

Modbus C7000common

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	8	8	general error	0/1	ok/error	r	1, (2)
	0	0	hardware type (controller type)	C5000 (4), C6000 (5), C1010 (6), C7000 (10)		r	3, (4)
	1	2	unit-type	0-255	see comment	r	3, (4)
	3	6	SW-version	0..65535	0..65535	r	3, (4)
	5	10	Bus-ID	0..31	0..31	r	3, (4)
	6	12	global adress	whole	positive	r	3, (4)

Modbus C7000IOC

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	0						
			see combined list C7000 common				
	999						
	1000	1000	PC-STOP (monitoring)	0 / 1	maybe on / unit off	rw	1, (2), 5
	1001	1001	REMOTE STOP (contact)	0 / 1	maybe on / unit off	r	1, (2)
	1002	1002	LOCAL STOP	0 / 1	maybe on / unit off	r	1, (2)
	1003	1003	TIMER-STOP (weekly oper.)	0 / 1	maybe on / unit off	r	1, (2)
	1004	1004	SEQ. Stop (0=No, 1=Yes)	0 / 1	maybe on / unit off	r	1, (2)
	1005	1005	WARM UP STOP	0 / 1	maybe on / unit off	r	1, (2)
	1006	1006	Remote UPS	0 / 1	inactive/active	rw	1, (2), 5
	1007	1007	Local UPS	0 / 1	inactive/active	r	2, (1)
	1008	1008	G/CW-mode; G:1, CW:0	0 / 1	CW/G	rw	1, (2)
	1009	1009	manual operation reset	0 / 1	read/write man. op.	rw	1, (2), 5
	1010	1010	common alarm	0 / 1	no alarm / alarm	r	2, (1)
	1011	1011	reset all alarms	0 / 1	reset	rw	1, (2), 5
	1012	1012	manual operation raw output	0 / 1	inactive/active	r	1, (2)
	1013	1013	Unit on / off	0 / 1	off/on	r	2, (1)
	1014	1014	maintenance necessary	0 / 1	no / yes	r	2, (1)
	1022	1022	unit temperature phys. unit	0/1	Celsius/Fahrenheit	r	1, (2)
	1023	1023	unit winter mode	0/1	Summer / Winter	r	2, (1)
	1024	1024	day/night-mode	0/1	day / night	r	2, (1)
	1025	1025	CW2 change-over	0/1	1=force change-over	rw	2, (1)
	1026	1026	CW2 change-over state	0/1	1=change over done	r	2, (1)
	1742	1742	fire alarm common alarm config	0/1		r	1, (2)
	1743	1743	water alarm common alarm config	0/1		r	1, (2)
	1744	1744	phase alarm common alarm config	0/1		r	1, (2)
	1745	1745	maintenance common alarm config	0/1		r	1, (2)
	1746	1746	auto-restart after phase alarm	0/1	inactive/active	r	2, (1)
	1747	1747	waterflow alarm common alarm config	0/1		r	2, (1)
	1748	1748		0/1		r	2, (1)
	1749	1749		0/1		r	2, (1)
	1750	1750	ups action cooling	0/1		r	1, (2)
	1751	1751	ups action heating	0/1		r	1, (2)
	1752	1752	ups action humidification	0/1		r	1, (2)
	1753	1753	ups action dehumidification	0/1		r	1, (2)
	1754	1754	unit cooling	0/1		r	2, (1)
	1755	1755	unit heating	0/1		r	2, (1)
	1756	1756	unit humidification	0/1		r	2, (1)
	1757	1757	unit dehumidification	0/1		r	2, (1)
	1800	1800	DIN1	0 / 1	inactive/active	r	2, (1)
	1801	1801	DIN2	0 / 1	inactive/active	r	2, (1)
	1802	1802	DIN3	0 / 1	inactive/active	r	2, (1)
	1803	1803	DIN4	0 / 1	inactive/active	r	2, (1)
	1804	1804	DIN5	0 / 1	inactive/active	r	2, (1)
	1805	1805	DIN6	0 / 1	inactive/active	r	2, (1)
	1806	1806	DIN7	0 / 1	inactive/active	r	2, (1)
	1807	1807	DIN8	0 / 1	inactive/active	r	2, (1)
	1808	1808	DIN9	0 / 1	inactive/active	r	2, (1)
	1809	1809	DIN10	0 / 1	inactive/active	r	2, (1)
	1810	1810	DIN11	0 / 1	inactive/active	r	2, (1)
	1811	1811	DIN12	0 / 1	inactive/active	r	2, (1)
	1812	1812	DIN13	0 / 1	inactive/active	r	2, (1)
	1813	1813	DIN14	0 / 1	inactive/active	r	2, (1)
	1814	1814	DIN15	0 / 1	inactive/active	r	2, (1)
	1815	1815	DIN16	0 / 1	inactive/active	r	2, (1)
	1816	1816	DIN17	0 / 1	inactive/active	r	2, (1)
	1817	1817	DIN18	0 / 1	inactive/active	r	2, (1)
	1818	1818	DIN19	0 / 1	inactive/active	r	2, (1)
	1819	1819	DIN20	0 / 1	inactive/active	r	2, (1)
	1820	1820	DIN21	0 / 1	inactive/active	r	2, (1)
	1821	1821	DIN22	0 / 1	inactive/active	r	2, (1)
	1822	1822	DIN23	0 / 1	inactive/active	r	2, (1)
	1823	1823	DIN24	0 / 1	inactive/active	r	2, (1)
	1824	1824	DIN25	0 / 1	inactive/active	r	2, (1)
	1825	1825	DIN26	0 / 1	inactive/active	r	2, (1)
	1826	1826	DIN27	0 / 1	inactive/active	r	2, (1)
	1827	1827	DIN28	0 / 1	inactive/active	r	2, (1)
	1828	1828	DIN29	0 / 1	inactive/active	r	2, (1)
	1829	1829	DIN30	0 / 1	inactive/active	r	2, (1)
	1830	1830	DIN31	0 / 1	inactive/active	r	2, (1)
	1831	1831	DIN32	0 / 1	inactive/active	r	2, (1)
	1832	1832	DIN33	0 / 1	inactive/active	r	2, (1)
	1833	1833	DIN34	0 / 1	inactive/active	r	2, (1)

Modbus C7000IOC

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	1834	1834	DIN35	0 / 1	inactive/active	r	2, (1)
	1835	1835	DIN36	0 / 1	inactive/active	r	2, (1)
	1836	1836	DIN37	0 / 1	inactive/active	r	2, (1)
	1837	1837	DIN38	0 / 1	inactive/active	r	2, (1)
	1838	1838	DIN39	0 / 1	inactive/active	r	2, (1)
	1839	1839	DIN40	0 / 1	inactive/active	r	2, (1)
	1840	1840	DIN41	0 / 1	inactive/active	r	2, (1)
	1841	1841	DIN42	0 / 1	inactive/active	r	2, (1)
	1842	1842	DIN43	0 / 1	inactive/active	r	2, (1)
	1843	1843	DOU1	0 / 1	inactive/active	r	1, (2)
	1844	1844	DOU2	0 / 1	inactive/active	r	1, (2)
	1845	1845	DOU3	0 / 1	inactive/active	r	1, (2)
	1846	1846	DOU4	0 / 1	inactive/active	r	1, (2)
	1847	1847	DOU5	0 / 1	inactive/active	r	1, (2)
	1848	1848	DOU6	0 / 1	inactive/active	r	1, (2)
	1849	1849	DOU7	0 / 1	inactive/active	r	1, (2)
	1850	1850	DOU8	0 / 1	inactive/active	r	1, (2)
	1851	1851	DOU9	0 / 1	inactive/active	r	1, (2)
	1852	1852	DOU10	0 / 1	inactive/active	r	1, (2)
	1853	1853	DOU11	0 / 1	inactive/active	r	1, (2)
	1854	1854	DOU12	0 / 1	inactive/active	r	1, (2)
	1855	1855	DOU13	0 / 1	inactive/active	r	1, (2)
	1856	1856	DOU14	0 / 1	inactive/active	r	1, (2)
	1857	1857	DOU15	0 / 1	inactive/active	r	1, (2)
	1858	1858	DOU16	0 / 1	inactive/active	r	1, (2)
	1859	1859	DOU17	0 / 1	inactive/active	r	1, (2)
	1860	1860	DOU18	0 / 1	inactive/active	r	1, (2)
	1861	1861	DOU19	0 / 1	inactive/active	r	1, (2)
	1862	1862	DOU20	0 / 1	inactive/active	r	1, (2)
	1863	1863	DOU21	0 / 1	inactive/active	r	1, (2)
	1864	1864	DOU22	0 / 1	inactive/active	r	1, (2)
	1865	1865	DOU23	0 / 1	inactive/active	r	1, (2)
	1866	1866	DOU24	0 / 1	inactive/active	r	1, (2)
	1867	1867	DOU25	0 / 1	inactive/active	r	1, (2)
	1868	1868	DOU26	0 / 1	inactive/active	r	1, (2)
	1869	1869	DOU27	0 / 1	inactive/active	r	1, (2)
	1870	1870	DOU28	0 / 1	inactive/active	r	1, (2)
	1871	1871	DOU29	0 / 1	inactive/active	r	1, (2)
	1872	1872	DOU30	0 / 1	inactive/active	r	1, (2)
	1873	1873	DOU31	0 / 1	inactive/active	r	1, (2)
	2200	2200	airflow 1	0 / 1	ok/alarm	r	2, (1)
	2201	2201	airflow 2	0 / 1	ok/alarm	r	2, (1)
	2202	2202	airflow 3	0 / 1	ok/alarm	r	2, (1)
	2203	2203	highpressure 1	0 / 1	ok/alarm	r	2, (1)
	2204	2204	highpressure 2	0 / 1	ok/alarm	r	2, (1)
	2205	2205	highpressure 3	0 / 1	ok/alarm	r	2, (1)
	2206	2206	water detector	0 / 1	ok/alarm	r	2, (1)
	2207	2207	Phasecheck	0 / 1	ok/alarm	r	2, (1)
	2208	2208	fire/smoke	0 / 1	ok/alarm	r	2, (1)
	2216	2216	return air temp. too high alarm	0 / 1	ok/alarm	r	2, (1)
	2217	2217	return air humid. too high alarm	0 / 1	ok/alarm	r	2, (1)
	2218	2218	supply air temp. too high alarm	0 / 1	ok/alarm	r	2, (1)
	2219	2219	supply air humid. too high alarm	0 / 1	ok/alarm	r	2, (1)
	2220	2220	water temp. too high alarm	0 / 1	ok/alarm	r	2, (1)
	2221	2221	return air temp. too low alarm	0 / 1	ok/alarm	r	2, (1)
	2222	2222	return air humid. too low alarm	0 / 1	ok/alarm	r	2, (1)
	2223	2223	supply air temp. too low alarm	0 / 1	ok/alarm	r	2, (1)
	2224	2224	supply air humid. too low alarm	0 / 1	ok/alarm	r	2, (1)
	2225	2225	water temp. too low alarm	0 / 1	ok/alarm	r	2, (1)
	2226	2226	freeze alarm	0 / 1	ok/alarm	r	2, (1)
	2284	2284	limit; return air temp. too high common alar	0 / 1		r	1, (2)
	2285	2285	limit; return air temp. too low common alarm	0 / 1		r	2, (1)
	2286	2286	limit; supply air temp. too high common ala	0 / 1		r	2, (1)
	2287	2287	limit; supply air temp. too low common alar	0 / 1		r	1, (2)
	2288	2288	limit; water temp. too high common alarm o	0 / 1		r	1, (2)
	2292	2292	limit; supply air humid. too high common al	0 / 1		r	1, (2)
	2293	2293	limit; supply air humid. too low common ala	0 / 1		r	2, (1)
	2300	2300	sensor config. active	0 / 1		r	1, (2)
	2301	2301	sensor limit alarm	0 / 1	ok/alarm	r	2, (1)
	2302	2302	sensor defect alarm	0 / 1	ok/alarm	r	2, (1)
	2303	2303	sensor defect common alarm config	0 / 1		r	1, (2)
	2304	2304	sensor limit common alarm config	0 / 1		r	1, (2)
	2400	2400	sensor config. active	0 / 1		r	1, (2)
	2401	2401	sensor limit alarm	0 / 1		r	2, (1)

Modbus C7000IOC

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	2402	2402	sensor defect alarm	0 / 1		r	2, (1)
	2403	2403	sensor defect common alarm config	0 / 1		r	1, (2)
	2404	2404	sensor limit common alarm config	0 / 1		r	1, (2)
	2500	2500	sensor config. active	0 / 1		r	1, (2)
	2501	2501	sensor limit alarm	0 / 1		r	2, (1)
	2502	2502	sensor defect alarm	0 / 1		r	2, (1)
	2503	2503	sensor defect common alarm config	0 / 1		r	1, (2)
	2504	2504	sensor limit common alarm config	0 / 1		r	1, (2)
	2600	2600	sensor config. active	0 / 1		r	1, (2)
	2601	2601	sensor limit alarm	0 / 1		r	2, (1)
	2602	2602	sensor defect alarm	0 / 1		r	2, (1)
	2603	2603	sensor defect common alarm config	0 / 1		r	1, (2)
	2604	2604	sensor limit common alarm config	0 / 1		r	1, (2)
	2700	2700	sensor config. active	0 / 1		r	1, (2)
	2701	2701	sensor limit alarm	0 / 1		r	2, (1)
	2702	2702	sensor defect alarm	0 / 1		r	2, (1)
	2703	2703	sensor defect common alarm config	0 / 1		r	1, (2)
	2704	2704	sensor limit common alarm config	0 / 1		r	1, (2)
	2800	2800	sensor config. active	0 / 1		r	1, (2)
	2801	2801	sensor limit alarm	0 / 1		r	2, (1)
	2802	2802	sensor defect alarm	0 / 1		r	2, (1)
	2803	2803	sensor defect common alarm config	0 / 1		r	1, (2)
	2804	2804	sensor limit common alarm config	0 / 1		r	1, (2)
	2900	2900	sensor config. active	0 / 1		r	1, (2)
	2901	2901	sensor limit alarm	0 / 1		r	2, (1)
	2902	2902	sensor defect alarm	0 / 1		r	2, (1)
	2903	2903	sensor defect common alarm config	0 / 1		r	1, (2)
	2904	2904	sensor limit common alarm config	0 / 1		r	1, (2)
	3000	3000	sensor config. active	0 / 1		r	1, (2)
	3001	3001	sensor limit alarm	0 / 1		r	2, (1)
	3002	3002	sensor defect alarm	0 / 1		r	2, (1)
	3003	3003	sensor defect common alarm config	0 / 1		r	1, (2)
	3004	3004	sensor limit common alarm config	0 / 1		r	1, (2)
	3100	3100	sensor config. active	0 / 1		r	1, (2)
	3101	3101	sensor limit alarm	0 / 1		r	2, (1)
	3102	3102	sensor defect alarm	0 / 1		r	2, (1)
	3103	3103	sensor defect common alarm config	0 / 1		r	1, (2)
	3104	3104	sensor limit common alarm config	0 / 1		r	1, (2)
	3200	3200	sensor config. active	0 / 1		r	1, (2)
	3201	3201	sensor limit alarm	0 / 1		r	2, (1)
	3202	3202	sensor defect alarm	0 / 1		r	2, (1)
	3203	3203	sensor defect common alarm config	0 / 1		r	1, (2)
	3204	3204	sensor limit common alarm config	0 / 1		r	1, (2)
	3300	3300	sensor config. active	0 / 1		r	1, (2)
	3301	3301	sensor limit alarm	0 / 1		r	2, (1)
	3302	3302	sensor defect alarm	0 / 1		r	2, (1)
	3303	3303	sensor defect common alarm config	0 / 1		r	1, (2)
	3304	3304	sensor limit common alarm config	0 / 1		r	1, (2)
	3400	3400	sensor config. active	0 / 1		r	1, (2)
	3401	3401	sensor limit alarm	0 / 1		r	2, (1)
	3402	3402	sensor defect alarm	0 / 1		r	2, (1)
	3403	3403	sensor defect common alarm config	0 / 1		r	1, (2)
	3404	3404	sensor limit common alarm config	0 / 1		r	1, (2)
	3500	3500	sensor config. active	0 / 1		r	1, (2)
	3501	3501	sensor limit alarm	0 / 1		r	2, (1)
	3502	3502	sensor defect alarm	0 / 1		r	2, (1)
	3503	3503	sensor defect common alarm config	0 / 1		r	1, (2)
	3504	3504	sensor limit common alarm config	0 / 1		r	1, (2)
	3600	3600	sensor config. active	0 / 1		r	1, (2)
	3601	3601	sensor limit alarm	0 / 1		r	2, (1)
	3602	3602	sensor defect alarm	0 / 1		r	2, (1)
	3603	3603	sensor defect common alarm config	0 / 1		r	1, (2)
	3604	3604	sensor limit common alarm config	0 / 1		r	1, (2)
	3700	3700	sensor config. active	0 / 1		r	1, (2)
	3701	3701	sensor limit alarm	0 / 1		r	2, (1)
	3702	3702	sensor defect alarm	0 / 1		r	2, (1)
	3703	3703	sensor defect common alarm config	0 / 1		r	1, (2)
	3704	3704	sensor limit common alarm config	0 / 1		r	1, (2)
	3800	3800	sensor config. active	0 / 1		r	1, (2)
	3801	3801	sensor limit alarm	0 / 1		r	2, (1)
	3802	3802	sensor defect alarm	0 / 1		r	2, (1)
	3803	3803	sensor defect common alarm config	0 / 1		r	1, (2)
	3804	3804	sensor limit common alarm config	0 / 1		r	1, (2)
	3900	3900	sensor config. active	0 / 1		r	1, (2)

