

Description

3.10 Ethernet port

Table 3-6 Available measured variables

Offset	Number of tabs	Name	Format	Unit	Value range	Access
1	2	Voltage V_{a-n}	Float	V	-	R
3	2	Voltage V_{b-n}	Float	V	-	R
5	2	Voltage V_{c-n}	Float	V	-	R
7	2	Voltage V_{a-b}	Float	V	-	R
9	2	Voltage V_{b-c}	Float	V	-	R
11	2	Voltage V_{c-a}	Float	V	-	R
13	2	Current a	Float	A	-	R
15	2	Current b	Float	A	-	R
17	2	Current c	Float	A	-	R
19	2	Apparent Power a	Float	VA	-	R
21	2	Apparent Power b	Float	VA	-	R
23	2	Apparent Power c	Float	VA	-	R
25	2	Active Power a	Float	W	-	R
27	2	Active Power b	Float	W	-	R
29	2	Active Power c	Float	W	-	R
31	2	Reactive Power a	Float	var	-	R
33	2	Reactive Power b	Float	var	-	R
35	2	Reactive Power c	Float	var	-	R
37	2	Power Factor a	Float	-	0 ... 1	R
39	2	Power Factor b	Float	-	0 ... 1	R
41	2	Power Factor c	Float	-	0 ... 1	R
43	2	THD-R Voltage a	Float	%	0 ... 100	R
45	2	THD-R Voltage b	Float	%	0 ... 100	R
47	2	THD-R Voltage c	Float	%	0 ... 100	R
49	2	THD-R Current a	Float	%	0 ... 100	R
51	2	THD-R Current b	Float	%	0 ... 100	R
53	2	THD-R Current c	Float	%	0 ... 100	R
55	2	Frequency	Float	Hz	45 ... 65	R
57	2	Average Voltage V_{ph-n}	Float	V	-	R
59	2	Average Voltage V_{ph-ph}	Float	V	-	R
61	2	Average Current	Float	A	-	R
63	2	Total Apparent Power	Float	VA	-	R
65	2	Total Active Power	Float	W	-	R
67	2	Total Reactive Power	Float	var	-	R
69	2	Total Power Factor	Float		-	R
71	2	Amplitude Unbalance - Voltage	Float	%	0 ... 100	R
73	2	Amplitude Unbalance - Current	Float	%	0 ... 200	R
75	2	Maximum Voltage V_{a-n}	Float	V	-	R
77	2	Maximum Voltage V_{b-n}	Float	V	-	R
79	2	Maximum Voltage V_{c-n}	Float	V	-	R

Offset	Number of tabs	Name	Format	Unit	Value range	Access
81	2	Max. Voltage V_{a-b}	Float	V	-	R
83	2	Max. Voltage V_{b-c}	Float	V	-	R
85	2	Max. Voltage V_{c-a}	Float	V	-	R
87	2	Maximum Current a	Float	A	-	R
89	2	Maximum Current b	Float	A	-	R
91	2	Maximum Current c	Float	A	-	R
93	2	Maximum Apparent Power a	Float	VA	-	R
95	2	Maximum Apparent Power b	Float	VA	-	R
97	2	Maximum Apparent Power c	Float	VA	-	R
99	2	Maximum Active Power a	Float	W	-	R
101	2	Maximum Active Power b	Float	W	-	R
103	2	Maximum Active Power c	Float	W	-	R
105	2	Maximum Reactive Power a	Float	var	-	R
107	2	Maximum Reactive Power b	Float	var	-	R
109	2	Maximum Reactive Power c	Float	var	-	R
111	2	Maximum Power Factor a	Float		0 ... 1	R
113	2	Maximum Power Factor b	Float		0 ... 1	R
115	2	Maximum Power Factor c	Float		0 ... 1	R
117	2	Maximum THD-R Voltage a	Float	%	0 ... 100	R
119	2	Maximum THD-R Voltage b	Float	%	0 ... 100	R
121	2	Maximum THD-R Voltage c	Float	%	0 ... 100	R
123	2	Maximum THD-R Current a	Float	%	0 ... 100	R
125	2	Maximum THD-R Current b	Float	%	0 ... 100	R
127	2	Maximum THD-R Current c	Float	%	0 ... 100	R
129	2	Max. Frequency	Float	Hz	45 ... 65	R
131	2	Max. Average Voltage V_{ph-n}	Float	V	-	R
133	2	Max. Average Voltage V_{ph-ph}	Float	V	-	R
135	2	Max. Average Current	Float	A	-	R
137	2	Max. Total Apparent Power	Float	VA	-	R
139	2	Max. Total Active Power	Float	W	-	R
141	2	Max. Total Reactive Power	Float	var	-	R
143	2	Maximum Total Power Factor	Float		-	R
145	2	Minimum Voltage V_{a-n}	Float	V	-	R
147	2	Minimum Voltage V_{b-n}	Float	V	-	R
149	2	Minimum Voltage V_{c-n}	Float	V	-	R
151	2	Min. Voltage V_{a-b}	Float	V	-	R
153	2	Min. Voltage V_{b-c}	Float	V	-	R
155	2	Min. Voltage V_{c-a}	Float	V	-	R
157	2	Minimum Current a	Float	A	-	R
159	2	Minimum Current b	Float	A	-	R
161	2	Minimum Current c	Float	A	-	R

