

Data points for all other measured values (power factor, temperature, frequency, energy etc.)

Description	Data point	Source WL	Source VL	Format	Length (Bit)	Scale	content of DS.Byte
Demand of the power factor	168	Metering	-	signed int	16	-3	DS51.184 DS94.98
Power factor in Phase L1	169	Metering	-	signed int	16	-3	DS94.100
Power factor in Phase L2	170	Metering	-	signed int	16	-3	DS94.102
Power factor in Phase L3	171	Metering	-	signed int	16	-3	DS94.104
Minimum demand of the Power factor	242	Metering	-	signed int	16	-3	DS74.0
Maximum demand of the Power factor	243	Metering	-	signed int	16	-3	DS74.2
Temperature in the cubicle (det. in the COM15)	71	COM15	-	unsigned char	8	0	DS94.114
Minimal temperature in the cubicle	72	COM15	-	unsigned char	8	0	DS77.0
Maximal temperature in the cubicle	73	COM15	-	unsigned char	8	0	DS77.1
Temperature in the circuit breaker (det. in BSS)	330	BSS	-	unsigned char	8	0	DS94.115
Minimal temperature in the circuit breaker	74	COM15	-	unsigned char	8	0	DS77.2
Maximal temperature in the circuit breaker	75	COM15	-	unsigned char	8	0	DS77.3
Real energy in normal direction	238	Metering	-	unsigned long	32	0	DS94.82
Real energy in reverse direction	239	Metering	-	unsigned long	32	0	DS94.86
Reactive energy in normal direction	240	Metering	-	unsigned long	32	0	DS94.90
Reactive energy in reverse direction	241	Metering	-	unsigned long	32	0	DS94.94
Frequency	262	Metering	COM10	unsigned int	16	-2	DS94.106
Minimum of the Frequency	252	Metering	COM10	unsigned int	16	-2	DS76.2
Maximum of the Frequency	253	Metering	COM10	unsigned int	16	-2	DS76.0
THD of the current	254	Metering	-	unsigned char	8	0	DS94.108
Minimum of the THD of the current	255	Metering	-	unsigned char	8	0	DS76.4
Maximum of the THD of the current	256	Metering	-	unsigned char	8	0	DS76.5
THD of the voltages	257	Metering	-	unsigned char	8	0	DS94.109
Minimum of the THD of the voltages	258	Metering	-	unsigned char	8	0	DS76.6
Maximum of the THD of the voltages	259	Metering	-	unsigned char	8	0	DS76.7
Crest factor	260	Metering	-	unsigned char	8	-1	DS94.111
Minimum of the crest factor	263	Metering	-	unsigned char	8	-1	DS72.28
Maximum of the crest factor	264	Metering	-	unsigned char	8	-1	DS72.29
Form factor	261	Metering	-	unsigned char	8	-1	DS94.110
Minimum of the form factor	265	Metering	-	unsigned char	8	-1	DS72.30
Maximum of the form factor	266	Metering	-	unsigned char	8	-1	DS72.31

Table 7-7

The SENTRON circuit breaker supplies a wide range of metering values. To find the requested data point as fast as possible they were categorised in different tables. This table contains all other measured values not included in the tables before.