Modbus C7000IOC

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	3901	3901	sensor limit alarm	0 / 1		r	2, (1)
	3902	3902	sensor defect alarm	0 / 1		r	2, (1)
	3903	3903	sensor defect common alarm config	0 / 1		r	1, (2)
	3904	3904	sensor limit common alarm config	0 / 1		r	1, (2)
	4000	4000	sensor config. active	0 / 1		r	1, (2)
	4001	4001	sensor limit alarm	0 / 1		r	2, (1)
	4002	4002	sensor defect alarm	0 / 1		r	2, (1)
	4003	4003	sensor defect common alarm config	0 / 1		r	1, (2)
	4004	4004	sensor limit common alarm config	0 / 1		r	1, (2)
	4100	4100	sensor config. active	0 / 1		r	1, (2)
	4101	4101	sensor limit alarm	0 / 1		r	2, (1)
	4102	4102	sensor defect alarm	0 / 1		r	2, (1)
	4103	4103	sensor defect common alarm config	0 / 1		r	1, (2)
	4104	4104	sensor limit common alarm config	0 / 1		r	1, (2)
	4200	4200	sensor config. active	0 / 1		r	1, (2)
	4201	4201	sensor limit alarm	0 / 1		r	2, (1)
	4202	4202	sensor defect alarm	0 / 1		r	2, (1)
	4203	4203	sensor defect common alarm config	0 / 1		r	1, (2)
	4204	4204	sensor limit common alarm config	0 / 1		r	1, (2)
	4300	4300	sensor config. active	0 / 1		r	1, (2)
	4301	4301	sensor limit alarm	0 / 1		r	2, (1)
	4302	4302	sensor defect alarm	0 / 1		r	2, (1)
	4303	4303	sensor defect common alarm config	0 / 1		r	1, (2)
	4304	4304	sensor limit common alarm config	0 / 1		r	1, (2)
	4400	4400	compressor1 config. active	0 / 1		r	1, (2)
	4401	4401	compr.1 manual operation active	0 / 1		rw	1, (2), 5
	4402	4402	compr.1 manual operation state	0 / 1		rw	1, (2), 5
	4403	4403	compr.1 running	0 / 1		r	2, (1)
	4404	4404	compr. 1 alarm	0 / 1	ok/alarm	r	2, (1)
	4405	4405	compr.1 low press. Alarm	0 / 1	ok/alarm	r	2, (1)
	4407	4407	compr. 1 common alarm config	0 / 1		r	1, (2)
	4408	4408	compr. 1 low press. common alarm config	0 / 1		r	1, (2)
	4500	4500	compressor 2 config. active	0 / 1		r	1, (2)
	4501	4501	compr. 2 manual operation active	0 / 1		rw	1, (2), 5
	4502	4502	compr. 2 manual operation state	0 / 1		rw	1, (2), 5
	4503	4503	compr. 2 running	0 / 1		r	2, (1)
	4504	4504	compr. 2 alarm	0 / 1		r	2, (1)
	4505	4505	compr. 2 low press. Alarm	0 / 1		r	2, (1)
	4507	4507	compr. 2 common alarm config	0 / 1		r	1, (2)
	4508	4508	compr. 2 low press. common alarm config	0 / 1		r	1, (2)
	4600	4600	suctionvalve1 config. Active	0 / 1		r	1, (2)
	4601	4601	suctionvalve1 manual operation active	0 / 1		rw	1, (2), 5
	4700	4700	suctionvalve2 config. Active	0 / 1		r	1, (2)
	4701	4701	suctionvalve2 manual operation active	0 / 1		rw	1, (2), 5
	4800	4800	elec.-heating1 config active	0 / 1		r	1, (2)
	4801	4801	elec.-heating1 manual operation active	0 / 1		rw	1, (2), 5
	4802	4802	elec.-heating1 alarm	0 / 1		r	2, (1)
	4803	4803	elec.-heating1 running	0 / 1		r	2, (1)
	4804	4804	elec.-heating1 manual operation running	0 / 1		rw	1, (2), 5
	4805	4805	elec.-heating1 common alarm config	0 / 1		r	1, (2)
	4900	4900	elec.-heating2 config active	0 / 1		r	1, (2)
	4901	4901	elec.-heating2 manual operation active	0 / 1		rw	1, (2), 5
	4902	4902	elec.-heating2 alarm	0 / 1		r	2, (1)
	4903	4903	elec.-heating2 running	0 / 1		r	2, (1)
	4904	4904	elec.-heating2 manual operation running	0 / 1		rw	1, (2), 5
	4905	4905	elec.-heating2 common alarm config	0 / 1		r	1, (2)
	5000	5000	elec.-heating3 config active	0 / 1		r	1, (2)
	5001	5001	elec.-heating3 manual operation active	0 / 1		rw	1, (2), 5
	5002	5002	elec.-heating3 alarm	0 / 1		r	2, (1)
	5003	5003	elec.-heating3 running	0 / 1		r	2, (1)
	5004	5004	elec.-heating3 manual operation running	0 / 1		rw	1, (2), 5
	5005	5005	elec.-heating3 common alarm config	0 / 1		r	1, (2)
	5100	5100	elec.-heating4 config active	0 / 1		r	1, (2)
	5101	5101	elec.-heating4 manual operation active	0 / 1		rw	1, (2), 5
	5102	5102	elec.-heating4 alarm	0 / 1		r	2, (1)
	5103	5103	elec.-heating4 running	0 / 1		r	2, (1)
	5104	5104	elec.-heating4 manual operation running	0 / 1		rw	1, (2), 5
	5105	5105	elec.-heating4 common alarm config	0 / 1		r	1, (2)
	5200	5200	GE/CW-valve config active	0 / 1		r	1, (2)
	5201	5201	GE/CW-valve manual operation active	0 / 1		rw	1, (2), 5
	5202	5202	GE/CW-valve close with compr.-start	0 / 1		r	1, (2)
	5300	5300	G-valve config active	0 / 1		r	1, (2)
	5301	5301	G-valve manual operation active	0 / 1		rw	1, (2), 5
	5400	5400	drycooler1 config active	0 / 1		r	1, (2)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	5401	5401	drycooler1 manual operation active	0 / 1		rw	1, (2), 5
	5402	5402	drycooler1 running	0 / 1		r	2, (1)
	5403	5403	drycooler1 alarm	0 / 1		r	2, (1)
	5404	5404	drycooler1 manual operation running	0 / 1		rw	1, (2), 5
	5405	5405	drycooler1 common alarm config	0 / 1		r	1, (2)
	5500	5500	drycooler2 config active	0 / 1		r	1, (2)
	5501	5501	drycooler2 manual operation active	0 / 1		rw	1, (2), 5
	5502	5502	drycooler2 running	0 / 1		r	2, (1)
	5503	5503	drycooler2 alarm	0 / 1		r	2, (1)
	5504	5504	drycooler2 manual operation running	0 / 1		rw	1, (2), 5
	5505	5505	drycooler2 common alarm config	0 / 1		r	1, (2)
	5600	5600	drycooler3 config active	0 / 1		r	1, (2)
	5601	5601	drycooler3 manual operation active	0 / 1		rw	1, (2), 5
	5602	5602	drycooler3 running	0 / 1		r	2, (1)
	5603	5603	drycooler3 alarm	0 / 1		r	2, (1)
	5604	5604	drycooler3 manual operation running	0 / 1		rw	1, (2), 5
	5605	5605	drycooler3 common alarm config	0 / 1		r	1, (2)
	5700	5700	drycooler4 config active	0 / 1		r	1, (2)
	5701	5701	drycooler4 manual operation active	0 / 1		rw	1, (2), 5
	5702	5702	drycooler4 running	0 / 1		r	2, (1)
	5703	5703	drycooler4 alarm	0 / 1		r	2, (1)
	5704	5704	drycooler4 manual operation running	0 / 1		rw	1, (2), 5
	5705	5705	drycooler4 common alarm config	0 / 1		r	1, (2)
	5800	5800	pump1 config active	0 / 1		r	1, (2)
	5801	5801	pump1 manual operation active	0 / 1		rw	1, (2), 5
	5802	5802	pump1 running	0 / 1		r	2, (1)
	5803	5803	pump1 alarm	0 / 1		r	2, (1)
	5804	5804	pump1 common alarm config	0 / 1		r	1, (2)
	5900	5900	pump2 config active	0 / 1		r	1, (2)
	5901	5901	pump2 manual operation active	0 / 1		rw	1, (2), 5
	5902	5902	pump2 running	0 / 1		r	2, (1)
	5903	5903	pump2 alarm	0 / 1		r	2, (1)
	5904	5904	pump2 common alarm config	0 / 1		r	1, (2)
	6000	6000	pump3 config active	0 / 1		r	1, (2)
	6001	6001	pump3 manual operation active	0 / 1		rw	1, (2), 5
	6002	6002	pump3 running	0 / 1		r	2, (1)
	6003	6003	pump3 alarm	0 / 1		r	2, (1)
	6004	6004	pump3 common alarm config	0 / 1		r	1, (2)
	6100	6100	pump4 config active	0 / 1		r	1, (2)
	6101	6101	pump4 manual operation active	0 / 1		rw	1, (2), 5
	6102	6102	pump4 running	0 / 1		r	2, (1)
	6103	6103	pump4 alarm	0 / 1		r	2, (1)
	6104	6104	pump4 common alarm config	0 / 1		r	1, (2)
	6200	6200	hotgas-heating config active	0 / 1		r	1, (2)
	6201	6201	hotgas-heating manual operation active	0 / 1		rw	1, (2), 5
	6202	6202	hotgas-heating running	0 / 1		r	2, (1)
	6203	6203	hotgas-heating manual operation running	0 / 1		rw	1, (2), 5
	6205	6205	hotgas-heating common alarm config	0 / 1		r	1, (2)
	6300	6300	PWW-heating config active	0 / 1		r	1, (2)
	6301	6301	PWW-heating manual operation active	0 / 1		rw	1, (2), 5
	6302	6302	PWW-heating running	0 / 1		r	2, (1)
	6303	6303	PWW-heating manual operation running	0 / 1		rw	1, (2), 5
	6400	6400	humidifier1 config active	0 / 1		r	1, (2)
	6401	6401	humidifier1 manual operation active	0 / 1		rw	1, (2), 5
	6402	6402	humidifier1 running	0 / 1		r	2, (1)
	6403	6403	humidifier1 alarm	0 / 1		r	2, (1)
	6404	6404	humidifier1 manual operation running	0 / 1		rw	1, (2), 5
	6405	6405	humidifier1 common alarm config	0 / 1		r	1, (2)
	6408	6408	humidifier1 20µS common alarm config	0 / 1		r	1, (2)
	6409	6409	humidifier1 alarm 5µS	0 / 1		r	1, (2)
	6410	6410	humidifier1 alarm 20µS	0 / 1		r	1, (2)
	6500	6500	humidifier2 config active	0 / 1		r	1, (2)
	6501	6501	humidifier2 manual operation active	0 / 1		rw	1, (2), 5
	6502	6502	humidifier2 running	0 / 1		r	2, (1)
	6503	6503	humidifier2 alarm	0 / 1		r	2, (1)
	6504	6504	humidifier2 manual operation running	0 / 1		rw	1, (2), 5
	6505	6505	humidifier2 common alarm config	0 / 1		r	1, (2)
	6508	6508	humidifier2 20µS common alarm config	0 / 1		r	1, (2)
	6509	6509	humidifier1 alarm 5µS	0 / 1		r	1, (2)
	6510	6510	humidifier1 alarm 20µS	0 / 1		r	1, (2)
	6600	6600	humidifier3 config active	0 / 1		r	1, (2)
	6601	6601	humidifier3 manual operation active	0 / 1		rw	1, (2), 5
	6602	6602	humidifier3 running	0 / 1		r	2, (1)
	6603	6603	humidifier3 alarm	0 / 1		r	2, (1)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	6604	6604	humidifier3 manual operation running	0 / 1		rw	1, (2), 5
	6605	6605	humidifier3 common alarm config	0 / 1		r	1, (2)
	6608	6608	humidifier3 20µS common alarm config	0 / 1		r	1, (2)
	6609	6609	humidifier1 alarm 5µS	0 / 1		r	1, (2)
	6610	6610	humidifier1 alarm 20µS	0 / 1		r	1, (2)
	6700	6700	humidifier4 config active	0 / 1		r	1, (2)
	6701	6701	humidifier4 manual operation active	0 / 1		rw	1, (2), 5
	6702	6702	humidifier4 running	0 / 1		r	2, (1)
	6703	6703	humidifier4 alarm	0 / 1		r	2, (1)
	6704	6704	humidifier4 manual operation running	0 / 1		rw	1, (2), 5
	6705	6705	humidifier4 common alarm config	0 / 1		r	1, (2)
	6708	6708	humidifier4 20µS common alarm config	0 / 1		r	1, (2)
	6709	6709	humidifier1 alarm 5µS	0 / 1		r	1, (2)
	6710	6710	humidifier1 alarm 20µS	0 / 1		r	1, (2)
	6800	6800	dehumidification valve config active	0 / 1		r	1, (2)
	6801	6801	dehumidification manual operation active	0 / 1		rw	1, (2), 5
	6802	6802	dehumidification running	0 / 1		r	2, (1)
	6803	6803	dehumidifier alarm	0 / 1		r	2, (1)
	6804	6804	dehumidification manual operation running	0 / 1		rw	1, (2), 5
	6900	6900	fan1 config active	0 / 1		r	1, (2)
	6901	6901	fan1 manual operation active	0 / 1		rw	1, (2), 5
	6902	6902	fan1 running	0 / 1		r	2, (1)
	6903	6903	fan1 alarm	0 / 1		r	2, (1)
	6904	6904	fan1 filter alarm	0 / 1		r	2, (1)
	6905	6905	fan1 manual operation running	0 / 1		rw	1, (2), 5
	6906	6906	fan1 common alarm config	0 / 1		r	1, (2)
	6907	6907	fan1 filter common alarm config	0 / 1		r	1, (2)
	7000	7000	fan2 config active	0 / 1		r	1, (2)
	7001	7001	fan2 manual operation active	0 / 1		rw	1, (2), 5
	7002	7002	fan2 running	0 / 1		r	2, (1)
	7003	7003	fan2 alarm	0 / 1		r	2, (1)
	7004	7004	fan2 filter alarm	0 / 1		r	2, (1)
	7005	7005	fan2 manual operation running	0 / 1		rw	1, (2), 5
	7006	7006	fan2 common alarm config	0 / 1		r	1, (2)
	7007	7007	fan2 filter common alarm config	0 / 1		r	1, (2)
	7100	7100	fan3 config active	0 / 1		r	1, (2)
	7101	7101	fan3 manual operation active	0 / 1		rw	1, (2), 5
	7102	7102	fan3 running	0 / 1		r	2, (1)
	7103	7103	fan3 alarm	0 / 1		r	2, (1)
	7104	7104	fan3 filter alarm	0 / 1		r	2, (1)
	7105	7105	fan3 manual operation running	0 / 1		rw	1, (2), 5
	7106	7106	fan3 common alarm config	0 / 1		r	1, (2)
	7107	7107	fan3 filter common alarm config	0 / 1		r	1, (2)
	7200	7200	louver1 config active	0 / 1		r	1, (2)
	7201	7201	louver1 manual operation active	0 / 1		rw	1, (2), 5
	7202	7202	louver1 open	0 / 1		r	2, (1)
	7203	7203	louver1 manual operation open	0 / 1		rw	1, (2), 5
	7300	7300	louver2 config active	0 / 1		r	1, (2)
	7301	7301	louver2 manual operation active	0 / 1		rw	1, (2), 5
	7302	7302	louver2 open	0 / 1		r	2, (1)
	7303	7303	louver2 manual operation open	0 / 1		rw	1, (2), 5
	7400	7400	louver3 config active	0 / 1		r	1, (2)
	7401	7401	louver3 manual operation active	0 / 1		rw	1, (2), 5
	7402	7402	louver3 open	0 / 1		r	2, (1)
	7403	7403	louver3 manual operation open	0 / 1		rw	1, (2), 5
	7500	7500	ext. alarm config active 1	0 / 1		r	1, (2)
	7501	7501	ext. alarm manual operation active 1	0 / 1		r	1, (2)
	7502	7502	ext. alarm active 1	0 / 1		r	2, (1)
	7503	7503	ext. alarm manual operation active 1	0 / 1		r	1, (2)
	7504	7504	ext. Alarm 1 common alarm config	0 / 1		r	1, (2)
	7600	7600	ext. alarm config active 2	0 / 1		r	1, (2)
	7601	7601	ext. alarm manual operation active 2	0 / 1		r	1, (2)
	7602	7602	ext. alarm active 2	0 / 1		r	2, (1)
	7603	7603	ext. alarm manual operation active 2	0 / 1		r	1, (2)
	7604	7604	ext. alarm 2 common alarm config	0 / 1		r	1, (2)
	7700	7700	ext. alarm config active 3	0 / 1		r	1, (2)
	7701	7701	ext. alarm manual operation active 3	0 / 1		r	1, (2)
	7702	7702	ext. alarm active 3	0 / 1		r	2, (1)
	7703	7703	ext. alarm manual operation active 3	0 / 1		r	1, (2)
	7704	7704	ext. alarm 3 common alarm config	0 / 1		r	1, (2)
	7800	7800	ext. alarm config active 4	0 / 1		r	1, (2)
	7801	7801	ext. alarm manual operation active 4	0 / 1		r	1, (2)
	7802	7802	ext. alarm active 4	0 / 1		r	2, (1)
	7803	7803	ext. alarm manual operation active 4	0 / 1		r	1, (2)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	7804	7804	ext. alarm 4 common alarm config	0 / 1		r	1, (2)
	7900	7900	ext. alarm config active 5	0 / 1		r	1, (2)
	7901	7901	ext. alarm manual operation active 5	0 / 1		r	1, (2)
	7902	7902	ext. alarm active 5	0 / 1		r	2, (1)
	7903	7903	ext. alarm manual operation active 5	0 / 1		r	1, (2)
	7904	7904	ext. alarm 5 common alarm config	0 / 1		r	1, (2)
	8000	8000	ext. alarm config active 6	0 / 1		r	1, (2)
	8001	8001	ext. alarm manual operation active 6	0 / 1		r	1, (2)
	8002	8002	ext. alarm active 6	0 / 1		r	2, (1)
	8003	8003	ext. alarm manual operation active 6	0 / 1		r	1, (2)
	8004	8004	ext. alarm 6 common alarm config	0 / 1		r	1, (2)
	8100	8100	ext. alarm config active 7	0 / 1		r	1, (2)
	8101	8101	ext. alarm manual operation active 7	0 / 1		r	1, (2)
	8102	8102	ext. alarm active 7	0 / 1		r	2, (1)
	8103	8103	ext. alarm manual operation active 7	0 / 1		r	1, (2)
	8104	8104	ext. alarm 7 common alarm config	0 / 1		r	1, (2)
	8200	8200	ext. alarm config active 8	0 / 1		r	1, (2)
	8201	8201	ext. alarm manual operation active 8	0 / 1		r	1, (2)
	8202	8202	ext. alarm active 8	0 / 1		r	2, (1)
	8203	8203	ext. alarm manual operation active 8	0 / 1		r	1, (2)
	8204	8204	ext. alarm 8 common alarm config	0 / 1		r	1, (2)
	8300	8300	ext. alarm config active 9	0 / 1		r	1, (2)
	8301	8301	ext. alarm manual operation active 9	0 / 1		r	1, (2)
	8302	8302	ext. alarm active 9	0 / 1		r	2, (1)
	8303	8303	ext. alarm manual operation active 9	0 / 1		r	1, (2)
	8304	8304	ext. alarm 9 common alarm config	0 / 1		r	1, (2)
	8400	8400	ext. alarm config active 10	0 / 1		r	1, (2)
	8401	8401	ext. alarm manual operation active 10	0 / 1		r	1, (2)
	8402	8402	ext. alarm active 10	0 / 1		r	2, (1)
	8403	8403	ext. alarm manual operation active 10	0 / 1		r	1, (2)
	8404	8404	ext. alarm 10 common alarm config	0 / 1		r	1, (2)
	8505	8505	water detector	0 / 1	ok/alarm	r	1, 2
	8506	8506	Phasecheck	0 / 1	ok/alarm	r	1, 2
	8507	8507	fire/smoke	0 / 1	ok/alarm	r	1, 2
	8508	8508	return air temp. too high alarm	0 / 1	ok/alarm	r	1, 2
	8509	8509	return air humid. too high alarm	0 / 1	ok/alarm	r	1, 2
	8510	8510	supply air temp. too high alarm	0 / 1	ok/alarm	r	1, 2
	8511	8511	supply air humid. too high alarm	0 / 1	ok/alarm	r	1, 2
	8512	8512	water temp. too high alarm	0 / 1	ok/alarm	r	1, 2
	8513	8513	return air temp. too low alarm	0 / 1	ok/alarm	r	1, 2
	8514	8514	return air humid. too low alarm	0 / 1	ok/alarm	r	1, 2
	8515	8515	supply air temp. too low alarm	0 / 1	ok/alarm	r	1, 2
	8516	8516	supply air humid. too low alarm	0 / 1	ok/alarm	r	1, 2
	8517	8517	water temp. too low alarm	0 / 1	ok/alarm	r	1, 2
	8518	8518	sensor 1 limit alarm	0 / 1	ok/alarm	r	1, 2
	8519	8519	sensor 2 limit alarm	0 / 1	ok/alarm	r	1, 2
	8520	8520	sensor 3 limit alarm	0 / 1	ok/alarm	r	1, 2
	8521	8521	sensor 4 limit alarm	0 / 1	ok/alarm	r	1, 2
	8522	8522	sensor 5 limit alarm	0 / 1	ok/alarm	r	1, 2
	8523	8523	sensor 6 limit alarm	0 / 1	ok/alarm	r	1, 2
	8524	8524	sensor 7 limit alarm	0 / 1	ok/alarm	r	1, 2
	8525	8525	sensor 8 limit alarm	0 / 1	ok/alarm	r	1, 2
	8526	8526	sensor 9 limit alarm	0 / 1	ok/alarm	r	1, 2
	8527	8527	sensor 10 limit alarm	0 / 1	ok/alarm	r	1, 2
	8528	8528	sensor 11 limit alarm	0 / 1	ok/alarm	r	1, 2
	8529	8529	sensor 12 limit alarm	0 / 1	ok/alarm	r	1, 2
	8530	8530	sensor 13 limit alarm	0 / 1	ok/alarm	r	1, 2
	8531	8531	sensor 14 limit alarm	0 / 1	ok/alarm	r	1, 2
	8532	8532	sensor 15 limit alarm	0 / 1	ok/alarm	r	1, 2
	8533	8533	sensor 16 limit alarm	0 / 1	ok/alarm	r	1, 2
	8534	8534	sensor 17 limit alarm	0 / 1	ok/alarm	r	1, 2
	8535	8535	sensor 18 limit alarm	0 / 1	ok/alarm	r	1, 2
	8536	8536	sensor 19 limit alarm	0 / 1	ok/alarm	r	1, 2
	8537	8537	sensor 20 limit alarm	0 / 1	ok/alarm	r	1, 2
	8538	8538	sensor 21 limit alarm	0 / 1	ok/alarm	r	1, 2
	8539	8539	sensor 1 defect alarm	0 / 1	ok/alarm	r	1, 2
	8540	8540	sensor 2 defect alarm	0 / 1	ok/alarm	r	1, 2
	8541	8541	sensor 3 defect alarm	0 / 1	ok/alarm	r	1, 2
	8542	8542	sensor 4 defect alarm	0 / 1	ok/alarm	r	1, 2
	8543	8543	sensor 5 defect alarm	0 / 1	ok/alarm	r	1, 2
	8544	8544	sensor 6 defect alarm	0 / 1	ok/alarm	r	1, 2
	8545	8545	sensor 7 defect alarm	0 / 1	ok/alarm	r	1, 2
	8546	8546	sensor 8 defect alarm	0 / 1	ok/alarm	r	1, 2
	8547	8547	sensor 9 defect alarm	0 / 1	ok/alarm	r	1, 2

