RD/WR		pulse count x scaling, input 4, tariff 2
3478	FLOAT	RD/WR		pulse count x scaling, input 5, tariff 2
3480	FLOAT	RD/WR		pulse count x scaling, input 6, tariff 2
3482	FLOAT	RD/WR		pulse count x scaling, input 7, tariff 2
3484	FLOAT	RD/WR		pulse count x scaling, input 8, tariff 2
3486	FLOAT	RD/WR		pulse count x scaling, input 9, tariff 2
3488	FLOAT	RD/WR		pulse count x scaling, input 10, tariff 2
3490	FLOAT	RD/WR		pulse count x scaling, input 11, tariff 2
3492	FLOAT	RD/WR		pulse count x scaling, input 12, tariff 2
3494	FLOAT	RD/WR		pulse count x scaling, input 13, tariff 2
3496	FLOAT	RD/WR		pulse count x scaling, input 14, tariff 2
3498	FLOAT	RD/WR		pulse count x scaling, input 15, tariff 2
3500	FLOAT	RD/WR		pulse count x scaling, input 1, tariff 3
3502	FLOAT	RD/WR		pulse count x scaling, input 2, tariff 3
3504	FLOAT	RD/WR		pulse count x scaling, input 3, tariff 3
3506	FLOAT	RD/WR		pulse count x scaling, input 4, tariff 3
3508	FLOAT	RD/WR		pulse count x scaling, input 5, tariff 3
3510	FLOAT	RD/WR		pulse count x scaling, input 6, tariff 3
3512	FLOAT	RD/WR		pulse count x scaling, input 7, tariff 3
3514	FLOAT	RD/WR		pulse count x scaling, input 8, tariff 3
3516	FLOAT	RD/WR		pulse count x scaling, input 9, tariff 3
3518	FLOAT	RD/WR		pulse count x scaling, input 10, tariff 3
3520	FLOAT	RD/WR		pulse count x scaling, input 11, tariff 3



Adresse	Format	RD/WR	Einheit	Bemerkung
3654	FLOAT	RD/WR		pulse count x scaling, input 3, tariff 8
3656	FLOAT	RD/WR		pulse count x scaling, input 4, tariff 8
3658	FLOAT	RD/WR		pulse count x scaling, input 5, tariff 8
3660	FLOAT	RD/WR		pulse count x scaling, input 6, tariff 8
3662	FLOAT	RD/WR		pulse count x scaling, input 7, tariff 8
3664	FLOAT	RD/WR		pulse count x scaling, input 8, tariff 8
3666	FLOAT	RD/WR		pulse count x scaling, input 9, tariff 8
3668	FLOAT	RD/WR		pulse count x scaling, input 10, tariff 8
3670	FLOAT	RD/WR		pulse count x scaling, input 11, tariff 8
3672	FLOAT	RD/WR		pulse count x scaling, input 12, tariff 8
3674	FLOAT	RD/WR		pulse count x scaling, input 13, tariff 8
3676	FLOAT	RD/WR		pulse count x scaling, input 14, tariff 8
3678	FLOAT	RD/WR		pulse count x scaling, input 15, tariff 8
4883	FLOAT	RD		input 1 (pulse count x scaling)/interval[sec]
4885	FLOAT	RD		input 2 (pulse count x scaling)/interval[sec]
4887	FLOAT	RD		input 3 (pulse count x scaling)/interval[sec]
4889	FLOAT	RD		input 4 (pulse count x scaling)/interval[sec]
4891	FLOAT	RD		input 5 (pulse count x scaling)/interval[sec]
4893	FLOAT	RD		input 6 (pulse count x scaling)/interval[sec]
4895	FLOAT	RD		input 7 (pulse count x scaling)/interval[sec]
4897	FLOAT	RD		input 8 (pulse count x scaling)/interval[sec]
4899	FLOAT	RD		input 9 (pulse count x scaling)/interval[sec]
4901	FLOAT	RD		input 10 (pulse count x scaling)/interval[sec]
4903	FLOAT	RD		input 11 (pulse count x scaling)/interval[sec]
4905	FLOAT	RD		input 12 (pulse count x scaling)/interval[sec]
4907	FLOAT	RD		input 13 (pulse count x scaling)/interval[sec]
4909	FLOAT	RD		input 14 (pulse count x scaling)/interval[sec]
4911	FLOAT	RD		input 15 (pulse count x scaling)/interval[sec]

## Digitale Eingänge: Ereignisse

Adresse	Format	RD/WR	Einheit	Bemerkung
3680	LONG64	RD	ms	timestamp [UTC], event 1 input 1
3684	LONG64	RD	ms	timestamp [UTC], event 1 input 2
3688	LONG64	RD	ms	timestamp [UTC], event 1 input 3
3692	LONG64	RD	ms	timestamp [UTC], event 1 input 4
3696	LONG64	RD	ms	timestamp [UTC], event 1 input 5
3700	LONG64	RD	ms	timestamp [UTC], event 1 input 6
3704	LONG64	RD	ms	timestamp [UTC], event 1 input 7
3708	LONG64	RD	ms	timestamp [UTC], event 1 input 8
3712	LONG64	RD	ms	timestamp [UTC], event 1 input 9
3716	LONG64	RD	ms	timestamp [UTC], event 1 input 10
3720	LONG64	RD	ms	timestamp [UTC], event 1 input 11
3724	LONG64	RD	ms	timestamp [UTC], event 1 input 12
3728	LONG64	RD	ms	timestamp [UTC], event 1 input 13
