
 These datapoint-adresses (0..999) should be equally used in all different unit-types!!

MODBUS- Adresse	Description	allowed range	mapped meaning	BMS- access	Modbus-function
0	hardware type (controller type)	--	--	r	3, (4)
2	unit-type	--	--	r	3, (4)
4	HW-version	--	--	r	3, (4)
6	SW-version	--	--	r	3, (4)
8	number of modules	--	--	--	
10	Bus-ID	0..31	0..31	r	3, (4)
12	global adress	whole	positive	r	3, (4)
14					
8	general error	0/1	ok/error	r	1, (2)
9	error on bus	0/1	ok/error	--	
10		0/1			
11		0/1			
12		0/1			
13		0/1			
14		0/1			
15		0/1			
32					

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MODBUS-Adresse	C7000IOC Description	allowed range	mapped meaning	BMS-access	Modbus-functions
0	see combined list C7000 common				
1998					
1000	PC-STOP (monitoring)	0 / 1	maybe on / unit off	rw	1, (2), 5
1001	REMOTE STOP (contact)	0 / 1	maybe on / unit off	r	1, (2)
1002	LOCAL STOP	0 / 1	maybe on / unit off	r	1, (2)
1003	TIMER-STOP (weekly oper.)	0 / 1	maybe on / unit off	r	1, (2)
1004	SEQ. Stop (0=No, 1=Yes)	0 / 1	maybe on / unit off	r	1, (2)
1005	WARM UP STOP	0 / 1	maybe on / unit off	r	1, (2)
1006	Remote UPS	0 / 1	inactive/active	rw	1, (2), 5
1007	Local UPS	0 / 1	inactive/active	r	2, (1)
1008	G/CW-mode; G:1, CW:0	0 / 1	CW/G	rw	1, (2), 5
1009	manual operation	0	reset	w	5
1010	common alarm	0 / 1	no alarm / alarm	r	2, (1)
1011	reset all alarms	1	reset	w	5
1012	manual operation raw output	0 / 1	inactive/active	r	1, (2)
1013	Unit on / off	0 / 1	off/on	r	2, (1)
1014	maintenance necessary	0 / 1	required / no	r	2, (1)
1015	maintenance done	1	resets maintenace	--	
2032	unit year	0..99	2000..2099	r	
2034	unit month	1..12		r	
2036	unit day	1..31		r	
2038	unit hour	0..23		r	
2040	unit minute	0..59		r	
2042	unit second	0..59		r	
1022	unit temperature phys. unit	0/1	Celsius/Fahrenheit	r	1, (2)
1023	unit winter mode	0/1	Summer / Winter	r	2, (1)
1024	day/night-mode	0/1	day / night	r	2, (1)
1025					
1026					
1027					
1028					
1029					
2060	IOC service language	0/1	English / German	r	3, (4)
2062	LT display language	0/1	English / German	r	3, (4)
1032	unit firmware-options, byte 1, option 0	0/1		r	2, (1)
1033	unit firmware-options	0/1		r	2, (1)
1034	unit firmware-options	0/1		r	2, (1)
1035	unit firmware-options	0/1		r	2, (1)
1036	unit firmware-options	0/1		r	2, (1)
1037	unit firmware-options	0/1		r	2, (1)
1038	unit firmware-options	0/1		r	2, (1)
1039	unit firmware-options	0/1		r	2, (1)
1040	unit firmware-options, byte 2, option 8	0/1		r	2, (1)
1041	unit firmware-options	0/1		r	2, (1)
1042	unit firmware-options	0/1		r	2, (1)
1043	unit firmware-options	0/1		r	2, (1)
1044	unit firmware-options	0/1		r	2, (1)
1045	unit firmware-options	0/1		r	2, (1)
1046	unit firmware-options	0/1		r	2, (1)
1047	unit firmware-options	0/1		r	2, (1)
1048	unit firmware-options, byte 3, option 16	0/1		r	2, (1)
1049	unit firmware-options	0/1		r	2, (1)
1050	unit firmware-options	0/1		r	2, (1)
1051	unit firmware-options	0/1		r	2, (1)
1052	unit firmware-options	0/1		r	2, (1)
1053	unit firmware-options	0/1		r	2, (1)
1054	unit firmware-options	0/1		r	2, (1)