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	8548	8548	sensor 10 defect alarm	0 / 1	ok/alarm	r	1, 2
	8549	8549	sensor 11 defect alarm	0 / 1	ok/alarm	r	1, 2
	8550	8550	sensor 12 defect alarm	0 / 1	ok/alarm	r	1, 2
	8551	8551	sensor 13 defect alarm	0 / 1	ok/alarm	r	1, 2
	8552	8552	sensor 14 defect alarm	0 / 1	ok/alarm	r	1, 2
	8553	8553	sensor 15 defect alarm	0 / 1	ok/alarm	r	1, 2
	8554	8554	sensor 16 defect alarm	0 / 1	ok/alarm	r	1, 2
	8555	8555	sensor 17 defect alarm	0 / 1	ok/alarm	r	1, 2
	8556	8556	sensor 18 defect alarm	0 / 1	ok/alarm	r	1, 2
	8557	8557	sensor 19 defect alarm	0 / 1	ok/alarm	r	1, 2
	8558	8558	sensor 20 defect alarm	0 / 1	ok/alarm	r	1, 2
	8559	8559	sensor 21 defect alarm	0 / 1	ok/alarm	r	1, 2
	8560	8560	compr. 1 alarm	0 / 1	ok/alarm	r	1, 2
	8561	8561	compr. 2 alarm	0 / 1	ok/alarm	r	1, 2
	8562	8562	compr.1 low press. Alarm	0 / 1	ok/alarm	r	1, 2
	8563	8563	compr.2 low press. Alarm	0 / 1	ok/alarm	r	1, 2
	8564	8564	elec.-heating1 alarm	0 / 1	ok/alarm	r	1, 2
	8565	8565	elec.-heating2 alarm	0 / 1	ok/alarm	r	1, 2
	8566	8566	elec.-heating3 alarm	0 / 1	ok/alarm	r	1, 2
	8567	8567	elec.-heating4 alarm	0 / 1	ok/alarm	r	1, 2
	8568	8568	drycooler1 alarm	0 / 1	ok/alarm	r	1, 2
	8569	8569	drycooler2 alarm	0 / 1	ok/alarm	r	1, 2
	8570	8570	drycooler3 alarm	0 / 1	ok/alarm	r	1, 2
	8571	8571	drycooler4 alarm	0 / 1	ok/alarm	r	1, 2
	8572	8572	pump1 alarm	0 / 1	ok/alarm	r	1, 2
	8573	8573	pump2 alarm	0 / 1	ok/alarm	r	1, 2
	8574	8574	pump3 alarm	0 / 1	ok/alarm	r	1, 2
	8575	8575	pump4 alarm	0 / 1	ok/alarm	r	1, 2
	8576	8576	humidifier1 alarm	0 / 1	ok/alarm	r	1, 2
	8577	8577	humidifier2 alarm	0 / 1	ok/alarm	r	1, 2
	8578	8578	humidifier3 alarm	0 / 1	ok/alarm	r	1, 2
	8579	8579	humidifier1 alarm 5µS	0 / 1	ok/alarm	r	1, 2
	8580	8580	humidifier2 alarm 5µS	0 / 1	ok/alarm	r	1, 2
	8581	8581	humidifier3 alarm 5µS	0 / 1	ok/alarm	r	1, 2
	8582	8582	humidifier1 alarm 20µS	0 / 1	ok/alarm	r	1, 2
	8583	8583	humidifier2 alarm 20µS	0 / 1	ok/alarm	r	1, 2
	8584	8584	humidifier3 alarm 20µS	0 / 1	ok/alarm	r	1, 2
	8585	8585	fan1 alarm	0 / 1	ok/alarm	r	1, 2
	8586	8586	fan2 alarm	0 / 1	ok/alarm	r	1, 2
	8587	8587	fan3 alarm	0 / 1	ok/alarm	r	1, 2
	8588	8588	fan1 filter alarm	0 / 1	ok/alarm	r	1, 2
	8589	8589	fan2 filter alarm	0 / 1	ok/alarm	r	1, 2
	8590	8590	fan3 filter alarm	0 / 1	ok/alarm	r	1, 2
	8591	8591	ext. Alarm 1 active	0 / 1	ok/alarm	r	1, 2
	8592	8592	ext. Alarm 2 active	0 / 1	ok/alarm	r	1, 2
	8593	8593	ext. Alarm 3 active	0 / 1	ok/alarm	r	1, 2
	8594	8594	ext. Alarm 4 active	0 / 1	ok/alarm	r	1, 2
	8595	8595	ext. Alarm 5 active	0 / 1	ok/alarm	r	1, 2
	8596	8596	ext. Alarm 6 active	0 / 1	ok/alarm	r	1, 2
	8597	8597	ext. Alarm 7 active	0 / 1	ok/alarm	r	1, 2
	8598	8598	ext. Alarm 8 active	0 / 1	ok/alarm	r	1, 2
	8599	8599	ext. Alarm 9 active	0 / 1	ok/alarm	r	1, 2
	8600	8600	ext. Alarm 10 active	0 / 1	ok/alarm	r	1, 2
	8601	8601	hotgas-heating alarm	0 / 1	ok/alarm	r	1, 2
	8602	8602	eev1 pressure sensor error	0 / 1	ok/alarm	r	1, 2
	8603	8603	eev1 temperature sensor error	0 / 1	ok/alarm	r	1, 2
	8604	8604	eev1 stepper motor error	0 / 1	ok/alarm	r	1, 2
	8605	8605	eev2 pressure sensor error	0 / 1	ok/alarm	r	1, 2
	8606	8606	eev2 temperature sensor error	0 / 1	ok/alarm	r	1, 2
	8607	8607	eev2 stepper motor error	0 / 1	ok/alarm	r	1, 2
	8608	8608	waterflow failure	0 / 1	ok/alarm	r	1, 2
	8700	8700	eev1 config active	0 / 1		r	1, (2)
	8701	8701	eev1 battery supply	0 / 1		r	1, (2), 5
	8702	8702	eev1 MOP control	0 / 1		r	2, (1)
	8703	8703	eev1 superheat control mode	0 / 1		r	2, (1)
	8704	8704	eev1 manual operation	0 / 1		r	1, (2)
	8705	8705	eev1 pressure sensor error	0 / 1		r	1, (2)
	8706	8706	eev1 temperature sensor error	0 / 1		r	1, (2)
	8707	8707	eev1 stepper motor error	0 / 1		r	1, (2)
	8800	8800	eev2 config active	0 / 1		r	1, (2)
	8801	8801	eev2 battery supply	0 / 1		r	1, (2), 5
	8802	8802	eev2 MOP control	0 / 1		r	2, (1)
	8803	8803	eev2 superheat control mode	0 / 1		r	2, (1)
	8804	8804	eev2 manual operation	0 / 1		r	1, (2)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	8805	8805	eev2 pressure sensor error	0 / 1		r	1, (2)
	8806	8806	eev2 temperature sensor error	0 / 1		r	1, (2)
	8807	8807	eev2 stepper motor error	0 / 1		r	1, (2)
	8900	8900	valout config. active (reserved)	0 / 1		r	1, (2)
	9000	9000	valout config. active (reserved)	0 / 1		r	1, (2)
	9100	9100	valout config. active (reserved)	0 / 1		r	1, (2)
	9200	9200	valout config. active (reserved)	0 / 1		r	1, (2)
	11800	11800	emergency operation active	0 / 1		r	2, (1)
	1016	2032	unit year	0..99	2000..2099	r	3, (4)
	1017	2034	unit month	1..12		r	3, (4)
	1018	2036	unit day	1..31		r	3, (4)
	1019	2038	unit hour	0..23		r	3, (4)
	1020	2040	unit minute	0..59		r	3, (4)
	1021	2042	unit second	0..59		r	3, (4)
	1030	2060	IOC service language	0/1	English / German	r	3, (4)
	1031	2062	PT display language	0/1	English / German	r	3, (4)
	1160	2320	unit last maintenance year	0..99	2000..2099	r	3, (4)
	1161	2322	unit last maintenance month	1..12		r	3, (4)
	1162	2324	unit last maintenance day	1..31		r	3, (4)
	1163	2326	unit maintenance intervall	0..20	0=disabled; 1..20months	r	3, (4)
	1164	2328	unit runtime unit	0..0xFFFFFFFF	hours	r	3, (4)
	1165	2330	unit stoptime unit	0..0xFFFFFFFF	hours	r	3, (4)
	1166	2332	unit runtime cooling	0..0xFFFFFFFF	hours	r	3, (4)
	1167	2334	unit runtime heating	0..0xFFFFFFFF	hours	r	3, (4)
	1168	2336	unit runtime humidification	0..0xFFFFFFFF	hours	r	3, (4)
	1169	2338	unit runtime dehumidification	0..0xFFFFFFFF	hours	r	3, (4)
	1170	2340	unit temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
	1171	2342	unit humidity	0..1000	0..100,0%rF	r	4, (3)
	1172	2344	unit emergency temperature	0..400	0..40,0°C	r	3, (4)
	1173	2346	unit setpoint temperature day	50..500	5,0..50,0°C	rw	3, (4), 16
	1174	2348	unit setpoint temperature night	50..500	5,0..50,0°C	rw	3, (4), 16
	1175	2350	unit setpoint temperature corrected	-1000..1000	-100,0..100,0°C	r	3, (4)
	1176	2352	unit setpoint humidity	50..900	5,0..90,0%rF	rw	3, (4), 16
	1177	2354	unit setpoint humidity 2			rw	3, (4), 16
	1178	2356	unit setpoint humidity corrected	0..1000	0..100,0%rF	r	3, (4)
					room, supply, room (sup.lim), sup. (room lim.), water		
	1183	2366	unit control type	1..5	press	r	3, (4)
	1184	2368	limited control: start temperature	0..400	0..40,0°C	r	3, (4)
	1185	2370	limited control: lineary range temperature	0..200	0,0K..20,0K	r	3, (4)
	1186	2372	limited control: start humidity	0..900	0,0..90,0%rF	r	3, (4)
	1187	2374	limited control: lineary range humidity	0..200	0,0%..20,0%	r	3, (4)
	1188	2376	unit winter-mode starttemp	50..350	5,0..35,0°C	r	3, (4)
	1189	2378	unit winter-mode hysteresis	10..99	1,0..9,9K	r	3, (4)
	1190	2380	unit integral factor	0..10	0..10%	r	3, (4)
	1191	2382	unit water in temperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)
	1192	2384	unit return air temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
	1193	2386	unit supply air temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
	1194	2388	unit return air humidity	0..1000	0,0..100,0%rF	r	4, (3)
	1195	2390	unit supply air humidity	0..1000	0,0..100,0%rF	r	4, (3)
	1196	2392	unit outside air temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
	1197	2394	unit outside air humidity	0..1000	0,0..100,0%rF	r	4, (3)
	1198	2396	unit cooling priority	0..2	GE / CW / DX	r	3, (4)
	1199	2398	outside temperature for pressure	50..350	5,0..35,0°C	r	3, (4)
	1200	2400	gradient for pressure	0..200	0,0..20,0	r	3, (4)
	1201	2402	keypad control unit	0..31	bus-adr	r	3, (4)
	1202	2404	unit water in temperature 2	-1000..1000	-100,0..100,0°C	r	4, (3)
	1203	2406	unit runtime freecooling	0..0xFFFFFFFF	hours	r	3, (4)
	1204	2408	unit runtime freecool-mixmode	0..0xFFFFFFFF	hours	r	3, (4)
	1206	2412	unit water out temperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)
	1207	2414	unit water out temperature 2	-1000..1000	-100,0..100,0°C	r	4, (3)
	1208	2416	current raised floor pressure	0..1000	0..1000Pa	r	4, (3)
	1209	2418	setpoint raised floor pressure	0..1000	0..1000Pa	rw	3, (4), 16
	1210	2420	universal temperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)
	1700	3400	common alarm DOUT	0..31		r	3, (4)
	1701	3402	winter mode DOUT	0..31		r	3, (4)
	1702	3404	remote on/off DIN	0..42		r	3, (4)
	1703	3406	ups DIN	0..42		r	3, (4)
	1704	3408	fire alarm DIN	0..42		r	3, (4)
	1705	3410	water alarm DIN	0..42		r	3, (4)
	1707	3414	phase alarm DIN	0..42		r	3, (4)
	1708	3416	CW-disable/DX-enable DIN	0..42		r	3, (4)
	1709	3418	temperature AOUT	0..20		r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	1710	3420	humidity AOUT	0..20		r	3, (4)
	1711	3422	fire alarm priorities	0..31		r	3, (4)
	1712	3424	fire alarm delay	0..100	seconds	r	3, (4)
	1713	3426	water alarm priorities	0..31		r	3, (4)
	1714	3428	water alarm delay	0..100	seconds	r	3, (4)
	1715	3430	phase alarm priorities	0..31		r	3, (4)
	1716	3432	phase alarm delay	0..100	seconds	r	3, (4)
	1719	3438	waterflow alarm priority	0..31		r	3, (4)
	1720	3440	waterflow alarm delay	0..100	seconds	r	3, (4)
	1758	3516	number of EDIO	0..4	0..4	r	4, (3)
	1759	3518	number of EAIO	0..4	0..4	r	4, (3)
	1760	3520	type of EBUS	0..1	0: none; 1: RS485	r	4, (3)
	1900	3800	AIN1	0..4095		r	4, (3)
	1901	3802	AIN2	0..4095		r	4, (3)
	1902	3804	AIN3	0..4095		r	4, (3)
	1903	3806	AIN4	0..4095		r	4, (3)
	1904	3808	AIN5	0..4095		r	4, (3)
	1905	3810	AIN6	0..4095		r	4, (3)
	1906	3812	AIN7	0..4095		r	4, (3)
	1907	3814	AIN8	0..4095		r	4, (3)
	1908	3816	AIN9	0..4095		r	4, (3)
	1909	3818	AIN10	0..4095		r	4, (3)
	1910	3820	AIN11	0..4095		r	4, (3)
	1911	3822	AIN12	0..4095		r	4, (3)
	1912	3824	AIN13	0..4095		r	4, (3)
	1913	3826	AIN14	0..4095		r	4, (3)
	1914	3828	AIN15	0..4095		r	4, (3)
	1915	3830	AIN16	0..4095		r	4, (3)
	1916	3832	AIN17	0..4095		r	4, (3)
	1917	3834	AIN18	0..4095		r	4, (3)
	1918	3836	AIN19	0..4095		r	4, (3)
	1919	3838	AIN20	0..4095		r	4, (3)
	1920	3840	AIN21	0..4095		r	4, (3)
	1921	3842	AOUT1	0..4095		r	3, (4)
	1922	3844	AOUT2	0..4095		r	3, (4)
	1923	3846	AOUT3	0..4095		r	3, (4)
	1924	3848	AOUT4	0..4095		r	3, (4)
	1925	3850	AOUT5	0..4095		r	3, (4)
	1926	3852	AOUT6	0..4095		r	3, (4)
	1927	3854	AOUT7	0..4095		r	3, (4)
	1928	3856	AOUT8	0..4095		r	3, (4)
	1929	3858	AOUT9	0..4095		r	3, (4)
	1930	3860	AOUT10	0..4095		r	3, (4)
	1931	3862	AOUT11	0..4095		r	3, (4)
	1932	3864	AOUT12	0..4095		r	3, (4)
	1933	3866	AOUT13	0..4095		r	3, (4)
	1934	3868	AOUT14	0..4095		r	3, (4)
	1935	3870	AOUT15	0..4095		r	3, (4)
	1936	3872	AOUT16	0..4095		r	3, (4)
	1937	3874	AOUT17	0..4095		r	3, (4)
	1938	3876	AOUT18	0..4095		r	3, (4)
	1939	3878	AOUT19	0..4095		r	3, (4)
	1940	3880	AOUT20	0..4095		r	3, (4)
	2000	4000	config. Of DIN1			r	4, (3)
	2001	4002	config. Of DIN2			r	4, (3)
	2002	4004	config. Of DIN3			r	4, (3)
	2003	4006	config. Of DIN4			r	4, (3)
	2004	4008	config. Of DIN5			r	4, (3)
	2005	4010	config. Of DIN6			r	4, (3)
	2006	4012	config. Of DIN7			r	4, (3)
	2007	4014	config. Of DIN8			r	4, (3)
	2008	4016	config. Of DIN9			r	4, (3)
	2009	4018	config. Of DIN10			r	4, (3)
	2010	4020	config. Of DIN11			r	4, (3)
	2011	4022	config. Of DIN12			r	4, (3)
	2012	4024	config. Of DIN13			r	4, (3)
	2013	4026	config. Of DIN14			r	4, (3)
	2014	4028	config. Of DIN15			r	4, (3)
	2015	4030	config. Of DIN16			r	4, (3)
	2016	4032	config. Of DIN17			r	4, (3)
	2017	4034	config. Of DIN18			r	4, (3)
	2018	4036	config. Of DIN19			r	4, (3)
	2019	4038	config. Of DIN20			r	4, (3)
	2020	4040	config. Of DIN21			r	4, (3)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	2021	4042	config. Of DIN22			r	4, (3)
	2022	4044	config. Of DIN23			r	4, (3)
	2023	4046	config. Of DIN24			r	4, (3)
	2024	4048	config. Of DIN25			r	4, (3)
	2025	4050	config. Of DIN26			r	4, (3)
	2026	4052	config. Of DIN27			r	4, (3)
	2027	4054	config. Of DIN28			r	4, (3)
	2028	4056	config. Of DIN29			r	4, (3)
	2029	4058	config. Of DIN30			r	4, (3)
	2030	4060	config. Of DIN31			r	4, (3)
	2031	4062	config. Of DIN32			r	4, (3)
	2032	4064	config. Of DIN33			r	4, (3)
	2033	4066	config. Of DIN34			r	4, (3)
	2034	4068	config. Of DIN35			r	4, (3)
	2035	4070	config. Of DIN36			r	4, (3)
	2036	4072	config. Of DIN37			r	4, (3)
	2037	4074	config. Of DIN38			r	4, (3)
	2038	4076	config. Of DIN39			r	4, (3)
	2039	4078	config. Of DIN40			r	4, (3)
	2040	4080	config. Of DIN41			r	4, (3)
	2041	4082	config. Of DIN42			r	4, (3)
	2042	4084	config. Of DIN43			r	4, (3)
	2043	4086	config. Of DOUT1			r	4, (3)
	2044	4088	config. Of DOUT2			r	4, (3)
	2045	4090	config. Of DOUT3			r	4, (3)
	2046	4092	config. Of DOUT4			r	4, (3)
	2047	4094	config. Of DOUT5			r	4, (3)
	2048	4096	config. Of DOUT6			r	4, (3)
	2049	4098	config. Of DOUT7			r	4, (3)
	2050	4100	config. Of DOUT8			r	4, (3)
	2051	4102	config. Of DOUT9			r	4, (3)
	2052	4104	config. Of DOUT10			r	4, (3)
	2053	4106	config. Of DOUT11			r	4, (3)
	2054	4108	config. Of DOUT12			r	4, (3)
	2055	4110	config. Of DOUT13			r	4, (3)
	2056	4112	config. Of DOUT14			r	4, (3)
	2057	4114	config. Of DOUT15			r	4, (3)
	2058	4116	config. Of DOUT16			r	4, (3)
	2059	4118	config. Of DOUT17			r	4, (3)
	2060	4120	config. Of DOUT18			r	4, (3)
	2061	4122	config. Of DOUT19			r	4, (3)
	2062	4124	config. Of DOUT20			r	4, (3)
	2063	4126	config. Of DOUT21			r	4, (3)
	2064	4128	config. Of DOUT22			r	4, (3)
	2065	4130	config. Of DOUT23			r	4, (3)
	2066	4132	config. Of DOUT24			r	4, (3)
	2067	4134	config. Of DOUT25			r	4, (3)
	2068	4136	config. Of DOUT26			r	4, (3)
	2069	4138	config. Of DOUT27			r	4, (3)
	2070	4140	config. Of DOUT28			r	4, (3)
	2071	4142	config. Of DOUT29			r	4, (3)
	2072	4144	config. Of DOUT30			r	4, (3)
	2073	4146	config. Of DOUT31			r	4, (3)
	2074	4148	config. Of AIN1			r	4, (3)
	2075	4150	config. Of AIN2			r	4, (3)
	2076	4152	config. Of AIN3			r	4, (3)
	2077	4154	config. Of AIN4			r	4, (3)
	2078	4156	config. Of AIN5			r	4, (3)
	2079	4158	config. Of AIN6			r	4, (3)
	2080	4160	config. Of AIN7			r	4, (3)
	2081	4162	config. Of AIN8			r	4, (3)
	2082	4164	config. Of AIN9			r	4, (3)
	2083	4166	config. Of AIN10			r	4, (3)
	2084	4168	config. Of AIN11			r	4, (3)
	2085	4170	config. Of AIN12			r	4, (3)
	2086	4172	config. Of AIN13			r	4, (3)
	2087	4174	config. Of AIN14			r	4, (3)
	2088	4176	config. Of AIN15			r	4, (3)
	2089	4178	config. Of AIN16			r	4, (3)
	2090	4180	config. Of AIN17			r	4, (3)
	2091	4182	config. Of AIN18			r	4, (3)
	2092	4184	config. Of AIN19			r	4, (3)
	2093	4186	config. Of AIN20			r	4, (3)
	2094	4188	config. Of AIN21			r	4, (3)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	2095	4190	config. Of AOUT1			r	4, (3)
	2096	4192	config. Of AOUT2			r	4, (3)
	2097	4194	config. Of AOUT3			r	4, (3)
	2098	4196	config. Of AOUT4			r	4, (3)
	2099	4198	config. Of AOUT5			r	4, (3)
	2100	4200	config. Of AOUT6			r	4, (3)
	2101	4202	config. Of AOUT7			r	4, (3)
	2102	4204	config. Of AOUT8			r	4, (3)
	2103	4206	config. Of AOUT9			r	4, (3)
	2104	4208	config. Of AOUT10			r	4, (3)
	2105	4210	config. Of AOUT11			r	4, (3)
	2106	4212	config. Of AOUT12			r	4, (3)
	2107	4214	config. Of AOUT13			r	4, (3)
	2108	4216	config. Of AOUT14			r	4, (3)
	2109	4218	config. Of AOUT15			r	4, (3)
	2110	4220	config. Of AOUT16			r	4, (3)
	2111	4222	config. Of AOUT17			r	4, (3)
	2112	4224	config. Of AOUT18			r	4, (3)
	2113	4226	config. Of AOUT19			r	4, (3)
	2114	4228	config. Of AOUT20			r	4, (3)
	2232	4464	unit evaporation temperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)
	2233	4466	unit evaporation pressure 1	0..1000	0,0..100,0bar	r	4, (3)
	2234	4468	unit condensation temperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)
	2235	4470	unit condensation pressure 1	0..1000	0,0..100,0bar	r	4, (3)
	2236	4472	unit electronic-expansion-valve 1			r	4, (3)
	2237	4474	unit electronic-expansion-valve 2			r	4, (3)
	2238	4476	unit freecooling-valve			r	4, (3)
	2239	4478	limit; return air temp. too high alarm	150..500	15,0..50,0°C	r	3, (4)
	2240	4480	limit; return air temp. too low alarm	0..200	0,0..20,0°C	r	3, (4)
	2241	4482	limit; supply air temp. too high alarm	50..500	5,0..50,0°C	r	3, (4)
	2242	4484	limit; supply air temp. too low alarm	0..200	0,0..20,0°C	r	3, (4)
	2243	4486	limit; water temp. too high alarm	100..500	10,0..50,0°C	r	3, (4)
	2244	4488	limit; water temp. too low alarm	-200..300	-20,0..30,0°C	r	3, (4)
	2245	4490	limit; return air humid. too high alarm	500..1000	50,0..100,0%rF	r	3, (4)
	2246	4492	limit; return air humid. too low alarm	0..500	0,0..50,0%rF	r	3, (4)
	2247	4494	limit; supply air humid. too high alarm	500..1000	50,0..100,0%rF	r	3, (4)
	2248	4496	limit; supply air humid. too low alarm	0..500	0,0..50,0%rF	r	3, (4)
	2249	4498	lowpressure winterdelay	0..300	seconds	r	3, (4)
	2250	4500	unit condensation pressure 2	0..1000	0,0..100,0bar	r	4, (3)
	2251	4502	unit overload switch on by temp	0..99	0,0..9,9K	r	3, (4)
	2252	4504	limit; return air temp. too high alarm priorities	0..31		r	3, (4)
	2253	4506	limit; return air temp. too high alarm delay	0..100	seconds	r	3, (4)
	2254	4508	limit; return air temp. too low alarm priorities	0..31		r	3, (4)
	2255	4510	limit; return air temp. too low alarm delay	0..100	seconds	r	3, (4)
	2256	4512	limit; supply air temp. too high alarm priorities	0..31		r	3, (4)
	2257	4514	limit; supply air temp. too high alarm delay	0..100	seconds	r	3, (4)
	2258	4516	limit; supply air temp. too low alarm priorities	0..31		r	3, (4)
	2259	4518	limit; supply air temp. too low alarm delay	0..100	seconds	r	3, (4)
	2260	4520	limit; water temp. too high alarm priorities	0..31		r	3, (4)
	2261	4522	limit; water temp. too high alarm delay	0..100	seconds	r	3, (4)
	2262	4524	limit; water temp. too low alarm priorities	0..31		r	3, (4)
	2263	4526	limit; water temp. too low alarm delay	0..100	seconds	r	3, (4)
	2264	4528	limit; return air humid. too high alarm priorities	0..31		r	3, (4)
	2265	4530	limit; return air humid. too high alarm delay	0..100	seconds	r	3, (4)
	2266	4532	limit; return air humid. too low alarm priorities	0..31		r	3, (4)
	2267	4534	limit; return air humid. too low alarm delay	0..100	seconds	r	3, (4)
	2268	4536	limit; supply air humid. too high alarm priorities	0..31		r	3, (4)
	2269	4538	limit; supply air humid. too high alarm delay	0..100	seconds	r	3, (4)
	2270	4540	limit; supply air humid. too low alarm priorities	0..31		r	3, (4)
	2271	4542	limit; supply air humid. too low alarm delay	0..100	seconds	r	3, (4)
	2272	4544	unit condensation temperature 2	-1000..1000	-100,0..100,0°C	r	4, (3)
	2273	4546	unit evaporation pressure 2	0..1000	0,0..100,0bar	r	4, (3)