3732	LONG64	RD	ms	timestamp [UTC], event 1 input 14
3736	LONG64	RD	ms	timestamp [UTC], event 1 input 15
3740	SHORT	RD		status, event 1 input 1 (0=off, 1=on)
3741	SHORT	RD		status, event 1 input 2 (0=off, 1=on)
3742	SHORT	RD		status, event 1 input 3 (0=off, 1=on)
3743	SHORT	RD		status, event 1 input 4 (0=off, 1=on)
3744	SHORT	RD		status, event 1 input 5 (0=off, 1=on)
3745	SHORT	RD		status, event 1 input 6 (0=off, 1=on)
3746	SHORT	RD		status, event 1 input 7 (0=off, 1=on)
3747	SHORT	RD		status, event 1 input 8 (0=off, 1=on)
3748	SHORT	RD		status, event 1 input 9 (0=off, 1=on)
3749	SHORT	RD		status, event 1 input 10 (0=off, 1=on)
3750	SHORT	RD		status, event 1 input 11 (0=off, 1=on)
3751	SHORT	RD		status, event 1 input 12 (0=off, 1=on)
3752	SHORT	RD		status, event 1 input 13 (0=off, 1=on)
3753	SHORT	RD		status, event 1 input 14 (0=off, 1=on)
3754	SHORT	RD		status, event 1 input 15 (0=off, 1=on)
3755	LONG64	RD	ms	timestamp [UTC], event 2 input 1
3759	LONG64	RD	ms	timestamp [UTC], event 2 input 2
3763	LONG64	RD	ms	timestamp [UTC], event 2 input 3
3767	LONG64	RD	ms	timestamp [UTC], event 2 input 4
3771	LONG64	RD	ms	timestamp [UTC], event 2 input 5
3775	LONG64	RD	ms	timestamp [UTC], event 2 input 6
3779	LONG64	RD	ms	timestamp [UTC], event 2 input 7
3783	LONG64	RD	ms	timestamp [UTC], event 2 input 8
3787	LONG64	RD	ms	timestamp [UTC], event 2 input 9
3791	LONG64	RD	ms	timestamp [UTC], event 2 input 10
3795	LONG64	RD	ms	timestamp [UTC], event 2 input 11
3799	LONG64	RD	ms	timestamp [UTC], event 2 input 12
3803	LONG64	RD	ms	timestamp [UTC], event 2 input 13
3807	LONG64	RD	ms	timestamp [UTC], event 2 input 14
3811	LONG64	RD	ms	timestamp [UTC], event 2 input 15
3815	SHORT	RD		status, event 2 input 1 (0=off, 1=on)
3816	SHORT	RD		status, event 2 input 2 (0=off, 1=on)
3817	SHORT	RD		status, event 2 input 3 (0=off, 1=on)
3818	SHORT	RD		status, event 2 input 4 (0=off, 1=on)
3819	SHORT	RD		status, event 2 input 5 (0=off, 1=on)
3820	SHORT	RD		status, event 2 input 6 (0=off, 1=on)
3821	SHORT	RD		status, event 2 input 7 (0=off, 1=on)
3822	SHORT	RD		status, event 2 input 8 (0=off, 1=on)
3823	SHORT	RD		status, event 2 input 9 (0=off, 1=on)
3824	SHORT	RD		status, event 2 input 10 (0=off, 1=on)
3825	SHORT	RD		status, event 2 input 11 (0=off, 1=on)
3826	SHORT	RD		status, event 2 input 12 (0=off, 1=on)
3827	SHORT	RD		status, event 2 input 13 (0=off, 1=on)
3828	SHORT	RD		status, event 2 input 14 (0=off, 1=on)
3829	SHORT	RD		status, event 2 input 15 (0=off, 1=on)
3830	LONG64	RD	ms	timestamp [UTC], event 3 input 1
3834	LONG64	RD	ms	timestamp [UTC], event 3 input 2
3838	LONG64	RD	ms	timestamp [UTC], event 3 input 3
3842	LONG64	RD	ms	timestamp [UTC], event 3 input 4
3846	LONG64	RD	ms	timestamp [UTC], event 3 input 5
3850	LONG64	RD	ms	timestamp [UTC], event 3 input 6

Adresse	Format	RD/WR	Einheit	Bemerkung
3854	LONG64	RD	ms	timestamp [UTC], event 3 input 7
3858	LONG64	RD	ms	timestamp [UTC], event 3 input 8
3862	LONG64	RD	ms	timestamp [UTC], event 3 input 9
3866	LONG64	RD	ms	timestamp [UTC], event 3 input 10
3870	LONG64	RD	ms	timestamp [UTC], event 3 input 11
3874	LONG64	RD	ms	timestamp [UTC], event 3 input 12
3878	LONG64	RD	ms	timestamp [UTC], event 3 input 13
3882	LONG64	RD	ms	timestamp [UTC], event 3 input 14
3886	LONG64	RD	ms	timestamp [UTC], event 3 input 15
3890	SHORT	RD		status, event 3 input 1 (0=off, 1=on)
3891	SHORT	RD		status, event 3 input 2 (0=off, 1=on)
3892	SHORT	RD		status, event 3 input 3 (0=off, 1=on)
3893	SHORT	RD		status, event 3 input 4 (0=off, 1=on)
3894	SHORT	RD		status, event 3 input 5 (0=off, 1=on)
3895	SHORT	RD		status, event 3 input 6 (0=off, 1=on)
3896	SHORT	RD		status, event 3 input 7 (0=off, 1=on)
3897	SHORT	RD		status, event 3 input 8 (0=off, 1=on)
3898	SHORT	RD		status, event 3 input 9 (0=off, 1=on)
3899	SHORT	RD		status, event 3 input 10 (0=off, 1=on)