1055	unit firmware-options	0/1		r	2, (1)
1056	unit firmware-options, byte 4, option 24	0/1		r	2, (1)
1057	unit firmware-options	0/1		r	2, (1)
1058	unit firmware-options	0/1		r	2, (1)
1059	unit firmware-options	0/1		r	2, (1)

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1060	unit firmware-options	0/1		r	2, (1)
1061	unit firmware-options	0/1		r	2, (1)
1062	unit firmware-options	0/1		r	2, (1)
1063	unit firmware-options	0/1		r	2, (1)
1064	unit firmware-options, byte 5, option 32	0/1		r	2, (1)
1065	unit firmware-options	0/1		r	2, (1)
1066	unit firmware-options	0/1		r	2, (1)
1067	unit firmware-options	0/1		r	2, (1)
1068	unit firmware-options	0/1		r	2, (1)
1069	unit firmware-options	0/1		r	2, (1)
1070	unit firmware-options	0/1		r	2, (1)
1071	unit firmware-options	0/1		r	2, (1)
1072	unit firmware-options, byte 6, option 40	0/1		r	2, (1)
1073	unit firmware-options	0/1		r	2, (1)
1074	unit firmware-options	0/1		r	2, (1)
1075	unit firmware-options	0/1		r	2, (1)
1076	unit firmware-options	0/1		r	2, (1)
1077	unit firmware-options	0/1		r	2, (1)
1078	unit firmware-options	0/1		r	2, (1)
1079	unit firmware-options	0/1		r	2, (1)
1080	unit firmware-options, byte 7, option 48	0/1		r	2, (1)
1081	unit firmware-options	0/1		r	2, (1)
1082	unit firmware-options	0/1		r	2, (1)
1083	unit firmware-options	0/1		r	2, (1)
1084	unit firmware-options	0/1		r	2, (1)
1085	unit firmware-options	0/1		r	2, (1)
1086	unit firmware-options	0/1		r	2, (1)
1087	unit firmware-options	0/1		r	2, (1)
1088	unit firmware-options, byte 8, option 56	0/1		r	2, (1)
1089	unit firmware-options	0/1		r	2, (1)
1090	unit firmware-options	0/1		r	2, (1)
1091	unit firmware-options	0/1		r	2, (1)
1092	unit firmware-options	0/1		r	2, (1)
1093	unit firmware-options	0/1		r	2, (1)
1094	unit firmware-options	0/1		r	2, (1)
1095	unit firmware-options	0/1		r	2, (1)
1096	unit firmware-options, byte 9, option 64	0/1		r	2, (1)
1097	unit firmware-options	0/1		r	2, (1)
1098	unit firmware-options	0/1		r	2, (1)
1099	unit firmware-options	0/1		r	2, (1)
1100	unit firmware-options	0/1		r	2, (1)
1101	unit firmware-options	0/1		r	2, (1)
1102	unit firmware-options	0/1		r	2, (1)
1103	unit firmware-options	0/1		r	2, (1)
1104	unit firmware-options, byte 10, option 72	0/1		r	2, (1)
1105	unit firmware-options	0/1		r	2, (1)
1106	unit firmware-options	0/1		r	2, (1)
1107	unit firmware-options	0/1		r	2, (1)
1108	unit firmware-options	0/1		r	2, (1)
1109	unit firmware-options	0/1		r	2, (1)
1110	unit firmware-options	0/1		r	2, (1)
1111	unit firmware-options	0/1		r	2, (1)
1112	unit firmware-options, byte 11, option 80	0/1		r	2, (1)
1113	unit firmware-options	0/1		r	2, (1)
1114	unit firmware-options	0/1		r	2, (1)
1115	unit firmware-options	0/1		r	2, (1)
1116	unit firmware-options	0/1		r	2, (1)
1117	unit firmware-options	0/1		r	2, (1)
1118	unit firmware-options	0/1		r	2, (1)
1119	unit firmware-options	0/1		r	2, (1)
1120	unit firmware-options, byte 12, option 88	0/1		r	2, (1)
1121	unit firmware-options	0/1		r	2, (1)
1122	unit firmware-options	0/1		r	2, (1)
1123	unit firmware-options	0/1		r	2, (1)
1124	unit firmware-options	0/1		r	2, (1)