	2274	4548	unit evaporation temperature 2	-1000..1000	-100,0..100,0°C	r	4, (3)
	2275	4550	unit overload switch on by humidity	0..200	0,0..20,0%rF	r	3, (4)
	2308	4616	sensor purpose/use	1..23	#####	r	3, (4)
	2309	4618	sensor type	1..5		r	3, (4)
	2310	4620	sensor analog input	0..21		r	3, (4)
	2311	4622	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
	2312	4624	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
	2313	4626	sensor min phys. value	-1000..1000	-100,0..100,0°C/%rF/bar	r	3, (4)
	2314	4628	sensor max phys. value	-1000..1000	-100,0..100,0°C/%rF/bar	r	3, (4)
	2315	4630	sensor tolerance	0..100	percent	r	3, (4)
	2316	4632	sensor alarm priorities	0..31		r	3, (4)
	2317	4634	sensor alarm delay	0..100	seconds	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	2318	4636	sensor failure alarm priorities	0..31		r	3, (4)
	2319	4638	sensor failure alarm delay	0..100	seconds	r	3, (4)
	2320	4640	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	2321	4642	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2322	4644	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	2323	4646	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2408	4816	sensor purpose	1..23	#####	r	3, (4)
	2409	4818	sensor type	1..5		r	3, (4)
	2410	4820	sensor analog input	0..21		r	3, (4)
	2411	4822	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	2412	4824	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	2413	4826	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2414	4828	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2415	4830	sensor tolerance	0..100	percent	r	3, (4)
	2416	4832	sensor alarm priorities	0..31		r	3, (4)
	2417	4834	sensor alarm delay	0..100	seconds	r	3, (4)
	2418	4836	sensor failure alarm priorities	0..31		r	3, (4)
	2419	4838	sensor failure alarm delay	0..100	seconds	r	3, (4)
	2420	4840	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	2421	4842	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2422	4844	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	2423	4846	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2508	5016	sensor purpose	1..23	#####	r	3, (4)
	2509	5018	sensor type	1..5		r	3, (4)
	2510	5020	sensor analog input	0..21		r	3, (4)
	2511	5022	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	2512	5024	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	2513	5026	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2514	5028	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2515	5030	sensor tolerance	0..100	percent	r	3, (4)
	2516	5032	sensor alarm priorities	0..31		r	3, (4)
	2517	5034	sensor alarm delay	0..100	seconds	r	3, (4)
	2518	5036	sensor failure alarm priorities	0..31		r	3, (4)
	2519	5038	sensor failure alarm delay	0..100	seconds	r	3, (4)
	2520	5040	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	2521	5042	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2522	5044	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	2523	5046	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2608	5216	sensor purpose	1..23	#####	r	3, (4)
	2609	5218	sensor type	1..5		r	3, (4)
	2610	5220	sensor analog input	0..21		r	3, (4)
	2611	5222	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	2612	5224	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	2613	5226	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2614	5228	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2615	5230	sensor tolerance	0..100	percent	r	3, (4)
	2616	5232	sensor alarm priorities	0..31		r	3, (4)
	2617	5234	sensor alarm delay	0..100	seconds	r	3, (4)
	2618	5236	sensor failure alarm priorities	0..31		r	3, (4)
	2619	5238	sensor failure alarm delay	0..100	seconds	r	3, (4)
	2620	5240	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	2621	5242	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2622	5244	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	2623	5246	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2708	5416	sensor purpose	1..23	#####	r	3, (4)
	2709	5418	sensor type	1..5		r	3, (4)
	2710	5420	sensor analog input	0..21		r	3, (4)
	2711	5422	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	2712	5424	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	2713	5426	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2714	5428	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	2715	5430	sensor tolerance	0..100	percent	r	3, (4)
	2716	5432	sensor alarm priorities	0..31		r	3, (4)
	2717	5434	sensor alarm delay	0..100	seconds	r	3, (4)
	2718	5436	sensor failure alarm priorities	0..31		r	3, (4)
	2719	5438	sensor failure alarm delay	0..100	seconds	r	3, (4)
	2720	5440	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	2721	5442	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2722	5444	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	2723	5446	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	2808	5616	sensor purpose	1..23	#####	r	3, (4)
	2809	5618	sensor type	1..5		r	3, (4)
	2810	5620	sensor analog input	0..21		r	3, (4)
	2811	5622	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	2812	5624	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
	2813	5626	sensor min phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	2814	5628	sensor max phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	2815	5630	sensor tolerance	0..100	percent	r	3, (4)
	2816	5632	sensor alarm priorities	0..31		r	3, (4)
	2817	5634	sensor alarm delay	0..100	seconds	r	3, (4)
	2818	5636	sensor failure alarm priorities	0..31		r	3, (4)
	2819	5638	sensor failure alarm delay	0..100	seconds	r	3, (4)
	2820	5640	sensor adjust offset	-500..500	-50,0..50,0K/°rF/bar	r	3, (4)
	2821	5642	sensor current phys. value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	2822	5644	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
	2823	5646	sensor manual operation value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	2908	5816	sensor purpose	1..23	#####	r	3, (4)
	2909	5818	sensor type	1..5		r	3, (4)
	2910	5820	sensor analog input	0..21		r	3, (4)
	2911	5822	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
	2912	5824	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
	2913	5826	sensor min phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	2914	5828	sensor max phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	2915	5830	sensor tolerance	0..100	percent	r	3, (4)
	2916	5832	sensor alarm priorities	0..31		r	3, (4)
	2917	5834	sensor alarm delay	0..100	seconds	r	3, (4)
	2918	5836	sensor failure alarm priorities	0..31		r	3, (4)
	2919	5838	sensor failure alarm delay	0..100	seconds	r	3, (4)
	2920	5840	sensor adjust offset	-500..500	-50,0..50,0K/°rF/bar	r	3, (4)
	2921	5842	sensor current phys. value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	2922	5844	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
	2923	5846	sensor manual operation value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	3008	6016	sensor purpose	1..23	#####	r	3, (4)
	3009	6018	sensor type	1..5		r	3, (4)
	3010	6020	sensor analog input	0..21		r	3, (4)
	3011	6022	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
	3012	6024	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
	3013	6026	sensor min phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	3014	6028	sensor max phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	3015	6030	sensor tolerance	0..100	percent	r	3, (4)
	3016	6032	sensor alarm priorities	0..31		r	3, (4)
	3017	6034	sensor alarm delay	0..100	seconds	r	3, (4)
	3018	6036	sensor failure alarm priorities	0..31		r	3, (4)
	3019	6038	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3020	6040	sensor adjust offset	-500..500	-50,0..50,0K/°rF/bar	r	3, (4)
	3021	6042	sensor current phys. value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	3022	6044	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
	3023	6046	sensor manual operation value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	3108	6216	sensor purpose	1..23	#####	r	3, (4)
	3109	6218	sensor type	1..5		r	3, (4)
	3110	6220	sensor analog input	0..21		r	3, (4)
	3111	6222	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
	3112	6224	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
	3113	6226	sensor min phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	3114	6228	sensor max phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	3115	6230	sensor tolerance	0..100	percent	r	3, (4)
	3116	6232	sensor alarm priorities	0..31		r	3, (4)
	3117	6234	sensor alarm delay	0..100	seconds	r	3, (4)
	3118	6236	sensor failure alarm priorities	0..31		r	3, (4)
	3119	6238	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3120	6240	sensor adjust offset	-500..500	-50,0..50,0K/°rF/bar	r	3, (4)
	3121	6242	sensor current phys. value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	3122	6244	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
	3123	6246	sensor manual operation value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)
	3208	6416	sensor purpose	1..23	#####	r	3, (4)
	3209	6418	sensor type	1..5		r	3, (4)
	3210	6420	sensor analog input	0..21		r	3, (4)
	3211	6422	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
	3212	6424	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
	3213	6426	sensor min phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	3214	6428	sensor max phys. value	-500..1000	-50,0..100,0°C/°rF/bar	r	3, (4)
	3215	6430	sensor tolerance	0..100	percent	r	3, (4)
	3216	6432	sensor alarm priorities	0..31		r	3, (4)
	3217	6434	sensor alarm delay	0..100	seconds	r	3, (4)
	3218	6436	sensor failure alarm priorities	0..31		r	3, (4)
	3219	6438	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3220	6440	sensor adjust offset	-500..500	-50,0..50,0K/°rF/bar	r	3, (4)
	3221	6442	sensor current phys. value	-1000..1000	-100,0..100,0°C/°rF/bar	r	4, (3)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	3222	6444	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3223	6446	sensor manual operation value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3308	6616	sensor purpose	1..23	#####	r	3, (4)
	3309	6618	sensor type	1..5		r	3, (4)
	3310	6620	sensor analog input	0..21		r	3, (4)
	3311	6622	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	3312	6624	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	3313	6626	sensor min phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3314	6628	sensor max phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3315	6630	sensor tolerance	0..100	percent	r	3, (4)
	3316	6632	sensor alarm priorities	0..31		r	3, (4)
	3317	6634	sensor alarm delay	0..100	seconds	r	3, (4)
	3318	6636	sensor failure alarm priorities	0..31		r	3, (4)
	3319	6638	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3320	6640	sensor adjust offset	-500..500	-50.0..50.0K/°F/bar	r	3, (4)
	3321	6642	sensor current phys. value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3322	6644	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3323	6646	sensor manual operation value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3408	6816	sensor purpose	1..23	#####	r	3, (4)
	3409	6818	sensor type	1..5		r	3, (4)
	3410	6820	sensor analog input	0..21		r	3, (4)
	3411	6822	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	3412	6824	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	3413	6826	sensor min phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3414	6828	sensor max phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3415	6830	sensor tolerance	0..100	percent	r	3, (4)
	3416	6832	sensor alarm priorities	0..31		r	3, (4)
	3417	6834	sensor alarm delay	0..100	seconds	r	3, (4)
	3418	6836	sensor failure alarm priorities	0..31		r	3, (4)
	3419	6838	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3420	6840	sensor adjust offset	-500..500	-50.0..50.0K/°F/bar	r	3, (4)
	3421	6842	sensor current phys. value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3422	6844	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3423	6846	sensor manual operation value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3508	7016	sensor purpose	1..23	#####	r	3, (4)
	3509	7018	sensor type	1..5		r	3, (4)
	3510	7020	sensor analog input	0..21		r	3, (4)
	3511	7022	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	3512	7024	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	3513	7026	sensor min phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3514	7028	sensor max phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3515	7030	sensor tolerance	0..100	percent	r	3, (4)
	3516	7032	sensor alarm priorities	0..31		r	3, (4)
	3517	7034	sensor alarm delay	0..100	seconds	r	3, (4)
	3518	7036	sensor failure alarm priorities	0..31		r	3, (4)
	3519	7038	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3520	7040	sensor adjust offset	-500..500	-50.0..50.0K/°F/bar	r	3, (4)
	3521	7042	sensor current phys. value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3522	7044	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3523	7046	sensor manual operation value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3608	7216	sensor purpose	1..23	#####	r	3, (4)
	3609	7218	sensor type	1..5		r	3, (4)
	3610	7220	sensor analog input	0..21		r	3, (4)
	3611	7222	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	3612	7224	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	3613	7226	sensor min phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3614	7228	sensor max phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3615	7230	sensor tolerance	0..100	percent	r	3, (4)
	3616	7232	sensor alarm priorities	0..31		r	3, (4)
	3617	7234	sensor alarm delay	0..100	seconds	r	3, (4)
	3618	7236	sensor failure alarm priorities	0..31		r	3, (4)
	3619	7238	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3620	7240	sensor adjust offset	-500..500	-50.0..50.0K/°F/bar	r	3, (4)
	3621	7242	sensor current phys. value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3622	7244	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3623	7246	sensor manual operation value	-1000..1000	-100.0..100.0°C/°F/bar	r	4, (3)
	3708	7416	sensor purpose	1..23	#####	r	3, (4)
	3709	7418	sensor type	1..5		r	3, (4)
	3710	7420	sensor analog input	0..21		r	3, (4)
	3711	7422	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	3712	7424	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	3713	7426	sensor min phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3714	7428	sensor max phys. value	-500..1000	-50.0..100.0°C/°F/bar	r	3, (4)
	3715	7430	sensor tolerance	0..100	percent	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	3716	7432	sensor alarm priorities	0..31		r	3, (4)
	3717	7434	sensor alarm delay	0..100	seconds	r	3, (4)
	3718	7436	sensor failure alarm priorities	0..31		r	3, (4)
	3719	7438	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3720	7440	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	3721	7442	sensor current phys. value	1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	3722	7444	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3723	7446	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	3808	7616	sensor purpose	1..23	#####	r	3, (4)
	3809	7618	sensor type	1..5		r	3, (4)
	3810	7620	sensor analog input	0..21		r	3, (4)
	3811	7622	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	3812	7624	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	3813	7626	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	3814	7628	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	3815	7630	sensor tolerance	0..100	percent	r	3, (4)
	3816	7632	sensor alarm priorities	0..31		r	3, (4)
	3817	7634	sensor alarm delay	0..100	seconds	r	3, (4)
	3818	7636	sensor failure alarm priorities	0..31		r	3, (4)
	3819	7638	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3820	7640	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	3821	7642	sensor current phys. value	1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	3822	7644	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3823	7646	sensor manual operation value	1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	3908	7816	sensor purpose	1..23	#####	r	3, (4)
	3909	7818	sensor type	1..5		r	3, (4)
	3910	7820	sensor analog input	0..21		r	3, (4)
	3911	7822	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	3912	7824	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	3913	7826	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	3914	7828	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	3915	7830	sensor tolerance	0..100	percent	r	3, (4)
	3916	7832	sensor alarm priorities	0..31		r	3, (4)
	3917	7834	sensor alarm delay	0..100	seconds	r	3, (4)
	3918	7836	sensor failure alarm priorities	0..31		r	3, (4)
	3919	7838	sensor failure alarm delay	0..100	seconds	r	3, (4)
	3920	7840	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	3921	7842	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	3922	7844	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	3923	7846	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4008	8016	sensor purpose	1..23	#####	r	3, (4)
	4009	8018	sensor type	1..5		r	3, (4)
	4010	8020	sensor analog input	0..21		r	3, (4)
	4011	8022	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	4012	8024	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	4013	8026	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4014	8028	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4015	8030	sensor tolerance	0..100	percent	r	3, (4)
	4016	8032	sensor alarm priorities	0..31		r	3, (4)
	4017	8034	sensor alarm delay	0..100	seconds	r	3, (4)
	4018	8036	sensor failure alarm priorities	0..31		r	3, (4)
	4019	8038	sensor failure alarm delay	0..100	seconds	r	3, (4)
	4020	8040	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	4021	8042	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4022	8044	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	4023	8046	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4108	8216	sensor purpose	1..23	#####	r	3, (4)
	4109	8218	sensor type	1..5		r	3, (4)
	4110	8220	sensor analog input	0..21		r	3, (4)
	4111	8222	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	4112	8224	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	4113	8226	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4114	8228	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4115	8230	sensor tolerance	0..100	percent	r	3, (4)
	4116	8232	sensor alarm priorities	0..31		r	3, (4)