3900	SHORT	RD		status, event 3 input 11 (0=off, 1=on)
3901	SHORT	RD		status, event 3 input 12 (0=off, 1=on)
3902	SHORT	RD		status, event 3 input 13 (0=off, 1=on)
3903	SHORT	RD		status, event 3 input 14 (0=off, 1=on)
3904	SHORT	RD		status, event 3 input 15 (0=off, 1=on)
3905	LONG64	RD	ms	timestamp [UTC], event 4 input 1
3909	LONG64	RD	ms	timestamp [UTC], event 4 input 2
3913	LONG64	RD	ms	timestamp [UTC], event 4 input 3
3917	LONG64	RD	ms	timestamp [UTC], event 4 input 4
3921	LONG64	RD	ms	timestamp [UTC], event 4 input 5
3925	LONG64	RD	ms	timestamp [UTC], event 4 input 6
3929	LONG64	RD	ms	timestamp [UTC], event 4 input 7
3933	LONG64	RD	ms	timestamp [UTC], event 4 input 8
3937	LONG64	RD	ms	timestamp [UTC], event 4 input 9
3941	LONG64	RD	ms	timestamp [UTC], event 4 input 10
3945	LONG64	RD	ms	timestamp [UTC], event 4 input 11
3949	LONG64	RD	ms	timestamp [UTC], event 4 input 12
3953	LONG64	RD	ms	timestamp [UTC], event 4 input 13
3957	LONG64	RD	ms	timestamp [UTC], event 4 input 14
3961	LONG64	RD	ms	timestamp [UTC], event 4 input 15
3965	SHORT	RD		status, event 4 input 1 (0=off, 1=on)
3966	SHORT	RD		status, event 4 input 2 (0=off, 1=on)
3967	SHORT	RD		status, event 4 input 3 (0=off, 1=on)
3968	SHORT	RD		status, event 4 input 4 (0=off, 1=on)
3969	SHORT	RD		status, event 4 input 5 (0=off, 1=on)
3970	SHORT	RD		status, event 4 input 6 (0=off, 1=on)
3971	SHORT	RD		status, event 4 input 7 (0=off, 1=on)
3972	SHORT	RD		status, event 4 input 8 (0=off, 1=on)
3973	SHORT	RD		status, event 4 input 9 (0=off, 1=on)
3974	SHORT	RD		status, event 4 input 10 (0=off, 1=on)
3975	SHORT	RD		status, event 4 input 11 (0=off, 1=on)
3976	SHORT	RD		status, event 4 input 12 (0=off, 1=on)
3977	SHORT	RD		status, event 4 input 13 (0=off, 1=on)
3978	SHORT	RD		status, event 4 input 14 (0=off, 1=on)
3979	SHORT	RD		status, event 4 input 15 (0=off, 1=on)
3980	LONG64	RD	ms	timestamp [UTC], event 5 input 1
3984	LONG64	RD	ms	timestamp [UTC], event 5 input 2
3988	LONG64	RD	ms	timestamp [UTC], event 5 input 3
3992	LONG64	RD	ms	timestamp [UTC], event 5 input 4
3996	LONG64	RD	ms	timestamp [UTC], event 5 input 5
4000	LONG64	RD	ms	timestamp [UTC], event 5 input 6
4004	LONG64	RD	ms	timestamp [UTC], event 5 input 7
4008	LONG64	RD	ms	timestamp [UTC], event 5 input 8
4012	LONG64	RD	ms	timestamp [UTC], event 5 input 9
4016	LONG64	RD	ms	timestamp [UTC], event 5 input 10
4020	LONG64	RD	ms	timestamp [UTC], event 5 input 11
4024	LONG64	RD	ms	timestamp [UTC], event 5 input 12

Adresse	Format	RD/WR	Einheit	Bemerkung
4028	LONG64	RD	ms	timestamp [UTC], event 5 input 13
4032	LONG64	RD	ms	timestamp [UTC], event 5 input 14
4036	LONG64	RD	ms	timestamp [UTC], event 5 input 15
4040	SHORT	RD		status, event 5 input 1 (0=off, 1=on)
4041	SHORT	RD		status, event 5 input 2 (0=off, 1=on)
4042	SHORT	RD		status, event 5 input 3 (0=off, 1=on)
4043	SHORT	RD		status, event 5 input 4 (0=off, 1=on)
4044	SHORT	RD		status, event 5 input 5 (0=off, 1=on)
4045	SHORT	RD		status, event 5 input 6 (0=off, 1=on)
4046	SHORT	RD		status, event 5 input 7 (0=off, 1=on)
4047	SHORT	RD		status, event 5 input 8 (0=off, 1=on)
4048	SHORT	RD		status, event 5 input 9 (0=off, 1=on)
4049	SHORT	RD		status, event 5 input 10 (0=off, 1=on)
4050	SHORT	RD		status, event 5 input 11 (0=off, 1=on)
4051	SHORT	RD		status, event 5 input 12 (0=off, 1=on)
4052	SHORT	RD		status, event 5 input 13 (0=off, 1=on)
4053	SHORT	RD		status, event 5 input 14 (0=off, 1=on)
4054	SHORT	RD		status, event 5 input 15 (0=off, 1=on)
4055	LONG64	RD	ms	timestamp [UTC], event 6 input 1
4059	LONG64	RD	ms	timestamp [UTC], event 6 input 2
4063	LONG64	RD	ms	timestamp [UTC], event 6 input 3
4067	LONG64	RD	ms	timestamp [UTC], event 6 input 4
4071	LONG64	RD	ms	timestamp [UTC], event 6 input 5
4075	LONG64	RD	ms	timestamp [UTC], event 6 input 6
4079	LONG64	RD	ms	timestamp [UTC], event 6 input 7