1125	unit firmware-options	0/1		r	2, (1)

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1126	unit firmware-options	0/1		r	2, (1)
1127	unit firmware-options	0/1		r	2, (1)
1128	unit firmware-options, byte 13, option 96	0/1		r	2, (1)
1129	unit firmware-options	0/1		r	2, (1)
1130	unit firmware-options	0/1		r	2, (1)
1131	unit firmware-options	0/1		r	2, (1)
1132	unit firmware-options	0/1		r	2, (1)
1133	unit firmware-options	0/1		r	2, (1)
1134	unit firmware-options	0/1		r	2, (1)
1135	unit firmware-options	0/1		r	2, (1)
1136	unit firmware-options, byte 14, option 104	0/1		r	2, (1)
1137	unit firmware-options	0/1		r	2, (1)
1138	unit firmware-options	0/1		r	2, (1)
1139	unit firmware-options	0/1		r	2, (1)
1140	unit firmware-options	0/1		r	2, (1)
1141	unit firmware-options	0/1		r	2, (1)
1142	unit firmware-options	0/1		r	2, (1)
1143	unit firmware-options	0/1		r	2, (1)
1144	unit firmware-options, byte 15, option 112	0/1		r	2, (1)
1145	unit firmware-options	0/1		r	2, (1)
1146	unit firmware-options	0/1		r	2, (1)
1147	unit firmware-options	0/1		r	2, (1)
1148	unit firmware-options	0/1		r	2, (1)
1149	unit firmware-options	0/1		r	2, (1)
1150	unit firmware-options	0/1		r	2, (1)
1151	unit firmware-options	0/1		r	2, (1)
1152	unit firmware-options, byte 16, option 120	0/1		r	2, (1)
1153	unit firmware-options	0/1		r	2, (1)
1154	unit firmware-options	0/1		r	2, (1)
1155	unit firmware-options	0/1		r	2, (1)
1156	unit firmware-options	0/1		r	2, (1)
1157	unit firmware-options	0/1		r	2, (1)
1158	unit firmware-options	0/1		r	2, (1)
1159	unit firmware-options	0/1		r	2, (1)
2320	unit last maintenance year	0..99	2000..2099	r	3, (4)
2322	unit last maintenance month	1..12		r	3, (4)
2324	unit last maintenance day	1..31		r	3, (4)
2326	unit maintenance intervall	1..255	1month..255months	r	3, (4)
2328	unit runtime unit	0..0xFFFFFFFF	hours	r	3, (4)
2330	unit stoptime unit	0..0xFFFFFFFF	hours	r	3, (4)
2332	unit runtime cooling	0..0xFFFFFFFF	hours	r	3, (4)
2334	unit runtime heating	0..0xFFFFFFFF	hours	r	3, (4)
2336	unit runtime humidification	0..0xFFFFFFFF	hours	r	3, (4)
2338	unit runtime dehumidification	0..0xFFFFFFFF	hours	r	3, (4)
2340	unit temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
2342	unit humidity	0..1000	0..100,0%rF	r	4, (3)
2344	unit emergency temperature	0..400	0..40,0°C	r	3, (4)
2346	unit setpoint temperature day	50..350	5,0..35,0°C	rw	3, (4)
2348	unit setpoint temperature night	50..350	5,0..35,0°C	rw	3, (4)
2350	unit setpoint temperature corrected	-1000..1000	-100,0..100,0°C	r	3, (4)
2352	unit setpoint humidity	50..900	5,0..90,0%rF	rw	3, (4)
2354	unit setpoint humidity 2			rw	3, (4)
2356	unit setpoint humidity corrected	0..1000	0..100,0%rF	r	3, (4)
2358	unit temperature setpoint day shift	-127..+127	-12,7K..+12,7K	rw	
2360	unit temperature setpoint night shift	-127..+127	-12,7K..+12,7K	rw	
2362	unit humidity setpoint day shift	-127..+127	-12,7%..+12,7%	rw	
2364	unit humidity setpoint night shift	-127..+127	-12,7%..+12,7%	rw	
2366	unit control type	1..4	ply, room (sup.lim), sup.	r	3, (4)