	4117	8234	sensor alarm delay	0..100	seconds	r	3, (4)
	4118	8236	sensor failure alarm priorities	0..31		r	3, (4)
	4119	8238	sensor failure alarm delay	0..100	seconds	r	3, (4)
	4120	8240	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	4121	8242	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4122	8244	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	4123	8246	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4208	8416	sensor purpose	1..23	#####	r	3, (4)
	4209	8418	sensor type	1..5		r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	4210	8420	sensor analog input	0..21		r	3, (4)
	4211	8422	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	4212	8424	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	4213	8426	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4214	8428	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4215	8430	sensor tolerance	0..100	percent	r	3, (4)
	4216	8432	sensor alarm priorities	0..31		r	3, (4)
	4217	8434	sensor alarm delay	0..100	seconds	r	3, (4)
	4218	8436	sensor failure alarm priorities	0..31		r	3, (4)
	4219	8438	sensor failure alarm delay	0..100	seconds	r	3, (4)
	4220	8440	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	4221	8442	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4222	8444	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	4223	8446	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4308	8616	sensor purpose	1..23	#####	r	3, (4)
	4309	8618	sensor type	1..5		r	3, (4)
	4310	8620	sensor analog input	0..21		r	3, (4)
	4311	8622	sensor min value	0..200	0.0..20.0mA/V	r	3, (4)
	4312	8624	sensor max value	0..200	0.0..20.0mA/V	r	3, (4)
	4313	8626	sensor min phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4314	8628	sensor max phys. value	-500..1000	-50.0..100.0°C/%rF/bar	r	3, (4)
	4315	8630	sensor tolerance	0..100	percent	r	3, (4)
	4316	8632	sensor alarm priorities	0..31		r	3, (4)
	4317	8634	sensor alarm delay	0..100	seconds	r	3, (4)
	4318	8636	sensor failure alarm priorities	0..31		r	3, (4)
	4319	8638	sensor failure alarm delay	0..100	seconds	r	3, (4)
	4320	8640	sensor adjust offset	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	4321	8642	sensor current phys. value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4322	8644	sensor current value	0..200	0.0..20.0mA/V	r	4, (3)
	4323	8646	sensor manual operation value	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	4416	8832	compressor1 start temp. Summer	0..99	0.0..9.9K	r	3, (4)
	4417	8834	compressor1 hysteresis Summer	0..99	0.0..9.9K	r	3, (4)
	4418	8836	compressor1 start temp. Winter	0..99	0.0..9.9K	r	3, (4)
	4419	8838	compressor1 hysteresis winter	0..99	0.0..9.9K	r	3, (4)
	4420	8840	compr.1 digital out	0..31		r	3, (4)
	4421	8842	compr.1 alarm digital in	0..42		r	3, (4)
	4422	8844	compr.1 alarm priorities	0..31		r	3, (4)
	4423	8846	compr.1 alarm delay	0..100	seconds	r	3, (4)
	4424	8848	compr.1 low press. Digital in	0..42		r	3, (4)
	4425	8850	compr.1 low press. Alarm priorities	0..31		r	3, (4)
	4426	8852	compr.1 low press. Alarm delay	0..100	seconds	r	3, (4)
	4427	8854	compr.1 break	10..1000	seconds	r	3, (4)
	4428	8856	compr.1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	4516	9032	compressor 2 start temp. Summer	0..99	0.0..9.9K	r	3, (4)
	4517	9034	compressor 2 hysteresis Summer	0..99	0.0..9.9K	r	3, (4)
	4518	9036	compressor 2 start temp. Winter	0..99	0.0..9.9K	r	3, (4)
	4519	9038	compressor 2 hysteresis winter	0..99	0.0..9.9K	r	3, (4)
	4520	9040	compr. 2 digital out	0..31		r	3, (4)
	4521	9042	compr. 2 alarm digital in	0..42		r	3, (4)
	4522	9044	compr. 2 alarm priorities	0..31		r	3, (4)
	4523	9046	compr. 2 alarm delay	0..100	seconds	r	3, (4)
	4524	9048	compr. 2 low press. Digital in	0..42		r	3, (4)
	4525	9050	compr. 2 low press. Alarm priorities	0..31		r	3, (4)
	4526	9052	compr. 2 low press. Alarm delay	0..100	seconds	r	3, (4)
	4527	9054	compr. 2 break	10..1000	seconds	r	3, (4)
	4528	9056	compr. 2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	4608	9216	suctionvalve1 start temperature	0..99	0.0..9.9K	r	3, (4)
	4609	9218	suctionvalve1 linear range	5..99	0.5..9.9K	r	3, (4)
	4610	9220	suctionvalve1 analog out	0..20		r	3, (4)
	4611	9222	suctionvalve1 current value	0..100	percent	r	4, (3)
	4612	9224	suctionvalve1 manual operation value	0..100	percent	rw	3, (4), 16
	4708	9416	suctionvalve2 start temperature	0..99	0.0..9.9K	r	3, (4)
	4709	9418	suctionvalve2 linear range	5..99	0.5..9.9K	r	3, (4)
	4710	9420	suctionvalve2 analog out	0..20		r	3, (4)
	4711	9422	suctionvalve2 current value	0..100	percent	r	4, (3)
	4712	9424	suctionvalve2 manual operation value	0..100	percent	rw	3, (4), 16
	4808	9616	elec.-heating1 type	1..2		r	3, (4)
	4809	9618	elec.-heating1 start temperature	0..99	0.0..9.9K	r	3, (4)
	4810	9620	elec.-heating1 hysteresis	0..99	0.0..9.9K	r	3, (4)
	4811	9622	elec.-heating1 linear range	3..99	0.3..9.9K	r	3, (4)
	4812	9624	elec.-heating1 digital out	0..31		r	3, (4)
	4813	9626	elec.-heating1 alarm digital in	0..42		r	3, (4)
	4814	9628	elec.-heating1 alarm priorities	0..31		r	3, (4)
	4815	9630	elec.-heating1 alarm delay	0..2550	seconds	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	4816	9632	elec.-heating1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	4817	9634	elec.-heating1 PWM-grade	0..100	percent	r	4, (3)
	4818	9636	elec.-heating1 manual operation PWM-grade	0..100	percent	rw	3, (4), 16
	4908	9816	elec.-heating2 type	1..2		r	3, (4)
	4909	9818	elec.-heating2 start temperature	0..99	0.0..9.9K	r	3, (4)
	4910	9820	elec.-heating2 hysteresis	0..99	0.0..9.9K	r	3, (4)
	4911	9822	elec.-heating2 linear range	3..99	0.3..9.9K	r	3, (4)
	4912	9824	elec.-heating2 digital out	0..31		r	3, (4)
	4913	9826	elec.-heating2 alarm digital in	0..42		r	3, (4)
	4914	9828	elec.-heating2 alarm priorities	0..31		r	3, (4)
	4915	9830	elec.-heating2 alarm delay	0..2550	seconds	r	3, (4)
	4916	9832	elec.-heating2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5008	10016	elec.-heating3 type	1..2		r	3, (4)
	5009	10018	elec.-heating3 start temperature	0..99	0.0..9.9K	r	3, (4)
	5010	10020	elec.-heating3 hysteresis	0..99	0.0..9.9K	r	3, (4)
	5011	10022	elec.-heating3 linear range	3..99	0.3..9.9K	r	3, (4)
	5012	10024	elec.-heating3 digital out	0..31		r	3, (4)
	5013	10026	elec.-heating3 alarm digital in	0..42		r	3, (4)
	5014	10028	elec.-heating3 alarm priorities	0..31		r	3, (4)
	5015	10030	elec.-heating3 alarm delay	0..2550	seconds	r	3, (4)
	5016	10032	elec.-heating3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5108	10216	elec.-heating4 type	1..2		r	3, (4)
	5109	10218	elec.-heating4 start temperature	0..99	0.0..9.9K	r	3, (4)
	5110	10220	elec.-heating4 hysteresis	0..99	0.0..9.9K	r	3, (4)
	5111	10222	elec.-heating4 linear range	3..99	0.3..9.9K	r	3, (4)
	5112	10224	elec.-heating4 digital out	0..31		r	3, (4)
	5113	10226	elec.-heating4 alarm digital in	0..42		r	3, (4)
	5114	10228	elec.-heating4 alarm priorities	0..31		r	3, (4)
	5115	10230	elec.-heating4 alarm delay	0..2550	seconds	r	3, (4)
	5116	10232	elec.-heating4 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5208	10416	GE/CW-valve start temperature 1	0..99	0.0..9.9K	r	3, (4)
	5209	10418	GE/CW-valve linear range 1	5..99	0.5..9.9K	r	3, (4)
	5210	10420	GE/CW-valve analog out 1	0..20		r	3, (4)
	5211	10422	GE/CW-valve GE-off-temp	0..1000	0.0..100.0°C	r	3, (4)
	5212	10424	GE/CW-valve GE-dehum. Min.-temp.	0..500	0.0..50.0°C	r	3, (4)
	5213	10426	GE/CW-valve GE-dehum. Max.-temp.	0..500	0.0..50.0°C	r	3, (4)
	5214	10428	GE/CW-valve opening grade 1	0..100	percent	r	4, (3)
	5215	10430	GE/CW-valve man. operation opening grade	0..100	percent	rw	3, (4), 16
	5216	10432	GE/CW-valve analog out 2	0..20		r	3, (4)
	5217	10434	GE/CW-valve din for switch	0..42		r	3, (4)
	5308	10616	G-valve pressure setpoint	50..400	5.0..40.0bar	r	3, (4)
	5309	10618	G-valve analog out	0..20		r	3, (4)
	5310	10620	G-valve pre opening time	0..30	seconds	rw	3, (4), 16
	5311	10622	G-valve pre opening grade	0..100	percent	rw	3, (4), 16
	5312	10624	G-valve opening grade	0..100	percent	r	4, (3)
	5313	10626	G-valve manual operation opening grade	0..100	percent	rw	3, (4), 16
	5314	10628	G-valve I factor	0..100	percent	rw	3, (4), 16
	5315	10630	G-valve D factor	0..100	percent	rw	3, (4), 16
	5408	10816	drycooler1 start-temperature winter	50..350	5.0..35.0°C	r	3, (4)
	5409	10818	drycooler1 start-temperature summer	100..500	10.0..50.0°C	r	3, (4)
	5410	10820	drycooler1 hysteresis	10..99	1.0..9.9K	r	3, (4)
	5411	10822	drycooler1 digital out	0..31		r	3, (4)
	5412	10824	drycooler1 alarm digital in	0..42		r	3, (4)
	5413	10826	drycooler1 alarm priorities	0..31		r	3, (4)
	5414	10828	drycooler1 alarm delay	0..100	seconds	r	3, (4)
	5415	10830	drycooler1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5508	11016	drycooler2 start-temperature winter	50..350	5.0..35.0°C	r	3, (4)
	5509	11018	drycooler2 start-temperature summer	100..500	10.0..50.0°C	r	3, (4)
	5510	11020	drycooler2 hysteresis	10..99	1.0..9.9K	r	3, (4)
	5511	11022	drycooler2 digital out	0..31		r	3, (4)
	5512	11024	drycooler2 alarm digital in	0..42		r	3, (4)
	5513	11026	drycooler2 alarm priorities	0..31		r	3, (4)
	5514	11028	drycooler2 alarm delay	0..100	seconds	r	3, (4)
	5515	11030	drycooler2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5608	11216	drycooler3 start-temperature winter	50..350	5.0..35.0°C	r	3, (4)
	5609	11218	drycooler3 start-temperature summer	100..500	10.0..50.0°C	r	3, (4)
	5610	11220	drycooler3 hysteresis	10..99	1.0..9.9K	r	3, (4)
	5611	11222	drycooler3 digital out	0..31		r	3, (4)
	5612	11224	drycooler3 alarm digital in	0..42		r	3, (4)
	5613	11226	drycooler3 alarm priorities	0..31		r	3, (4)
	5614	11228	drycooler3 alarm delay	0..100	seconds	r	3, (4)
	5615	11230	drycooler3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5708	11416	drycooler4 start-temperature winter	50..350	5.0..35.0°C	r	3, (4)
	5709	11418	drycooler4 start-temperature summer	100..500	10.0..50.0°C	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	5710	11420	drycooler4 hysteresis	10..99	1.0..9.9K	r	3, (4)
	5711	11422	drycooler4 digital out	0..31		r	3, (4)
	5712	11424	drycooler4 alarm digital in	0..42		r	3, (4)
	5713	11426	drycooler4 alarm priorities	0..31		r	3, (4)
	5714	11428	drycooler4 alarm delay	0..100	seconds	r	3, (4)
	5715	11430	drycooler4 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5808	11616	pump1 type	1..4		r	3, (4)
	5809	11618	pump1 start-temperature	0..99	0.0..9.9K	r	3, (4)
	5810	11620	pump1 hysteresis	0..99	0.0..9.9K	r	3, (4)
	5811	11622	pump1 linear range	5..200	0.5..20.0K	r	3, (4)
	5812	11624	pump1 pressure setpoint	0..400	0.0..40.0bar	r	3, (4)
	5813	11626	pump1 digital out	0..31		r	3, (4)
	5814	11628	pump1 analog out	0..20		r	3, (4)
	5815	11630	pump1 alarm digital in	0..42		r	3, (4)
	5816	11632	pump1 alarm priorities	0..31		r	3, (4)
	5817	11634	pump1 alarm delay	0..100	seconds	r	3, (4)
	5818	11636	pump1 pre runtime	0..120	seconds	r	3, (4)
	5819	11638	pump1 pre speed	0..100	percent	r	3, (4)
	5820	11640	pump1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5821	11642	pump1 speed	0..100	percent	r	4, (3)
	5822	11644	pump1 manual operation speed	0..100	percent	rw	3, (4), 16
	5823	11646	pump1 partner-unit	0..31		r	3, (4)
	5824	11648	pump1 partner-pump	0..4		r	3, (4)
	5825	11650	pump1 I factor	0..100	0..100	r	4, (3)
	5826	11652	pump1 D factor	0..100	0..100	r	4, (3)
	5908	11816	pump2 type	1..4	see pump 1	r	3, (4)
	5909	11818	pump2 start-temperature	0..99	0.0..9.9K	r	3, (4)
	5910	11820	pump2 hysteresis	0..99	0.0..9.9K	r	3, (4)
	5911	11822	pump2 linear range	5..200	0.5..20.0	r	3, (4)
	5912	11824	pump2 pressure setpoint	0..400	0.0..40.0bar	r	3, (4)
	5913	11826	pump2 digital out	0..31		r	3, (4)
	5914	11828	pump2 analog out	0..20		r	3, (4)
	5915	11830	pump2 alarm digital in	0..42		r	3, (4)
	5916	11832	pump2 alarm priorities	0..31		r	3, (4)
	5917	11834	pump2 alarm delay	0..100	seconds	r	3, (4)
	5918	11836	pump2 pre runtime	0..120	seconds	r	3, (4)
	5919	11838	pump2 pre speed	0..100	percent	r	3, (4)
	5920	11840	pump2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	5921	11842	pump2 speed	0..100	percent	r	4, (3)
	5922	11844	pump2 manual operation speed	0..100	percent	rw	3, (4), 16
	5923	11846	pump2 partner-unit	0..31		r	3, (4)
	5924	11848	pump2 partner-pump	0..4		r	3, (4)
	5925	11850	pump2 I factor	0..100	0..100	r	4, (3)
	5926	11852	pump2 D factor	0..100	0..100	r	4, (3)
	6008	12016	pump3 type	1..4	see pump 1	r	3, (4)
	6009	12018	pump3 start-temperature	0..99	0.0..9.9K	r	3, (4)
	6010	12020	pump3 hysteresis	0..99	0.0..9.9K	r	3, (4)
	6011	12022	pump3 linear range	5..200	0.5..20.0	r	3, (4)
	6012	12024	pump3 pressure setpoint	0..400	0.0..40.0bar	r	3, (4)
	6013	12026	pump3 digital out	0..31		r	3, (4)
	6014	12028	pump3 analog out	0..20		r	3, (4)
	6015	12030	pump3 alarm digital in	0..42		r	3, (4)
	6016	12032	pump3 alarm priorities	0..31		r	3, (4)
	6017	12034	pump3 alarm delay	0..100	seconds	r	3, (4)
	6018	12036	pump3 pre runtime	0..120	seconds	r	3, (4)
	6019	12038	pump3 pre speed	0..100	percent	r	3, (4)
	6020	12040	pump3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	6021	12042	pump3 speed	0..100	percent	r	4, (3)
	6022	12044	pump3 manual operation speed	0..100	percent	rw	3, (4), 16
	6023	12046	pump3 partner-unit	0..31		r	3, (4)
	6024	12048	pump3 partner-pump	0..4		r	3, (4)
	6025	12050	pump3 I factor	0..100	0..100	r	4, (3)
	6026	12052	pump3 D factor	0..100	0..100	r	4, (3)
	6108	12216	pump4 type	1..4	see pump 1	r	3, (4)
	6109	12218	pump4 start-temperature	0..99	0.0..9.9K	r	3, (4)
	6110	12220	pump4 hysteresis	0..99	0.0..9.9K	r	3, (4)
	6111	12222	pump4 linear range	5..200	0.5..20.0	r	3, (4)
	6112	12224	pump4 pressure setpoint	0..400	0.0..40.0bar	r	3, (4)
	6113	12226	pump4 digital out	0..31		r	3, (4)
	6114	12228	pump4 analog out	0..20		r	3, (4)
	6115	12230	pump4 alarm digital in	0..42		r	3, (4)
	6116	12232	pump4 alarm priorities	0..31		r	3, (4)
	6117	12234	pump4 alarm delay	0..100	seconds	r	3, (4)
	6118	12236	pump4 pre runtime	0..120	seconds	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	6119	12238	pump4 pre speed	0..100	percent	r	3, (4)
	6120	12240	pump4 runtime	0..0xFFFFFFF	hours	r	3, (4)
	6121	12242	pump4 speed	0..100	percent	r	4, (3)
	6122	12244	pump4 manual operation speed	0..100	percent	rw	3, (4), 16
	6123	12246	pump4 partner-unit	0..31		r	3, (4)
	6124	12248	pump4 partner-pump	0..4		r	3, (4)
	6125	12250	pump4 I factor	0..100	0..100	r	4, (3)
	6126	12252	pump4 D factor	0..100	0..100	r	4, (3)
	6208	12416	hotgas-heating start temperature	0..99	0.0..9.9K	r	3, (4)
	6209	12418	hotgas-heating hysteresis	0..99	0.0..9.9K	r	3, (4)
	6210	12420	hotgas-heating digital out	0..31		r	3, (4)
	6211	12422	hotgas-heating alarm digital in	0..42		r	3, (4)
	6212	12424	hotgas-heating alarm priorities	0..31		r	3, (4)
	6213	12426	hotgas-heating alarm delay	0..2550	seconds	r	3, (4)
	6308	12616	PWW-heating type	1..2		r	3, (4)
	6309	12618	PWW-heating start-temperature	0..99	0.0..9.9K	r	3, (4)
	6310	12620	PWW-heating start-temperature 2			r	3, (4)
	6311	12622	PWW-heating hysteresis	0..99	0.0..9.9K	r	3, (4)
	6312	12624	PWW-heating linear range	5..99	0.5..9.9K	r	3, (4)
	6313	12626	PWW-heating digital out	0..31		r	3, (4)
	6314	12628	PWW-heating analog out	0..20		r	3, (4)
	6315	12630	PWW-heating current value	0..100	percent	r	3, (4)
	6316	12632	PWW-heating manual operation value	0..100	percent	rw	3, (4), 16
	6416	12832	humidifier1 type	1..2		r	3, (4)
	6417	12834	humidifier1 start-humidity	0..200	0.0..20.0%rF	r	3, (4)
	6418	12836	humidifier1 start-humidity 2			r	3, (4)
	6419	12838	humidifier1 hysteresis	0..200	0.0..20.0%rF	r	3, (4)
	6420	12840	humidifier1 linear range	5..200	0.5..20.0	r	3, (4)
	6421	12842	humidifier1 digital out	0..31		r	3, (4)
	6422	12844	humidifier1 analog out	0..20		r	3, (4)
	6423	12846	humidifier1 alarm digital in	0..42		r	3, (4)
	6424	12848	humidifier1 alarm priorities	0..31		r	3, (4)
	6425	12850	humidifier1 alarm delay	0..2550	seconds	r	3, (4)
	6426	12852	humidifier1 runtime	0..0xFFFFFFF	hours	r	3, (4)
	6427	12854	humidifier1 current value	0..100	percent	r	3, (4)
	6428	12856	humidifier1 manual operation value	0..100	percent	rw	3, (4), 16
	6429	12858	humidifier1 alarm digital in 5µS	0..42		r	3, (4)
	6430	12860	humidifier1 alarm digital in 20µS	0..42		r	3, (4)
	6431	12862	humidifier1 alarm delay 5µS	0..2550	seconds	r	3, (4)
	6432	12864	humidifier1 alarm delay 20µS	0..2550	seconds	r	3, (4)
	6433	12866	humidifier1 alarm priorities 5µS	0..31		r	3, (4)
	6434	12868	humidifier1 alarm priorities 20µS	0..31		r	3, (4)
	6516	13032	humidifier2 type	1..2		r	3, (4)
	6517	13034	humidifier2 start-humidity	0..200	0.0..20.0%rF	r	3, (4)
	6518	13036	humidifier2 start-humidity 2			r	3, (4)
	6519	13038	humidifier2 hysteresis	0..200	0.0..20.0%rF	r	3, (4)
	6520	13040	humidifier2 linear range	5..200	0.5..20.0	r	3, (4)
	6521	13042	humidifier2 digital out	0..31		r	3, (4)
	6522	13044	humidifier2 analog out	0..20		r	3, (4)
	6523	13046	humidifier2 alarm digital in	0..42		r	3, (4)
	6524	13048	humidifier2 alarm priorities	0..31		r	3, (4)
	6525	13050	humidifier2 alarm delay	0..2550	seconds	r	3, (4)
	6526	13052	humidifier2 runtime	0..0xFFFFFFF	hours	r	3, (4)
	6527	13054	humidifier2 current value	0..100	percent	r	3, (4)
	6528	13056	humidifier2 manual operation value	0..100	percent	rw	3, (4), 16
	6529	13058	humidifier2 alarm digital in 5µS	0..42		r	3, (4)
	6530	13060	humidifier2 alarm digital in 20µS	0..42		r	3, (4)
	6531	13062	humidifier2 alarm delay 5µS	0..2550	seconds	r	3, (4)
	6532	13064	humidifier2 alarm delay 20µS	0..2550	seconds	r	3, (4)
	6533	13066	humidifier2 alarm priorities 5µS	0..31		r	3, (4)
	6534	13068	humidifier2 alarm priorities 20µS	0..31		r	3, (4)
	6616	13232	humidifier3 type	1..2		r	3, (4)
	6617	13234	humidifier3 start-humidity	0..200	0.0..20.0%rF	r	3, (4)
	6618	13236	humidifier3 start-humidity 2			r	3, (4)
	6619	13238	humidifier3 hysteresis	0..200	0.0..20.0%rF	r	3, (4)
	6620	13240	humidifier3 linear range	5..200	0.5..20.0	r	3, (4)
	6621	13242	humidifier3 digital out	0..31		r	3, (4)
	6622	13244	humidifier3 analog out	0..20		r	3, (4)
	6623	13246	humidifier3 alarm digital in	0..42		r	3, (4)
	6624	13248	humidifier3 alarm priorities	0..31		r	3, (4)
	6625	13250	humidifier3 alarm delay	0..2550	seconds	r	3, (4)
	6626	13252	humidifier3 runtime	0..0xFFFFFFF	hours	r	3, (4)
	6627	13254	humidifier3 current value	0..100	percent	r	3, (4)
	6628	13256	humidifier3 manual operation value	0..100	percent	rw	3, (4), 16