4083	LONG64	RD	ms	timestamp [UTC], event 6 input 8
4087	LONG64	RD	ms	timestamp [UTC], event 6 input 9
4091	LONG64	RD	ms	timestamp [UTC], event 6 input 10
4095	LONG64	RD	ms	timestamp [UTC], event 6 input 11
4099	LONG64	RD	ms	timestamp [UTC], event 6 input 12
4103	LONG64	RD	ms	timestamp [UTC], event 6 input 13
4107	LONG64	RD	ms	timestamp [UTC], event 6 input 14
4111	LONG64	RD	ms	timestamp [UTC], event 6 input 15
4115	SHORT	RD		status, event 6 input 1 (0=off, 1=on)
4116	SHORT	RD		status, event 6 input 2 (0=off, 1=on)
4117	SHORT	RD		status, event 6 input 3 (0=off, 1=on)
4118	SHORT	RD		status, event 6 input 4 (0=off, 1=on)
4119	SHORT	RD		status, event 6 input 5 (0=off, 1=on)
4120	SHORT	RD		status, event 6 input 6 (0=off, 1=on)
4121	SHORT	RD		status, event 6 input 7 (0=off, 1=on)
4122	SHORT	RD		status, event 6 input 8 (0=off, 1=on)
4123	SHORT	RD		status, event 6 input 9 (0=off, 1=on)
4124	SHORT	RD		status, event 6 input 10 (0=off, 1=on)
4125	SHORT	RD		status, event 6 input 11 (0=off, 1=on)
4126	SHORT	RD		status, event 6 input 12 (0=off, 1=on)
4127	SHORT	RD		status, event 6 input 13 (0=off, 1=on)
4128	SHORT	RD		status, event 6 input 14 (0=off, 1=on)
4129	SHORT	RD		status, event 6 input 15 (0=off, 1=on)
4130	LONG64	RD	ms	timestamp [UTC], event 7 input 1
4134	LONG64	RD	ms	timestamp [UTC], event 7 input 2
4138	LONG64	RD	ms	timestamp [UTC], event 7 input 3
4142	LONG64	RD	ms	timestamp [UTC], event 7 input 4
4146	LONG64	RD	ms	timestamp [UTC], event 7 input 5
4150	LONG64	RD	ms	timestamp [UTC], event 7 input 6
4154	LONG64	RD	ms	timestamp [UTC], event 7 input 7
4158	LONG64	RD	ms	timestamp [UTC], event 7 input 8
4162	LONG64	RD	ms	timestamp [UTC], event 7 input 9
4166	LONG64	RD	ms	timestamp [UTC], event 7 input 10
4170	LONG64	RD	ms	timestamp [UTC], event 7 input 11
4174	LONG64	RD	ms	timestamp [UTC], event 7 input 12
4178	LONG64	RD	ms	timestamp [UTC], event 7 input 13
4182	LONG64	RD	ms	timestamp [UTC], event 7 input 14
4186	LONG64	RD	ms	timestamp [UTC], event 7 input 15
4190	SHORT	RD		status, event 7 input 1 (0=off, 1=on)
4191	SHORT	RD		status, event 7 input 2 (0=off, 1=on)
4192	SHORT	RD		status, event 7 input 3 (0=off, 1=on)

Adresse	Format	RD/WR	Einheit	Bemerkung
4193	SHORT	RD		status, event 7 input 4 (0=off, 1=on)
4194	SHORT	RD		status, event 7 input 5 (0=off, 1=on)
4195	SHORT	RD		status, event 7 input 6 (0=off, 1=on)
4196	SHORT	RD		status, event 7 input 7 (0=off, 1=on)
4197	SHORT	RD		status, event 7 input 8 (0=off, 1=on)
4198	SHORT	RD		status, event 7 input 9 (0=off, 1=on)
4199	SHORT	RD		status, event 7 input 10 (0=off, 1=on)
4200	SHORT	RD		status, event 7 input 11 (0=off, 1=on)
4201	SHORT	RD		status, event 7 input 12 (0=off, 1=on)
4202	SHORT	RD		status, event 7 input 13 (0=off, 1=on)
4203	SHORT	RD		status, event 7 input 14 (0=off, 1=on)
4204	SHORT	RD		status, event 7 input 15 (0=off, 1=on)
4205	LONG64	RD	ms	timestamp [UTC], event 8 input 1
4209	LONG64	RD	ms	timestamp [UTC], event 8 input 2
4213	LONG64	RD	ms	timestamp [UTC], event 8 input 3
4217	LONG64	RD	ms	timestamp [UTC], event 8 input 4
4221	LONG64	RD	ms	timestamp [UTC], event 8 input 5
4225	LONG64	RD	ms	timestamp [UTC], event 8 input 6
4229	LONG64	RD	ms	timestamp [UTC], event 8 input 7
4233	LONG64	RD	ms	timestamp [UTC], event 8 input 8
4237	LONG64	RD	ms	timestamp [UTC], event 8 input 9
4241	LONG64	RD	ms	timestamp [UTC], event 8 input 10
4245	LONG64	RD	ms	timestamp [UTC], event 8 input 11
4249	LONG64	RD	ms	timestamp [UTC], event 8 input 12
4253	LONG64	RD	ms	timestamp [UTC], event 8 input 13
4257	LONG64	RD	ms	timestamp [UTC], event 8 input 14
4261	LONG64	RD	ms	timestamp [UTC], event 8 input 15
4265	SHORT	RD		status, event 8 input 1 (0=off, 1=on)
4266	SHORT	RD		status, event 8 input 2 (0=off, 1=on)
4267	SHORT	RD		status, event 8 input 3 (0=off, 1=on)
4268	SHORT	RD		status, event 8 input 4 (0=off, 1=on)