2368	limited control: start temperature	0..400	0..40,0°C	r	3, (4)
2370	limited control: lineary range temperature	0..200	0,0K..20,0K	r	3, (4)
2372	limited control: start humidity	0..900	0,0..90,0%rF	r	3, (4)
2374	limited control: lineary range humidity	0..200	0,0%..20,0%	r	3, (4)
2376	unit winter-mode starttemp	50..350	5,0..35,0°C	r	3, (4)
2378	unit winter-mode hysteresis	10..99	1,0..9,9K	r	3, (4)
2380	unit integral factor	0..10	0..10%	r	3, (4)
2382	unit watertemperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)

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2384	unit return air temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
2386	unit supply air temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
2388	unit return air humidity	0..1000	0,0..100,0%rF	r	4, (3)
2390	unit supply air humidity	0..1000	0,0..100,0%rF	r	4, (3)
2392	unit outside air temperature	-1000..1000	-100,0..100,0°C	r	4, (3)
2394	unit outside air humidity	0..1000	0,0..100,0%rF	r	4, (3)
2396	unit cooling priority	0..2	GE / CW / DX	r	3, (4)
2398	outside temperature for pressure	50..350	5,0..35,0°C	r	3, (4)
2400	gradient for pressure	0..200	0,0..20,0	r	3, (4)
2402	keypad control unit	0..31	bus-adr	r	3, (4)
2404	unit watertemperature 2	-1000..1000	-100,0..100,0°C	r	4, (3)
1250	loaddefault dx1	1		--	
1251	loaddefault dx2	1		--	
1252	loaddefault cw	1		--	
1253	loaddefault cw2	1		--	
1254	loaddefault agcw1	1		--	
1255	loaddefault agcw2	1		--	
1256	loaddefault ge11	1		--	
1257	loaddefault ge12	1		--	
1258	loaddefault ge21	1		--	
1259	loaddefault ge22	1		--	
2584	Password control digit 1	0..9		-	
2586	Password control digit 2	0..9		-	
2588	Password control digit 3	0..9		-	
2590	Password control digit 4	0..9		-	
2592	Password service digit 1	0..9		-	
2594	Password service digit 2	0..9		-	
2596	Password service digit 3	0..9		-	
2598	Password service digit 4	0..9		-	
1300	unit weekly programm; monday 0:00..0:59	0/1	off,day,night	rw	1, (2)
1301	unit weekly programm; monday 0:00..0:59	0/1		rw	1, (2)
1302	unit weekly programm; monday 1:00..1:59	0/1		rw	1, (2)
1303	unit weekly programm; monday 1:00..1:59	0/1		rw	1, (2)
1304	unit weekly programm; monday 2:00..2:59	0/1		rw	1, (2)
1305	unit weekly programm; monday 2:00..2:59	0/1		rw	1, (2)
1306	unit weekly programm; monday 3:00..3:59	0/1		rw	1, (2)
1307	unit weekly programm; monday 3:00..3:59	0/1		rw	1, (2)
1308	unit weekly programm; monday 4:00..4:59	0/1		rw	1, (2)
1309	unit weekly programm; monday 4:00..4:59	0/1		rw	1, (2)
1310	unit weekly programm; monday 5:00..5:59	0/1		rw	1, (2)
1311	unit weekly programm; monday 5:00..5:59	0/1		rw	1, (2)
1312	unit weekly programm; monday 6:00..6:59	0/1		rw	1, (2)
1313	unit weekly programm; monday 6:00..6:59	0/1		rw	1, (2)
1314	unit weekly programm; monday 7:00..7:59	0/1		rw	1, (2)
1315	unit weekly programm; monday 7:00..7:59	0/1		rw	1, (2)
1316	unit weekly programm; monday 8:00..8:59	0/1		rw	1, (2)
1317	unit weekly programm; monday 8:00..8:59	0/1		rw	1, (2)
1318	unit weekly programm; monday 9:00..9:59	0/1		rw	1, (2)
1319	unit weekly programm; monday 9:00..9:59	0/1		rw	1, (2)