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	6629	13258	humidifier3 alarm digital in 5µS	0..42		r	3, (4)
	6630	13260	humidifier3 alarm digital in 20µS	0..42		r	3, (4)
	6631	13262	humidifier3 alarm delay 5µS	0..2550	seconds	r	3, (4)
	6632	13264	humidifier3 alarm delay 20µS	0..2550	seconds	r	3, (4)
	6633	13266	humidifier3 alarm priorities 5µS	0..31		r	3, (4)
	6634	13268	humidifier3 alarm priorities 20µS	0..31		r	3, (4)
	6716	13432	humidifier4 type	1..2		r	3, (4)
	6717	13434	humidifier4 start-humidity	0..200	0.0..20.0%rF	r	3, (4)
	6718	13436	humidifier4 start-humidity 2			r	3, (4)
	6719	13438	humidifier4 hysteresis	0..200	0.0..20.0%rF	r	3, (4)
	6720	13440	humidifier4 linear range	5..200	0.5..20.0	r	3, (4)
	6721	13442	humidifier4 digital out	0..31		r	3, (4)
	6722	13444	humidifier4 analog out	0..20		r	3, (4)
	6723	13446	humidifier4 alarm digital in	0..42		r	3, (4)
	6724	13448	humidifier4 alarm priorities	0..31		r	3, (4)
	6725	13450	humidifier4 alarm delay	0..2550	seconds	r	3, (4)
	6726	13452	humidifier4 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	6727	13454	humidifier4 current value	0..100	percent	r	3, (4)
	6728	13456	humidifier4 manual operation value	0..100	percent	rw	3, (4), 16
	6729	13458	humidifier4 alarm digital in 5µS	0..42		r	3, (4)
	6730	13460	humidifier4 alarm digital in 20µS	0..42		r	3, (4)
	6731	13462	humidifier4 alarm delay 5µS	0..2550	seconds	r	3, (4)
	6732	13464	humidifier4 alarm delay 20µS	0..2550	seconds	r	3, (4)
	6733	13466	humidifier4 alarm priorities 5µS	0..31		r	3, (4)
	6734	13468	humidifier4 alarm priorities 20µS	0..31		r	3, (4)
	6808	13616	dehumidifier type			r	3, (4)
	6809	13618	dehumidifier start-humidity	0..1000	0.0..100.0%rF	r	3, (4)
	6810	13620	dehumidifier start-humidity 2			r	3, (4)
	6811	13622	dehumidification hysteresis	0..300	0.0..30.0%rF	r	3, (4)
	6812	13624	dehumidifier linear range			r	3, (4)
	6813	13626	dehumidification digital out	0..31		r	3, (4)
	6814	13628	dehumidifier analog out			r	3, (4)
	6815	13630	dehumidifier alarm digital in			r	3, (4)
	6816	13632	dehumidifier alarm priorities			r	3, (4)
	6817	13634	dehumidifier min water temp	-200..500	-20.0..50.0°C	rw	3, (4)
	6818	13636	dehumidifier max water temp	0..500	0.0..100.0°C	rw	3, (4)
	6819	13638	dehumidifier alarm delay			r	3, (4)
	6908	13816	fan1 type	1..2		r	3, (4)
	6909	13818	fan1 speed nmax.	40..100	percent	r	3, (4)
	6910	13820	fan1 CW-mode nmax	40..100	percent	r	3, (4)
	6911	13822	fan1 pre runtime	0..100	seconds	r	3, (4)
	6912	13824	fan1 run after time	0..250	seconds	r	3, (4)
	6913	13826	fan1 start temp	0..99	0.0..9.9K	r	3, (4)
	6914	13828	fan1 start speed	0..10	percent	r	3, (4)
	6915	13830	fan1 speed start			r	3, (4)
	6916	13832	fan1 start 100% time	0..100	seconds	r	3, (4)
	6917	13834	fan1 reduce time	30..120	minutes	r	3, (4)
	6918	13836	fan1 reduce speed	0..100	percent	r	3, (4)
	6919	13838	fan1 offset	-10..10	percent	r	3, (4)
	6920	13840	fan1 dehumidification speed	0..20	percent	r	3, (4)
	6921	13842	fan1 ups speed	0..20	percent	r	3, (4)
	6922	13844	fan1 offset filter clogged	0..10	percent	r	3, (4)
	6923	13846	fan1 digital out	0..31		r	3, (4)
	6924	13848	fan1 analog out	0..20		r	3, (4)
	6925	13850	fan1 alarm digital in	0..42		r	3, (4)
	6926	13852	fan1 alarm priorities	0..31		r	3, (4)
	6927	13854	fan1 alarm delay	0..100	seconds	r	3, (4)
	6928	13856	fan1 filter alarm digital in	0..42		r	3, (4)
	6929	13858	fan1 filter alarm priorities	0..31		r	3, (4)
	6930	13860	fan1 filter alarm delay	0..100	seconds	r	3, (4)
	6931	13862	fan1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	6932	13864	fan1 speed	0..100	percent	r	3, (4)
	6933	13866	fan1 manual operation speed	0..100	percent	rw	3, (4), 16
	6934	13868	fan1 min speed	0..100	percent	r	3, (4)
	6941	13882	fan dehum time (delay)	0..30	minutes	r	3, (4)
	7008	14016	fan2 type	1..2		r	3, (4)
	7009	14018	fan2 speed nmax.	40..100	percent	r	3, (4)
	7010	14020	fan2 CW-mode nmax	40..100	percent	r	3, (4)
	7011	14022	fan2 pre runtime	0..100	seconds	r	3, (4)
	7012	14024	fan2 run after time	0..250	seconds	r	3, (4)
	7013	14026	fan2 start temp	0..99	0.0..9.9K	r	3, (4)
	7014	14028	fan2 start speed	0..10	percent	r	3, (4)
	7015	14030	fan2 speed start			r	3, (4)
	7016	14032	fan2 start 100% time	0..100	seconds	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	7017	14034	fan2 reduce time	30..120	minutes	r	3, (4)
	7018	14036	fan2 reduce speed	0..100	percent	r	3, (4)
	7019	14038	fan2 offset	-10..10	percent	r	3, (4)
	7020	14040	fan2 dehumidification speed	0..20	percent	r	3, (4)
	7021	14042	fan2 ups speed	0..20	percent	r	3, (4)
	7022	14044	fan2 offset filter clogged	0..10	percent	r	3, (4)
	7023	14046	fan2 digital out	0..31		r	3, (4)
	7024	14048	fan2 analog out	0..20		r	3, (4)
	7025	14050	fan2 alarm digital in	0..42		r	3, (4)
	7026	14052	fan2 alarm priorities	0..31		r	3, (4)
	7027	14054	fan2 alarm delay	0..100	seconds	r	3, (4)
	7028	14056	fan2 filter alarm digital in	0..42		r	3, (4)
	7029	14058	fan2 filter alarm priorities	0..31		r	3, (4)
	7030	14060	fan2 filter alarm delay	0..100	seconds	r	3, (4)
	7031	14062	fan2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	7032	14064	fan2 speed	0..100	percent	r	3, (4)
	7033	14066	fan2 manual operation speed	0..100	percent	rw	3, (4), 16
	7034	14068	fan2 min speed	0..100	percent	r	3, (4)
	7041	14082	fan dehum time (delay)	0..30	minutes	r	3, (4)
	7108	14216	fan3 type	1..2		r	3, (4)
	7109	14218	fan3 speed nmax	40..100	percent	r	3, (4)
	7110	14220	fan3 CW-mode nmax	40..100	percent	r	3, (4)
	7111	14222	fan3 pre runtime	0..100	seconds	r	3, (4)
	7112	14224	fan3 run after time	0..250	seconds	r	3, (4)
	7113	14226	fan3 start temp	0..99	0.0..9.9K	r	3, (4)
	7114	14228	fan3 start speed	0..10	percent	r	3, (4)
	7115	14230	fan3 speed start			r	3, (4)
	7116	14232	fan3 start 100% time	0..100	seconds	r	3, (4)
	7117	14234	fan3 reduce time	30..120	minutes	r	3, (4)
	7118	14236	fan3 reduce speed	0..100	percent	r	3, (4)
	7119	14238	fan3 offset	-10..10	percent	r	3, (4)
	7120	14240	fan3 dehumidification speed	0..20	percent	r	3, (4)
	7121	14242	fan3 ups speed	0..20	percent	r	3, (4)
	7122	14244	fan3 offset filter clogged	0..10	percent	r	3, (4)
	7123	14246	fan3 digital out	0..31		r	3, (4)
	7124	14248	fan3 analog out	0..20		r	3, (4)
	7125	14250	fan3 alarm digital in	0..42		r	3, (4)
	7126	14252	fan3 alarm priorities	0..31		r	3, (4)
	7127	14254	fan3 alarm delay	0..100	seconds	r	3, (4)
	7128	14256	fan3 filter alarm digital in	0..42		r	3, (4)
	7129	14258	fan3 filter alarm priorities	0..31		r	3, (4)
	7130	14260	fan3 filter alarm delay	0..100	seconds	r	3, (4)
	7131	14262	fan3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
	7132	14264	fan3 speed	0..100	percent	r	3, (4)
	7133	14266	fan3 manual operation speed	0..100	percent	rw	3, (4), 16
	7134	14268	fan3 min speed	0..100	percent	r	3, (4)
	7141	14282	fan dehum time (delay)	0..30	minutes	r	3, (4)
	7208	14416	louver1 delay	0..180	seconds	r	3, (4)
	7209	14418	louver1 digital out	0..31		r	3, (4)
	7308	14616	louver2 delay	0..180	seconds	r	3, (4)
	7309	14618	louver2 digital out	0..31		r	3, (4)
	7408	14816	louver3 delay	0..180	seconds	r	3, (4)
	7409	14818	louver3 digital out	0..31		r	3, (4)
	7508	15016	ext. alarm digital in	0..42		r	3, (4)
	7509	15018	ext. alarm priorities	0..31		r	3, (4)
	7510	15020	ext. alarm delay	0..100	seconds	r	3, (4)
	7511	15022	ext. alarm text 0	32..125	ASCII	r	3, (4)
	7512	15024	ext. alarm text 1	32..125	ASCII	r	3, (4)
	7513	15026	ext. alarm text 2	32..125	ASCII	r	3, (4)
	7514	15028	ext. alarm text 3	32..125	ASCII	r	3, (4)
	7515	15030	ext. alarm text 4	32..125	ASCII	r	3, (4)
	7516	15032	ext. alarm text 5	32..125	ASCII	r	3, (4)
	7517	15034	ext. alarm text 6	32..125	ASCII	r	3, (4)
	7518	15036	ext. alarm text 7	32..125	ASCII	r	3, (4)
	7519	15038	ext. alarm text 8	32..125	ASCII	r	3, (4)
	7520	15040	ext. alarm text 9	32..125	ASCII	r	3, (4)
	7521	15042	ext. alarm text 10	32..125	ASCII	r	3, (4)
	7522	15044	ext. alarm text 11	32..125	ASCII	r	3, (4)
	7523	15046	ext. alarm text 12	32..125	ASCII	r	3, (4)
	7524	15048	ext. alarm text 13	32..125	ASCII	r	3, (4)
	7525	15050	ext. alarm text 14	32..125	ASCII	r	3, (4)
	7526	15052	ext. alarm text 15	32..125	ASCII	r	3, (4)
	7527	15054	ext. alarm text 16	32..125	ASCII	r	3, (4)
	7528	15056	ext. alarm text 17	32..125	ASCII	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	7529	15058	ext. alarm text 18	32..125	ASCII	r	3, (4)
	7530	15060	ext. alarm text 19	32..125	ASCII	r	3, (4)
	7608	15216	ext. alarm digital in	0..42		r	3, (4)
	7609	15218	ext. alarm priorities	0..31		r	3, (4)
	7610	15220	ext. alarm delay	0..100	seconds	r	3, (4)
	7611	15222	ext. alarm text 0	32..125	ASCII	r	3, (4)
	7612	15224	ext. alarm text 1	32..125	ASCII	r	3, (4)
	7613	15226	ext. alarm text 2	32..125	ASCII	r	3, (4)
	7614	15228	ext. alarm text 3	32..125	ASCII	r	3, (4)
	7615	15230	ext. alarm text 4	32..125	ASCII	r	3, (4)
	7616	15232	ext. alarm text 5	32..125	ASCII	r	3, (4)
	7617	15234	ext. alarm text 6	32..125	ASCII	r	3, (4)
	7618	15236	ext. alarm text 7	32..125	ASCII	r	3, (4)
	7619	15238	ext. alarm text 8	32..125	ASCII	r	3, (4)
	7620	15240	ext. alarm text 9	32..125	ASCII	r	3, (4)
	7621	15242	ext. alarm text 10	32..125	ASCII	r	3, (4)
	7622	15244	ext. alarm text 11	32..125	ASCII	r	3, (4)
	7623	15246	ext. alarm text 12	32..125	ASCII	r	3, (4)
	7624	15248	ext. alarm text 13	32..125	ASCII	r	3, (4)
	7625	15250	ext. alarm text 14	32..125	ASCII	r	3, (4)
	7626	15252	ext. alarm text 15	32..125	ASCII	r	3, (4)
	7627	15254	ext. alarm text 16	32..125	ASCII	r	3, (4)
	7628	15256	ext. alarm text 17	32..125	ASCII	r	3, (4)
	7629	15258	ext. alarm text 18	32..125	ASCII	r	3, (4)
	7630	15260	ext. alarm text 19	32..125	ASCII	r	3, (4)
	7708	15416	ext. alarm digital in	0..42		r	3, (4)
	7709	15418	ext. alarm priorities	0..31		r	3, (4)
	7710	15420	ext. alarm delay	0..100	seconds	r	3, (4)
	7711	15422	ext. alarm text 0	32..125	ASCII	r	3, (4)
	7712	15424	ext. alarm text 1	32..125	ASCII	r	3, (4)
	7713	15426	ext. alarm text 2	32..125	ASCII	r	3, (4)
	7714	15428	ext. alarm text 3	32..125	ASCII	r	3, (4)
	7715	15430	ext. alarm text 4	32..125	ASCII	r	3, (4)
	7716	15432	ext. alarm text 5	32..125	ASCII	r	3, (4)
	7717	15434	ext. alarm text 6	32..125	ASCII	r	3, (4)
	7718	15436	ext. alarm text 7	32..125	ASCII	r	3, (4)