Description

3.10 Ethernet port

Offset	Number of tabs	Name	Format	Unit	Value range	Access
163	2	Minimum Apparent Power a	Float	VA	-	R
165	2	Minimum Apparent Power b	Float	VA	-	R
167	2	Minimum Apparent Power c	Float	VA	-	R
169	2	Minimum Active Power a	Float	W	-	R
171	2	Minimum Active Power b	Float	W	-	R
173	2	Minimum Active Power c	Float	W	-	R
175	2	Minimum Reactive Power a	Float	var	-	R
177	2	Minimum Reactive Power b	Float	var	-	R
179	2	Minimum Reactive Power c	Float	var	-	R
181	2	Minimum Power Factor a	Float	-	0 ... 1	R
183	2	Minimum Power Factor b	Float	-	0 ... 1	R
185	2	Minimum Power Factor c	Float	-	0 ... 1	R
187	2	Min. Frequency	Float	Hz	45 ... 65	R
189	2	Min. Average Voltage V_{ph-n}	Float	V	-	R
191	2	Min. Average Voltage V_{ph-ph}	Float	V	-	R
193	2	Min. Average Current	Float	A	-	R
195	2	Min. Total Apparent Power	Float	VA	-	R
197	2	Min. Total Active Power	Float	W	-	R
199	2	Min. Total Reactive Power	Float	var	-	R
201	2	Minimum Total Power Factor	Float	var	-	R
203	2	Limit Violations*	Unsigned long	-	Byte 3 Bit 0 Limit 0	R
205	2	Device Diagnostics and Device Status*	Unsigned long	-	Byte 0 System status	R
207	2	Status of the Digital Outputs	Unsigned long	-	Byte 3 Bit 0 Output 0	R
209	2	Status of the Digital Inputs	Unsigned long	-	Byte 3 Bit 0 Input 0	R
211	2	Active Tariff	Unsigned long	-	0 = Tariff 1 1 = Tariff 2	R
213	2	Working hours counter	Unsigned long	s	0 ... 999999999	RW
215	2	Universal counter	Unsigned long	-	0 ... 999999999	RW
217	2	Relevant Parameter Changes Counter	Unsigned long	-	-	R
219	2	Counter All Parameter Changes	Unsigned long	-	-	R
221	2	Counter Limit Violations	-	-	-	R
501	2	Demand Active Power - Import	Float	W	-	R
503	2	Demand Reactive Power - Import	Float	var	-	R
505	2	Demand Active Power - Export	Float	W	-	R
507	2	Demand Reactive Power - Export	Float	var	-	R
509	2	Maximum Active Power Reading during the period	Float	W	-	R
511	2	Minimum Active Power Reading during the period	Float	W	-	R
513	2	Maximum Reactive Power Reading during the period	Float	var	-	R