1320	unit weekly programm; monday 10:00..10	0/1		rw	1, (2)
1321	unit weekly programm; monday 10:00..10	0/1		rw	1, (2)
1322	unit weekly programm; monday 11:00..11	0/1		rw	1, (2)
1323	unit weekly programm; monday 11:00..11	0/1		rw	1, (2)
1324	unit weekly programm; monday 12:00..12	0/1		rw	1, (2)
1325	unit weekly programm; monday 12:00..12	0/1		rw	1, (2)
1326	unit weekly programm; monday 13:00..13	0/1		rw	1, (2)
1327	unit weekly programm; monday 13:00..13	0/1		rw	1, (2)
1328	unit weekly programm; monday 14:00..14	0/1		rw	1, (2)
1329	unit weekly programm; monday 14:00..14	0/1		rw	1, (2)

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1594	unit weekly programm; sunday 3:00..3:59	0/1		rw	1, (2)
1595	unit weekly programm; sunday 3:00..3:59	0/1		rw	1, (2)
1596	unit weekly programm; sunday 4:00..4:59	0/1		rw	1, (2)
1597	unit weekly programm; sunday 4:00..4:59	0/1		rw	1, (2)
1598	unit weekly programm; sunday 5:00..5:59	0/1		rw	1, (2)
1599	unit weekly programm; sunday 5:00..5:59	0/1		rw	1, (2)
1600	unit weekly programm; sunday 6:00..6:59	0/1		rw	1, (2)
1601	unit weekly programm; sunday 6:00..6:59	0/1		rw	1, (2)
1602	unit weekly programm; sunday 7:00..7:59	0/1		rw	1, (2)
1603	unit weekly programm; sunday 7:00..7:59	0/1		rw	1, (2)
1604	unit weekly programm; sunday 8:00..8:59	0/1		rw	1, (2)
1605	unit weekly programm; sunday 8:00..8:59	0/1		rw	1, (2)
1606	unit weekly programm; sunday 9:00..9:59	0/1		rw	1, (2)
1607	unit weekly programm; sunday 9:00..9:59	0/1		rw	1, (2)
1608	unit weekly programm; sunday 10:00..10:59	0/1		rw	1, (2)
1609	unit weekly programm; sunday 10:00..10:59	0/1		rw	1, (2)
1610	unit weekly programm; sunday 11:00..11:59	0/1		rw	1, (2)
1611	unit weekly programm; sunday 11:00..11:59	0/1		rw	1, (2)
1612	unit weekly programm; sunday 12:00..12:59	0/1		rw	1, (2)
1613	unit weekly programm; sunday 12:00..12:59	0/1		rw	1, (2)
1614	unit weekly programm; sunday 13:00..13:59	0/1		rw	1, (2)
1615	unit weekly programm; sunday 13:00..13:59	0/1		rw	1, (2)
1616	unit weekly programm; sunday 14:00..14:59	0/1		rw	1, (2)
1617	unit weekly programm; sunday 14:00..14:59	0/1		rw	1, (2)
1618	unit weekly programm; sunday 15:00..15:59	0/1		rw	1, (2)
1619	unit weekly programm; sunday 15:00..15:59	0/1		rw	1, (2)
1620	unit weekly programm; sunday 16:00..16:59	0/1		rw	1, (2)
1621	unit weekly programm; sunday 16:00..16:59	0/1		rw	1, (2)
1622	unit weekly programm; sunday 17:00..17:59	0/1		rw	1, (2)
1623	unit weekly programm; sunday 17:00..17:59	0/1		rw	1, (2)
1624	unit weekly programm; sunday 18:00..18:59	0/1		rw	1, (2)
1625	unit weekly programm; sunday 18:00..18:59	0/1		rw	1, (2)
1626	unit weekly programm; sunday 19:00..19:59	0/1		rw	1, (2)
1627	unit weekly programm; sunday 19:00..19:59	0/1		rw	1, (2)
1628	unit weekly programm; sunday 20:00..20:59	0/1		rw	1, (2)
1629	unit weekly programm; sunday 20:00..20:59	0/1		rw	1, (2)
1630	unit weekly programm; sunday 21:00..21:59	0/1		rw	1, (2)
1631	unit weekly programm; sunday 21:00..21:59	0/1		rw	1, (2)
1632	unit weekly programm; sunday 22:00..22:59	0/1		rw	1, (2)
1633	unit weekly programm; sunday 22:00..22:59	0/1		rw	1, (2)