	7719	15438	ext. alarm text 8	32..125	ASCII	r	3, (4)
	7720	15440	ext. alarm text 9	32..125	ASCII	r	3, (4)
	7721	15442	ext. alarm text 10	32..125	ASCII	r	3, (4)
	7722	15444	ext. alarm text 11	32..125	ASCII	r	3, (4)
	7723	15446	ext. alarm text 12	32..125	ASCII	r	3, (4)
	7724	15448	ext. alarm text 13	32..125	ASCII	r	3, (4)
	7725	15450	ext. alarm text 14	32..125	ASCII	r	3, (4)
	7726	15452	ext. alarm text 15	32..125	ASCII	r	3, (4)
	7727	15454	ext. alarm text 16	32..125	ASCII	r	3, (4)
	7728	15456	ext. alarm text 17	32..125	ASCII	r	3, (4)
	7729	15458	ext. alarm text 18	32..125	ASCII	r	3, (4)
	7730	15460	ext. alarm text 19	32..125	ASCII	r	3, (4)
	7808	15616	ext. alarm digital in	0..42		r	3, (4)
	7809	15618	ext. alarm priorities	0..31		r	3, (4)
	7810	15620	ext. alarm delay	0..100	seconds	r	3, (4)
	7811	15622	ext. alarm text 0	32..125	ASCII	r	3, (4)
	7812	15624	ext. alarm text 1	32..125	ASCII	r	3, (4)
	7813	15626	ext. alarm text 2	32..125	ASCII	r	3, (4)
	7814	15628	ext. alarm text 3	32..125	ASCII	r	3, (4)
	7815	15630	ext. alarm text 4	32..125	ASCII	r	3, (4)
	7816	15632	ext. alarm text 5	32..125	ASCII	r	3, (4)
	7817	15634	ext. alarm text 6	32..125	ASCII	r	3, (4)
	7818	15636	ext. alarm text 7	32..125	ASCII	r	3, (4)
	7819	15638	ext. alarm text 8	32..125	ASCII	r	3, (4)
	7820	15640	ext. alarm text 9	32..125	ASCII	r	3, (4)
	7821	15642	ext. alarm text 10	32..125	ASCII	r	3, (4)
	7822	15644	ext. alarm text 11	32..125	ASCII	r	3, (4)
	7823	15646	ext. alarm text 12	32..125	ASCII	r	3, (4)
	7824	15648	ext. alarm text 13	32..125	ASCII	r	3, (4)
	7825	15650	ext. alarm text 14	32..125	ASCII	r	3, (4)
	7826	15652	ext. alarm text 15	32..125	ASCII	r	3, (4)
	7827	15654	ext. alarm text 16	32..125	ASCII	r	3, (4)
	7828	15656	ext. alarm text 17	32..125	ASCII	r	3, (4)
	7829	15658	ext. alarm text 18	32..125	ASCII	r	3, (4)
	7830	15660	ext. alarm text 19	32..125	ASCII	r	3, (4)
	7908	15816	ext. alarm digital in	0..42		r	3, (4)
	7909	15818	ext. alarm priorities	0..31		r	3, (4)
	7910	15820	ext. alarm delay	0..100	seconds	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	7911	15822	ext. alarm text 0	32..125	ASCII	r	3, (4)
	7912	15824	ext. alarm text 1	32..125	ASCII	r	3, (4)
	7913	15826	ext. alarm text 2	32..125	ASCII	r	3, (4)
	7914	15828	ext. alarm text 3	32..125	ASCII	r	3, (4)
	7915	15830	ext. alarm text 4	32..125	ASCII	r	3, (4)
	7916	15832	ext. alarm text 5	32..125	ASCII	r	3, (4)
	7917	15834	ext. alarm text 6	32..125	ASCII	r	3, (4)
	7918	15836	ext. alarm text 7	32..125	ASCII	r	3, (4)
	7919	15838	ext. alarm text 8	32..125	ASCII	r	3, (4)
	7920	15840	ext. alarm text 9	32..125	ASCII	r	3, (4)
	7921	15842	ext. alarm text 10	32..125	ASCII	r	3, (4)
	7922	15844	ext. alarm text 11	32..125	ASCII	r	3, (4)
	7923	15846	ext. alarm text 12	32..125	ASCII	r	3, (4)
	7924	15848	ext. alarm text 13	32..125	ASCII	r	3, (4)
	7925	15850	ext. alarm text 14	32..125	ASCII	r	3, (4)
	7926	15852	ext. alarm text 15	32..125	ASCII	r	3, (4)
	7927	15854	ext. alarm text 16	32..125	ASCII	r	3, (4)
	7928	15856	ext. alarm text 17	32..125	ASCII	r	3, (4)
	7929	15858	ext. alarm text 18	32..125	ASCII	r	3, (4)
	7930	15860	ext. alarm text 19	32..125	ASCII	r	3, (4)
	8008	16016	ext. alarm digital in	0..42		r	3, (4)
	8009	16018	ext. alarm priorities	0..31		r	3, (4)
	8010	16020	ext. alarm delay	0..100	seconds	r	3, (4)
	8011	16022	ext. alarm text 0	32..125	ASCII	r	3, (4)
	8012	16024	ext. alarm text 1	32..125	ASCII	r	3, (4)
	8013	16026	ext. alarm text 2	32..125	ASCII	r	3, (4)
	8014	16028	ext. alarm text 3	32..125	ASCII	r	3, (4)
	8015	16030	ext. alarm text 4	32..125	ASCII	r	3, (4)
	8016	16032	ext. alarm text 5	32..125	ASCII	r	3, (4)
	8017	16034	ext. alarm text 6	32..125	ASCII	r	3, (4)
	8018	16036	ext. alarm text 7	32..125	ASCII	r	3, (4)
	8019	16038	ext. alarm text 8	32..125	ASCII	r	3, (4)
	8020	16040	ext. alarm text 9	32..125	ASCII	r	3, (4)
	8021	16042	ext. alarm text 10	32..125	ASCII	r	3, (4)
	8022	16044	ext. alarm text 11	32..125	ASCII	r	3, (4)
	8023	16046	ext. alarm text 12	32..125	ASCII	r	3, (4)
	8024	16048	ext. alarm text 13	32..125	ASCII	r	3, (4)
	8025	16050	ext. alarm text 14	32..125	ASCII	r	3, (4)
	8026	16052	ext. alarm text 15	32..125	ASCII	r	3, (4)
	8027	16054	ext. alarm text 16	32..125	ASCII	r	3, (4)
	8028	16056	ext. alarm text 17	32..125	ASCII	r	3, (4)
	8029	16058	ext. alarm text 18	32..125	ASCII	r	3, (4)
	8030	16060	ext. alarm text 19	32..125	ASCII	r	3, (4)
	8108	16216	ext. alarm digital in	0..42		r	3, (4)
	8109	16218	ext. alarm priorities	0..31		r	3, (4)
	8110	16220	ext. alarm delay	0..100	seconds	r	3, (4)
	8111	16222	ext. alarm text 0	32..125	ASCII	r	3, (4)
	8112	16224	ext. alarm text 1	32..125	ASCII	r	3, (4)
	8113	16226	ext. alarm text 2	32..125	ASCII	r	3, (4)
	8114	16228	ext. alarm text 3	32..125	ASCII	r	3, (4)
	8115	16230	ext. alarm text 4	32..125	ASCII	r	3, (4)
	8116	16232	ext. alarm text 5	32..125	ASCII	r	3, (4)
	8117	16234	ext. alarm text 6	32..125	ASCII	r	3, (4)
	8118	16236	ext. alarm text 7	32..125	ASCII	r	3, (4)
	8119	16238	ext. alarm text 8	32..125	ASCII	r	3, (4)
	8120	16240	ext. alarm text 9	32..125	ASCII	r	3, (4)
	8121	16242	ext. alarm text 10	32..125	ASCII	r	3, (4)
	8122	16244	ext. alarm text 11	32..125	ASCII	r	3, (4)
	8123	16246	ext. alarm text 12	32..125	ASCII	r	3, (4)
	8124	16248	ext. alarm text 13	32..125	ASCII	r	3, (4)
	8125	16250	ext. alarm text 14	32..125	ASCII	r	3, (4)
	8126	16252	ext. alarm text 15	32..125	ASCII	r	3, (4)
	8127	16254	ext. alarm text 16	32..125	ASCII	r	3, (4)
	8128	16256	ext. alarm text 17	32..125	ASCII	r	3, (4)
	8129	16258	ext. alarm text 18	32..125	ASCII	r	3, (4)
	8130	16260	ext. alarm text 19	32..125	ASCII	r	3, (4)
	8208	16416	ext. alarm digital in	0..42		r	3, (4)
	8209	16418	ext. alarm priorities	0..31		r	3, (4)
	8210	16420	ext. alarm delay	0..100	seconds	r	3, (4)
	8211	16422	ext. alarm text 0	32..125	ASCII	r	3, (4)
	8212	16424	ext. alarm text 1	32..125	ASCII	r	3, (4)
	8213	16426	ext. alarm text 2	32..125	ASCII	r	3, (4)
	8214	16428	ext. alarm text 3	32..125	ASCII	r	3, (4)
	8215	16430	ext. alarm text 4	32..125	ASCII	r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	8216	16432	ext. alarm text 5	32..125	ASCII	r	3, (4)
	8217	16434	ext. alarm text 6	32..125	ASCII	r	3, (4)
	8218	16436	ext. alarm text 7	32..125	ASCII	r	3, (4)
	8219	16438	ext. alarm text 8	32..125	ASCII	r	3, (4)
	8220	16440	ext. alarm text 9	32..125	ASCII	r	3, (4)
	8221	16442	ext. alarm text 10	32..125	ASCII	r	3, (4)
	8222	16444	ext. alarm text 11	32..125	ASCII	r	3, (4)
	8223	16446	ext. alarm text 12	32..125	ASCII	r	3, (4)
	8224	16448	ext. alarm text 13	32..125	ASCII	r	3, (4)
	8225	16450	ext. alarm text 14	32..125	ASCII	r	3, (4)
	8226	16452	ext. alarm text 15	32..125	ASCII	r	3, (4)
	8227	16454	ext. alarm text 16	32..125	ASCII	r	3, (4)
	8228	16456	ext. alarm text 17	32..125	ASCII	r	3, (4)
	8229	16458	ext. alarm text 18	32..125	ASCII	r	3, (4)
	8230	16460	ext. alarm text 19	32..125	ASCII	r	3, (4)
	8308	16616	ext. alarm digital in	0..42		r	3, (4)
	8309	16618	ext. alarm priorities	0..31		r	3, (4)
	8310	16620	ext. alarm delay	0..100	seconds	r	3, (4)
	8311	16622	ext. alarm text 0	32..125	ASCII	r	3, (4)
	8312	16624	ext. alarm text 1	32..125	ASCII	r	3, (4)
	8313	16626	ext. alarm text 2	32..125	ASCII	r	3, (4)
	8314	16628	ext. alarm text 3	32..125	ASCII	r	3, (4)
	8315	16630	ext. alarm text 4	32..125	ASCII	r	3, (4)
	8316	16632	ext. alarm text 5	32..125	ASCII	r	3, (4)
	8317	16634	ext. alarm text 6	32..125	ASCII	r	3, (4)
	8318	16636	ext. alarm text 7	32..125	ASCII	r	3, (4)
	8319	16638	ext. alarm text 8	32..125	ASCII	r	3, (4)
	8320	16640	ext. alarm text 9	32..125	ASCII	r	3, (4)
	8321	16642	ext. alarm text 10	32..125	ASCII	r	3, (4)
	8322	16644	ext. alarm text 11	32..125	ASCII	r	3, (4)
	8323	16646	ext. alarm text 12	32..125	ASCII	r	3, (4)
	8324	16648	ext. alarm text 13	32..125	ASCII	r	3, (4)
	8325	16650	ext. alarm text 14	32..125	ASCII	r	3, (4)
	8326	16652	ext. alarm text 15	32..125	ASCII	r	3, (4)
	8327	16654	ext. alarm text 16	32..125	ASCII	r	3, (4)
	8328	16656	ext. alarm text 17	32..125	ASCII	r	3, (4)
	8329	16658	ext. alarm text 18	32..125	ASCII	r	3, (4)
	8330	16660	ext. alarm text 19	32..125	ASCII	r	3, (4)
	8408	16816	ext. alarm digital in	0..42		r	3, (4)
	8409	16818	ext. alarm priorities	0..31		r	3, (4)
	8410	16820	ext. alarm delay	0..100	seconds	r	3, (4)
	8411	16822	ext. alarm text 0	32..125	ASCII	r	3, (4)
	8412	16824	ext. alarm text 1	32..125	ASCII	r	3, (4)
	8413	16826	ext. alarm text 2	32..125	ASCII	r	3, (4)
	8414	16828	ext. alarm text 3	32..125	ASCII	r	3, (4)
	8415	16830	ext. alarm text 4	32..125	ASCII	r	3, (4)
	8416	16832	ext. alarm text 5	32..125	ASCII	r	3, (4)
	8417	16834	ext. alarm text 6	32..125	ASCII	r	3, (4)
	8418	16836	ext. alarm text 7	32..125	ASCII	r	3, (4)
	8419	16838	ext. alarm text 8	32..125	ASCII	r	3, (4)
	8420	16840	ext. alarm text 9	32..125	ASCII	r	3, (4)
	8421	16842	ext. alarm text 10	32..125	ASCII	r	3, (4)
	8422	16844	ext. alarm text 11	32..125	ASCII	r	3, (4)
	8423	16846	ext. alarm text 12	32..125	ASCII	r	3, (4)
	8424	16848	ext. alarm text 13	32..125	ASCII	r	3, (4)
	8425	16850	ext. alarm text 14	32..125	ASCII	r	3, (4)
	8426	16852	ext. alarm text 15	32..125	ASCII	r	3, (4)
	8427	16854	ext. alarm text 16	32..125	ASCII	r	3, (4)
	8428	16856	ext. alarm text 17	32..125	ASCII	r	3, (4)
	8429	16858	ext. alarm text 18	32..125	ASCII	r	3, (4)
	8430	16860	ext. alarm text 19	32..125	ASCII	r	3, (4)
	8716	17432	eev1 battery holding time	0..254	seconds	r	3, (4)
	8717	17434	eev1 refrigerant	0..7		r	3, (4)
	8718	17436	eev1 MOP temperature	-400..400	-40.0..40.0°C	r	3, (4)
	8719	17438	eev1 superheat setpoint	5..300	0.5..30.0K	rw	3, (4)
	8720	17440	eev1 dehumidification superheat setpoint	5..300	0.5..30.0K	rw	3, (4)
	8721	17442	eev1 start-up opening duration	1..30	seconds	rw	3, (4)
	8722	17444	eev1 start-up opening	10..100	percent	rw	3, (4)
	8723	17446	eev1 valve type	1..5		r	3, (4)
	8724	17448	eev1 sensor type evaporationg pressure	0..3		r	3, (4)
	8725	17450	eev1 manual operation value	0..10000	0.0..100.0%	r	3, (4)
	8726	17452	eev1 current superheat setpoint	5..300	0.5..30.0K	r	3, (4)
	8727	17454	eev1 suction pressure	-7..500	-0.7..50.0bar	r	3, (4)
	8728	17456	eev1 saturation temperature	-500..500	-50.0..50.0°C	r	4, (3)