4269	SHORT	RD		status, event 8 input 5 (0=off, 1=on)
4270	SHORT	RD		status, event 8 input 6 (0=off, 1=on)
4271	SHORT	RD		status, event 8 input 7 (0=off, 1=on)
4272	SHORT	RD		status, event 8 input 8 (0=off, 1=on)
4273	SHORT	RD		status, event 8 input 9 (0=off, 1=on)
4274	SHORT	RD		status, event 8 input 10 (0=off, 1=on)
4275	SHORT	RD		status, event 8 input 11 (0=off, 1=on)
4276	SHORT	RD		status, event 8 input 12 (0=off, 1=on)
4277	SHORT	RD		status, event 8 input 13 (0=off, 1=on)
4278	SHORT	RD		status, event 8 input 14 (0=off, 1=on)
4279	SHORT	RD		status, event 8 input 15 (0=off, 1=on)
4280	LONG64	RD	ms	timestamp [UTC], event 9 input 1
4284	LONG64	RD	ms	timestamp [UTC], event 9 input 2
4288	LONG64	RD	ms	timestamp [UTC], event 9 input 3
4292	LONG64	RD	ms	timestamp [UTC], event 9 input 4
4296	LONG64	RD	ms	timestamp [UTC], event 9 input 5
4300	LONG64	RD	ms	timestamp [UTC], event 9 input 6
4304	LONG64	RD	ms	timestamp [UTC], event 9 input 7
4308	LONG64	RD	ms	timestamp [UTC], event 9 input 8
4312	LONG64	RD	ms	timestamp [UTC], event 9 input 9
4316	LONG64	RD	ms	timestamp [UTC], event 9 input 10
4320	LONG64	RD	ms	timestamp [UTC], event 9 input 11
4324	LONG64	RD	ms	timestamp [UTC], event 9 input 12
4328	LONG64	RD	ms	timestamp [UTC], event 9 input 13
4332	LONG64	RD	ms	timestamp [UTC], event 9 input 14
4336	LONG64	RD	ms	timestamp [UTC], event 9 input 15
4340	SHORT	RD		status, event 9 input 1 (0=off, 1=on)
4341	SHORT	RD		status, event 9 input 2 (0=off, 1=on)
4342	SHORT	RD		status, event 9 input 3 (0=off, 1=on)
4343	SHORT	RD		status, event 9 input 4 (0=off, 1=on)
4344	SHORT	RD		status, event 9 input 5 (0=off, 1=on)
4345	SHORT	RD		status, event 9 input 6 (0=off, 1=on)
4346	SHORT	RD		status, event 9 input 7 (0=off, 1=on)
4347	SHORT	RD		status, event 9 input 8 (0=off, 1=on)
4348	SHORT	RD		status, event 9 input 9 (0=off, 1=on)

Adresse	Format	RD/WR	Einheit	Bemerkung
4349	SHORT	RD		status, event 9 input 10 (0=off, 1=on)
4350	SHORT	RD		status, event 9 input 11 (0=off, 1=on)
4351	SHORT	RD		status, event 9 input 12 (0=off, 1=on)
4352	SHORT	RD		status, event 9 input 13 (0=off, 1=on)
4353	SHORT	RD		status, event 9 input 14 (0=off, 1=on)
4354	SHORT	RD		status, event 9 input 15 (0=off, 1=on)
4355	LONG64	RD	ms	timestamp [UTC], event 10 input 1
4359	LONG64	RD	ms	timestamp [UTC], event 10 input 2
4363	LONG64	RD	ms	timestamp [UTC], event 10 input 3
4367	LONG64	RD	ms	timestamp [UTC], event 10 input 4
4371	LONG64	RD	ms	timestamp [UTC], event 10 input 5
4375	LONG64	RD	ms	timestamp [UTC], event 10 input 6
4379	LONG64	RD	ms	timestamp [UTC], event 10 input 7
4383	LONG64	RD	ms	timestamp [UTC], event 10 input 8
4387	LONG64	RD	ms	timestamp [UTC], event 10 input 9
4391	LONG64	RD	ms	timestamp [UTC], event 10 input 10
4395	LONG64	RD	ms	timestamp [UTC], event 10 input 11
4399	LONG64	RD	ms	timestamp [UTC], event 10 input 12
4403	LONG64	RD	ms	timestamp [UTC], event 10 input 13
4407	LONG64	RD	ms	timestamp [UTC], event 10 input 14
4411	LONG64	RD	ms	timestamp [UTC], event 10 input 15
4415	SHORT	RD		status, event 10 input 1 (0=off, 1=on)
4416	SHORT	RD		status, event 10 input 2 (0=off, 1=on)
4417	SHORT	RD		status, event 10 input 3 (0=off, 1=on)
4418	SHORT	RD		status, event 10 input 4 (0=off, 1=on)
4419	SHORT	RD		status, event 10 input 5 (0=off, 1=on)
4420	SHORT	RD		status, event 10 input 6 (0=off, 1=on)
4421	SHORT	RD		status, event 10 input 7 (0=off, 1=on)
4422	SHORT	RD		status, event 10 input 8 (0=off, 1=on)
4423	SHORT	RD		status, event 10 input 9 (0=off, 1=on)
4424	SHORT	RD		status, event 10 input 10 (0=off, 1=on)
4425	SHORT	RD		status, event 10 input 11 (0=off, 1=on)
4426	SHORT	RD		status, event 10 input 12 (0=off, 1=on)
4427	SHORT	RD		status, event 10 input 13 (0=off, 1=on)
4428	SHORT	RD		status, event 10 input 14 (0=off, 1=on)
4429	SHORT	RD		status, event 10 input 15 (0=off, 1=on)