Modbus C7000IO

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	8729	17458	eev1 coil out temperature	-500..500	-50.0..50.0°C	r	4, (3)
	8730	17460	eev1 superheat	-500..500	-50.0..50.0K	r	4, (3)
	8731	17462	eev1 valve opening	0..1000	0.0..100.0%	r	4, (3)
	8816	17632	eev2 battery holding time	0..254	seconds	r	3, (4)
	8817	17634	eev2 refrigerant	0..7		r	3, (4)
	8818	17636	eev2 MOP temperature	-400..400	-40.0..40.0°C	r	3, (4)
	8819	17638	eev2 superheat setpoint	5..300	0.5..30.0K	rw	3, (4)
	8820	17640	eev2 dehumidification superheat setpoint	5..300	0.5..30.0K	rw	3, (4)
	8821	17642	eev2 start-up opening duration	1..30	seconds	rw	3, (4)
	8822	17644	eev2 start-up opening	10..100	percent	rw	3, (4)
	8823	17646	eev2 valve type	1..5		r	3, (4)
	8824	17648	eev2 sensor type evaporation pressure	0..3		r	3, (4)
	8825	17650	eev2 manual operation value	0..10000	0.0..100.0%	r	3, (4)
	8826	17652	eev2 current superheat setpoint	5..300	0.5..30.0K	r	3, (4)
	8827	17654	eev2 suction pressure	-7..500	-0.7..50.0bar	r	3, (4)
	8828	17656	eev2 saturation temperature	-500..500	-50.0..50.0°C	r	4, (3)
	8829	17658	eev2 coil out temperature	-500..500	-50.0..50.0°C	r	4, (3)
	8830	17660	eev2 superheat	-500..500	-50.0..50.0K	r	4, (3)
	8831	17662	eev2 valve opening	0..1000	0.0..100.0%	r	4, (3)
	8908	17816	valout purpose/use	1..23	#####	r	3, (4)
	8909	17818	valout type (reserved)	1..5		r	3, (4)
	8910	17820	valout analog output	0..20		r	3, (4)
	8911	17822	valout min value	0..200	0.0..20.0mA/V	r	3, (4)
	8912	17824	valout max value	0..200	0.0..20.0mA/V	r	3, (4)
	8913	17826	valout min phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	8914	17828	valout max phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	8915	17830	valout adjust offset (reserved)	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	8916	17832	valout current phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	8917	17834	valout current value (reserved)	0..200	0.0..20.0mA/V	r	4, (3)
	8918	17836	valout manual operation value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	9008	18016	valout purpose/use	1..23	#####	r	3, (4)
	9009	18018	valout type (reserved)	1..5		r	3, (4)
	9010	18020	valout analog output	0..20		r	3, (4)
	9011	18022	valout min value	0..200	0.0..20.0mA/V	r	3, (4)
	9012	18024	valout max value	0..200	0.0..20.0mA/V	r	3, (4)
	9013	18026	valout min phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	9014	18028	valout max phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	9015	18030	valout adjust offset (reserved)	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	9016	18032	valout current phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	9017	18034	valout current value (reserved)	0..200	0.0..20.0mA/V	r	4, (3)
	9018	18036	valout manual operation value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	9108	18216	valout purpose/use	1..23	#####	r	3, (4)
	9109	18218	valout type (reserved)	1..5		r	3, (4)
	9110	18220	valout analog output	0..20		r	3, (4)
	9111	18222	valout min value	0..200	0.0..20.0mA/V	r	3, (4)
	9112	18224	valout max value	0..200	0.0..20.0mA/V	r	3, (4)
	9113	18226	valout min phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	9114	18228	valout max phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	9115	18230	valout adjust offset (reserved)	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	9116	18232	valout current phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	9117	18234	valout current value (reserved)	0..200	0.0..20.0mA/V	r	4, (3)
	9118	18236	valout manual operation value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	9208	18416	valout purpose/use	1..23	#####	r	3, (4)
	9209	18418	valout type (reserved)	1..5		r	3, (4)
	9210	18420	valout analog output	0..20		r	3, (4)
	9211	18422	valout min value	0..200	0.0..20.0mA/V	r	3, (4)
	9212	18424	valout max value	0..200	0.0..20.0mA/V	r	3, (4)
	9213	18426	valout min phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	9214	18428	valout max phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	3, (4)
	9215	18430	valout adjust offset (reserved)	-500..500	-50.0..50.0K/%rF/bar	r	3, (4)
	9216	18432	valout current phys. value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	9217	18434	valout current value (reserved)	0..200	0.0..20.0mA/V	r	4, (3)
	9218	18436	valout manual operation value (reserved)	-1000..1000	-100.0..100.0°C/%rF/bar	r	4, (3)
	11808	23616	zone of unit0	1..32		r	3, (4)
	11809	23618	zone of unit1	1..32		r	3, (4)
	11810	23620	zone of unit2	1..32		r	3, (4)
	11811	23622	zone of unit3	1..32		r	3, (4)
	11812	23624	zone of unit4	1..32		r	3, (4)
	11813	23626	zone of unit5	1..32		r	3, (4)
	11814	23628	zone of unit6	1..32		r	3, (4)
	11815	23630	zone of unit7	1..32		r	3, (4)
	11816	23632	zone of unit8	1..32		r	3, (4)
	11817	23634	zone of unit9	1..32		r	3, (4)
	11818	23636	zone of unit10	1..32		r	3, (4)

Modbus C7000IOC

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
	11819	23638	zone of unit11	1..32		r	3, (4)
	11820	23640	zone of unit12	1..32		r	3, (4)
	11821	23642	zone of unit13	1..32		r	3, (4)
	11822	23644	zone of unit14	1..32		r	3, (4)
	11823	23646	zone of unit15	1..32		r	3, (4)
	11824	23648	zone of unit16	1..32		r	3, (4)
	11825	23650	zone of unit17	1..32		r	3, (4)
	11826	23652	zone of unit18	1..32		r	3, (4)
	11827	23654	zone of unit19	1..32		r	3, (4)
	11828	23656	zone of unit20	1..32		r	3, (4)
	11829	23658	zone of unit21	1..32		r	3, (4)
	11830	23660	zone of unit22	1..32		r	3, (4)
	11831	23662	zone of unit23	1..32		r	3, (4)
	11832	23664	zone of unit24	1..32		r	3, (4)
	11833	23666	zone of unit25	1..32		r	3, (4)
	11834	23668	zone of unit26	1..32		r	3, (4)
	11835	23670	zone of unit27	1..32		r	3, (4)
	11836	23672	zone of unit28	1..32		r	3, (4)
	11837	23674	zone of unit29	1..32		r	3, (4)
	11838	23676	zone of unit30	1..32		r	3, (4)
	11839	23678	zone of unit31	1..32		r	3, (4)
	14000	28000	system name	32..125	ASCII	r	3, (4)
	14001	28002	system name	32..125	ASCII	r	3, (4)
	14002	28004	system name	32..125	ASCII	r	3, (4)
	14003	28006	system name	32..125	ASCII	r	3, (4)
	14004	28008	system name	32..125	ASCII	r	3, (4)
	14005	28010	system name	32..125	ASCII	r	3, (4)
	14006	28012	system name	32..125	ASCII	r	3, (4)
	14007	28014	system name	32..125	ASCII	r	3, (4)
	14008	28016	system name	32..125	ASCII	r	3, (4)
	14009	28018	system name	32..125	ASCII	r	3, (4)
	14010	28020	system name	32..125	ASCII	r	3, (4)
	14011	28022	system name	32..125	ASCII	r	3, (4)
	14012	28024	system name	32..125	ASCII	r	3, (4)
	14013	28026	system name	32..125	ASCII	r	3, (4)
	14014	28028	system name	32..125	ASCII	r	3, (4)
	14015	28030	system name	32..125	ASCII	r	3, (4)
	14100	28200	unit name	32..125	ASCII	r	3, (4)
	14101	28202	unit name	32..125	ASCII	r	3, (4)
	14102	28204	unit name	32..125	ASCII	r	3, (4)
	14103	28206	unit name	32..125	ASCII	r	3, (4)
	14104	28208	unit name	32..125	ASCII	r	3, (4)
	14105	28210	unit name	32..125	ASCII	r	3, (4)
	14106	28212	unit name	32..125	ASCII	r	3, (4)
	14107	28214	unit name	32..125	ASCII	r	3, (4)
	14108	28216	unit name	32..125	ASCII	r	3, (4)
	14109	28218	unit name	32..125	ASCII	r	3, (4)
	14110	28220	unit name	32..125	ASCII	r	3, (4)
	14111	28222	unit name	32..125	ASCII	r	3, (4)
	14112	28224	unit name	32..125	ASCII	r	3, (4)
	14113	28226	unit name	32..125	ASCII	r	3, (4)
	14114	28228	unit name	32..125	ASCII	r	3, (4)
	14115	28230	unit name	32..125	ASCII	r	3, (4)

Modbus C7000AT

tit le	Stulz- Adr.	MODBUS- adr.	Description	allowed range	mapped meaning	BMS- access	Modbus- function
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