4430	LONG64	RD	ms	timestamp [UTC], event 11 input 1
4434	LONG64	RD	ms	timestamp [UTC], event 11 input 2
4438	LONG64	RD	ms	timestamp [UTC], event 11 input 3
4442	LONG64	RD	ms	timestamp [UTC], event 11 input 4
4446	LONG64	RD	ms	timestamp [UTC], event 11 input 5
4450	LONG64	RD	ms	timestamp [UTC], event 11 input 6
4454	LONG64	RD	ms	timestamp [UTC], event 11 input 7
4458	LONG64	RD	ms	timestamp [UTC], event 11 input 8
4462	LONG64	RD	ms	timestamp [UTC], event 11 input 9
4466	LONG64	RD	ms	timestamp [UTC], event 11 input 10
4470	LONG64	RD	ms	timestamp [UTC], event 11 input 11
4474	LONG64	RD	ms	timestamp [UTC], event 11 input 12
4478	LONG64	RD	ms	timestamp [UTC], event 11 input 13
4482	LONG64	RD	ms	timestamp [UTC], event 11 input 14
4486	LONG64	RD	ms	timestamp [UTC], event 11 input 15
4490	SHORT	RD		status, event 11 input 1 (0=off, 1=on)
4491	SHORT	RD		status, event 11 input 2 (0=off, 1=on)
4492	SHORT	RD		status, event 11 input 3 (0=off, 1=on)
4493	SHORT	RD		status, event 11 input 4 (0=off, 1=on)
4494	SHORT	RD		status, event 11 input 5 (0=off, 1=on)
4495	SHORT	RD		status, event 11 input 6 (0=off, 1=on)
4496	SHORT	RD		status, event 11 input 7 (0=off, 1=on)
4497	SHORT	RD		status, event 11 input 8 (0=off, 1=on)
4498	SHORT	RD		status, event 11 input 9 (0=off, 1=on)
4499	SHORT	RD		status, event 11 input 10 (0=off, 1=on)
4500	SHORT	RD		status, event 11 input 11 (0=off, 1=on)
4501	SHORT	RD		status, event 11 input 12 (0=off, 1=on)
4502	SHORT	RD		status, event 11 input 13 (0=off, 1=on)
4503	SHORT	RD		status, event 11 input 14 (0=off, 1=on)
4504	SHORT	RD		status, event 11 input 15 (0=off, 1=on)



Adresse	Format	RD/WR	Einheit	Bemerkung
4505	LONG64	RD	ms	timestamp [UTC], event 12 input 1
4509	LONG64	RD	ms	timestamp [UTC], event 12 input 2
4513	LONG64	RD	ms	timestamp [UTC], event 12 input 3
4517	LONG64	RD	ms	timestamp [UTC], event 12 input 4
4521	LONG64	RD	ms	timestamp [UTC], event 12 input 5
4525	LONG64	RD	ms	timestamp [UTC], event 12 input 6
4529	LONG64	RD	ms	timestamp [UTC], event 12 input 7
4533	LONG64	RD	ms	timestamp [UTC], event 12 input 8
4537	LONG64	RD	ms	timestamp [UTC], event 12 input 9
4541	LONG64	RD	ms	timestamp [UTC], event 12 input 10
4545	LONG64	RD	ms	timestamp [UTC], event 12 input 11
4549	LONG64	RD	ms	timestamp [UTC], event 12 input 12
4553	LONG64	RD	ms	timestamp [UTC], event 12 input 13
4557	LONG64	RD	ms	timestamp [UTC], event 12 input 14
4561	LONG64	RD	ms	timestamp [UTC], event 12 input 15
4565	SHORT	RD		status, event 12 input 1 (0=off, 1=on)
4566	SHORT	RD		status, event 12 input 2 (0=off, 1=on)
4567	SHORT	RD		status, event 12 input 3 (0=off, 1=on)
4568	SHORT	RD		status, event 12 input 4 (0=off, 1=on)
4569	SHORT	RD		status, event 12 input 5 (0=off, 1=on)
4570	SHORT	RD		status, event 12 input 6 (0=off, 1=on)
4571	SHORT	RD		status, event 12 input 7 (0=off, 1=on)
4572	SHORT	RD		status, event 12 input 8 (0=off, 1=on)
4573	SHORT	RD		status, event 12 input 9 (0=off, 1=on)
4574	SHORT	RD		status, event 12 input 10 (0=off, 1=on)
4575	SHORT	RD		status, event 12 input 11 (0=off, 1=on)
4576	SHORT	RD		status, event 12 input 12 (0=off, 1=on)
4577	SHORT	RD		status, event 12 input 13 (0=off, 1=on)
4578	SHORT	RD		status, event 12 input 14 (0=off, 1=on)
4579	SHORT	RD		status, event 12 input 15 (0=off, 1=on)
4580	LONG64	RD	ms	timestamp [UTC], event 13 input 1
4584	LONG64	RD	ms	timestamp [UTC], event 13 input 2
4588	LONG64	RD	ms	timestamp [UTC], event 13 input 3
4592	LONG64	RD	ms	timestamp [UTC], event 13 input 4
4596	LONG64	RD	ms	timestamp [UTC], event 13 input 5
4600	LONG64	RD	ms	timestamp [UTC], event 13 input 6
4604	LONG64	RD	ms	timestamp [UTC], event 13 input 7
4608	LONG64	RD	ms	timestamp [UTC], event 13 input 8
4612	LONG64	RD	ms	timestamp [UTC], event 13 input 9
4616	LONG64	RD	ms	timestamp [UTC], event 13 input 10
4620	LONG64	RD	ms	timestamp [UTC], event 13 input 11
4624	LONG64	RD	ms	timestamp [UTC], event 13 input 12
4628	LONG64	RD	ms	timestamp [UTC], event 13 input 13
4632	LONG64	RD	ms	timestamp [UTC], event 13 input 14
4636	LONG64	RD	ms	timestamp [UTC], event 13 input 15
4640	SHORT	RD		status, event 13 input 1 (0=off, 1=on)
4641	SHORT	RD		status, event 13 input 2 (0=off, 1=on)
4642	SHORT	RD		status, event 13 input 3 (0=off, 1=on)
4643	SHORT	RD		status, event 13 input 4 (0=off, 1=on)
4644	SHORT	RD		status, event 13 input 5 (0=off, 1=on)
4645	SHORT	RD		status, event 13 input 6 (0=off, 1=on)
4646	SHORT	RD		status, event 13 input 7 (0=off, 1=on)
4647	SHORT	RD		status, event 13 input 8 (0=off, 1=on)
4648	SHORT	RD		status, event 13 input 9 (0=off, 1=on)
4649	SHORT	RD		status, event 13 input 10 (0=off, 1=on)
4650	SHORT	RD		status, event 13 input 11 (0=off, 1=on)
4651	SHORT	RD		status, event 13 input 12 (0=off, 1=on)
4652	SHORT	RD		status, event 13 input 13 (0=off, 1=on)
4653	SHORT	RD		status, event 13 input 14 (0=off, 1=on)
4654	SHORT	RD		status, event 13 input 15 (0=off, 1=on)
4655	LONG64	RD	ms	timestamp [UTC], event 14 input 1
4659	LONG64	RD	ms	timestamp [UTC], event 14 input 2
4663	LONG64	RD	ms	timestamp [UTC], event 14 input 3
4667	LONG64	RD	ms	timestamp [UTC], event 14 input 4
4671	LONG64	RD	ms	timestamp [UTC], event 14 input 5
4675	LONG64	RD	ms	timestamp [UTC], event 14 input 6

Adresse	Format	RD/WR	Einheit	Bemerkung
4679	LONG64	RD	ms	timestamp [UTC], event 14 input 7
4683	LONG64	RD	ms	timestamp [UTC], event 14 input 8
4687	LONG64	RD	ms	timestamp [UTC], event 14 input 9
4691	LONG64	RD	ms	timestamp [UTC], event 14 input 10
4695	LONG64	RD	ms	timestamp [UTC], event 14 input 11
4699	LONG64	RD	ms	timestamp [UTC], event 14 input 12
4703	LONG64	RD	ms	timestamp [UTC], event 14 input 13
4707	LONG64	RD	ms	timestamp [UTC], event 14 input 14
4711	LONG64	RD	ms	timestamp [UTC], event 14 input 15
4715	SHORT	RD		status, event 14 input 1 (0=off, 1=on)
4716	SHORT	RD		status, event 14 input 2 (0=off, 1=on)
4717	SHORT	RD		status, event 14 input 3 (0=off, 1=on)
4718	SHORT	RD		status, event 14 input 4 (0=off, 1=on)
4719	SHORT	RD		status, event 14 input 5 (0=off, 1=on)
4720	SHORT	RD		status, event 14 input 6 (0=off, 1=on)
4721	SHORT	RD		status, event 14 input 7 (0=off, 1=on)
4722	SHORT	RD		status, event 14 input 8 (0=off, 1=on)
4723	SHORT	RD		status, event 14 input 9 (0=off, 1=on)
4724	SHORT	RD		status, event 14 input 10 (0=off, 1=on)
4725	SHORT	RD		status, event 14 input 11 (0=off, 1=on)
4726	SHORT	RD		status, event 14 input 12 (0=off, 1=on)
4727	SHORT	RD		status, event 14 input 13 (0=off, 1=on)
4728	SHORT	RD		status, event 14 input 14 (0=off, 1=on)
4729	SHORT	RD		status, event 14 input 15 (0=off, 1=on)
4730	LONG64	RD	ms	timestamp [UTC], event 15 input 1
4734	LONG64	RD	ms	timestamp [UTC], event 15 input 2
4738	LONG64	RD	ms	timestamp [UTC], event 15 input 3
4742	LONG64	RD	ms	timestamp [UTC], event 15 input 4
4746	LONG64	RD	ms	timestamp [UTC], event 15 input 5
4750	LONG64	RD	ms	timestamp [UTC], event 15 input 6
4754	LONG64	RD	ms	timestamp [UTC], event 15 input 7
4758	LONG64	RD	ms	timestamp [UTC], event 15 input 8
4762	LONG64	RD	ms	timestamp [UTC], event 15 input 9
4766	LONG64	RD	ms	timestamp [UTC], event 15 input 10
4770	LONG64	RD	ms	timestamp [UTC], event 15 input 11
4774	LONG64	RD	ms	timestamp [UTC], event 15 input 12
4778	LONG64	RD	ms	timestamp [UTC], event 15 input 13
4782	LONG64	RD	ms	timestamp [UTC], event 15 input 14
4786	LONG64	RD	ms	timestamp [UTC], event 15 input 15
4790	SHORT	RD		status, event 15 input 1 (0=off, 1=on)
4791	SHORT	RD		status, event 15 input 2 (0=off, 1=on)
4792	SHORT	RD		status, event 15 input 3 (0=off, 1=on)
4793	SHORT	RD		status, event 15 input 4 (0=off, 1=on)
4794	SHORT	RD		status, event 15 input 5 (0=off, 1=on)
4795	SHORT	RD		status, event 15 input 6 (0=off, 1=on)
4796	SHORT	RD		status, event 15 input 7 (0=off, 1=on)
4797	SHORT	RD		status, event 15 input 8 (0=off, 1=on)
4798	SHORT	RD		status, event 15 input 9 (0=off, 1=on)
4799	SHORT	RD		status, event 15 input 10 (0=off, 1=on)
4800	SHORT	RD		status, event 15 input 11 (0=off, 1=on)
4801	SHORT	RD		status, event 15 input 12 (0=off, 1=on)
4802	SHORT	RD		status, event 15 input 13 (0=off, 1=on)
4803	SHORT	RD		status, event 15 input 14 (0=off, 1=on)
4804	SHORT	RD		status, event 15 input 15 (0=off, 1=on)
4805	LONG64	RD	ms	timestamp [UTC], event 16 input 1
4809	LONG64	RD	ms	timestamp [UTC], event 16 input 2
4813	LONG64	RD	ms	timestamp [UTC], event 16 input 3
4817	LONG64	RD	ms	timestamp [UTC], event 16 input 4
4821	LONG64	RD	ms	timestamp [UTC], event 16 input 5
4825	LONG64	RD	ms	timestamp [UTC], event 16 input 6
4829	LONG64	RD	ms	timestamp [UTC], event 16 input 7
4833	LONG64	RD	ms	timestamp [UTC], event 16 input 8
4837	LONG64	RD	ms	timestamp [UTC], event 16 input 9
4841	LONG64	RD	ms	timestamp [UTC], event 16 input 10
4845	LONG64	RD	ms	timestamp [UTC], event 16 input 11
4849	LONG64	RD	ms	timestamp [UTC], event 16 input 12

Adresse	Format	RD/WR	Einheit	Bemerkung
4853	LONG64	RD	ms	timestamp [UTC], event 16 input 13
4857	LONG64	RD	ms	timestamp [UTC], event 16 input 14
4861	LONG64	RD	ms	timestamp [UTC], event 16 input 15
4865	SHORT	RD		status, event 16 input 1 (0=off, 1=on)
4866	SHORT	RD		status, event 16 input 2 (0=off, 1=on)
4867	SHORT	RD		status, event 16 input 3 (0=off, 1=on)
4868	SHORT	RD		status, event 16 input 4 (0=off, 1=on)
4869	SHORT	RD		status, event 16 input 5 (0=off, 1=on)
4870	SHORT	RD		status, event 16 input 6 (0=off, 1=on)
4871	SHORT	RD		status, event 16 input 7 (0=off, 1=on)
4872	SHORT	RD		status, event 16 input 8 (0=off, 1=on)
4873	SHORT	RD		status, event 16 input 9 (0=off, 1=on)
4874	SHORT	RD		status, event 16 input 10 (0=off, 1=on)
4875	SHORT	RD		status, event 16 input 11 (0=off, 1=on)
4876	SHORT	RD		status, event 16 input 12 (0=off, 1=on)
4877	SHORT	RD		status, event 16 input 13 (0=off, 1=on)
4878	SHORT	RD		status, event 16 input 14 (0=off, 1=on)
4879	SHORT	RD		status, event 16 input 15 (0=off, 1=on)
4880	SHORT	RD		status, digital output 1 (0=off, 1=on)
4881	SHORT	RD		status, digital output 2 (0=off, 1=on)
4882	SHORT	RD		status, digital output 3 (0=off, 1=on)

## Sonstige

Adresse	Format	RD/WR	Einheit	Bemerkung
4913	SHORT	RD		overtemperature (0=no, 1=yes)
4914	FLOAT	RD	°C	temperature input
4916	FLOAT	RD	Ohm	temperature input
4918	SHORT	RD		status tariff 1 (0=not active)
4919	SHORT	RD		status tariff 2 (0=not active)
4920	SHORT	RD		status tariff 3 (0=not active)
4921	SHORT	RD		status tariff 4 (0=not active)
4922	SHORT	RD		status tariff 5 (0=not active)
4923	SHORT	RD		status tariff 6 (0=not active)
4924	SHORT	RD		status tariff 7 (0=not active)
4925	SHORT	RD		status tariff 8 (0=not active)
4926	SHORT	RD		status input 1 (0=off, 1=on)
4927	SHORT	RD		status input 2 (0=off, 1=on)
4928	SHORT	RD		status input 3 (0=off, 1=on)
4929	SHORT	RD		status input 4 (0=off, 1=on)
4930	SHORT	RD		status input 5 (0=off, 1=on)
4931	SHORT	RD		status input 6 (0=off, 1=on)
4932	SHORT	RD		status input 7 (0=off, 1=on)
4933	SHORT	RD		status input 8 (0=off, 1=on)
4934	SHORT	RD		status input 9 (0=off, 1=on)
4935	SHORT	RD		status input 10 (0=off, 1=on)
4936	SHORT	RD		status input 11 (0=off, 1=on)
4937	SHORT	RD		status input 12 (0=off, 1=on)
4938	SHORT	RD		status input 13 (0=off, 1=on)
4939	SHORT	RD		status input 14 (0=off, 1=on)
4940	SHORT	RD		status input 15 (0=off, 1=on)
4941	USHORT	RD		status tariff, binary (X000 0000)
4942	SHORT	RD		Bit0 = 1: Battery capacity exhausted. Clock has stopped Bit1 = 1: Battery capacity nearly exhausted. Replace battery. Bit2 = 1: Battery capacity low. Battery should be replaced.

Adresse	Format	RD/WR	Einheit	Bemerkung
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