1634	unit weekly programm; sunday 23:00..23:59	0/1		rw	1, (2)
1635	unit weekly programm; sunday 23:00..23:59	0/1		rw	1, (2)
3400	common alarm DOUT	0..31		r	3, (4)
3402	winter mode DOUT	0..31		r	3, (4)
3404	remote on/off DIN	0..42		r	3, (4)
3406	ups DIN	0..42		r	3, (4)
3408	fire alarm DIN	0..42		r	3, (4)
3410	water alarm DIN	0..42		r	3, (4)
3412					
3414	phase alarm DIN	0..42		r	3, (4)
3416	CW-disable/DX-enable DIN	0..42		r	3, (4)
3418	temperature AOUT	0..20		r	3, (4)
3420	humidity AOUT	0..20		r	3, (4)
3422	fire alarm priorities	0..31		r	3, (4)
3424	fire alarm delay	0..100	seconds	r	3, (4)
3426	water alarm priorities	0..31		r	3, (4)
3428	water alarm delay	0..100	seconds	r	3, (4)
3430	phase alarm priorities	0..31		r	3, (4)
3432	phase alarm delay	0..100	seconds	r	3, (4)
1742	fire alarm common alarm	0/1		r	1, (2)
1743	water alarm common alarm	0/1		r	1, (2)
1744	phase alarm common alarm	0/1		r	1, (2)
1745		0/1		r	1, (2)
1746		0/1		r	2, (1)

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1747		0/1		r	2, (1)
1748		0/1		r	2, (1)
1749		0/1		r	2, (1)
1750	ups action cooling	0/1		r	1, (2)
1751	ups action heating	0/1		r	1, (2)
1752	ups action humidification	0/1		r	1, (2)
1753	ups action dehumidification	0/1		r	1, (2)
1754	unit cooling	0/1		r	2, (1)
1755	unit heating	0/1		r	2, (1)
1756	unit humidification	0/1		r	2, (1)
1757	unit dehumidification	0/1		r	2, (1)
3516	number of EDIO	0..4	0..4	r	4, (3)
3518	number of EAIO	0..4	0..4	r	4, (3)
3520	type of EBUS	0..1	0: none; 1: RS485	r	4, (3)
3522	number of compressors	0..2		r	
3524	number of suction valve	0..2		r	
3526	number of drycoolers	0..4		r	
3528	number of pumps	0..4		r	
3530	number of e-heatings	0..4		r	
3532	number of humidifiers	0..3		r	
3534	number of fans	0..3		r	
3536	number of louvers	0..3		r	
3538	number of sensors	0..21		r	
3540	number of ext alarm in	0..10		r	
3542	number of ge/cw valves	0..1		r	
3544	number of hotgas reheat	0..1		r	
3546	number of pww heatings	0..1		r	
3548	number of dehumidifiers	0..1		r	
1800	DIN1	0 / 1	inactive/active	r	2, (1)
1801	DIN2	0 / 1	inactive/active	r	2, (1)
1802	DIN3	0 / 1	inactive/active	r	2, (1)
1803	DIN4	0 / 1	inactive/active	r	2, (1)
1804	DIN5	0 / 1	inactive/active	r	2, (1)
1805	DIN6	0 / 1	inactive/active	r	2, (1)
1806	DIN7	0 / 1	inactive/active	r	2, (1)
1807	DIN8	0 / 1	inactive/active	r	2, (1)
1808	DIN9	0 / 1	inactive/active	r	2, (1)
1809	DIN10	0 / 1	inactive/active	r	2, (1)
1810	DIN11	0 / 1	inactive/active	r	2, (1)
1811	DIN12	0 / 1	inactive/active	r	2, (1)
1812	DIN13	0 / 1	inactive/active	r	2, (1)
1813	DIN14	0 / 1	inactive/active	r	2, (1)
1814	DIN15	0 / 1	inactive/active	r	2, (1)
1815	DIN16	0 / 1	inactive/active	r	2, (1)
1816	DIN17	0 / 1	inactive/active	r	2, (1)
1817	DIN18	0 / 1	inactive/active	r	2, (1)
1818	DIN19	0 / 1	inactive/active	r	2, (1)
1819	DIN20	0 / 1	inactive/active	r	2, (1)
1820	DIN21	0 / 1	inactive/active	r	2, (1)
1821	DIN22	0 / 1	inactive/active	r	2, (1)
1822	DIN23	0 / 1	inactive/active	r	2, (1)
1823	DIN24	0 / 1	inactive/active	r	2, (1)
1824	DIN25	0 / 1	inactive/active	r	2, (1)
1825	DIN26	0 / 1	inactive/active	r	2, (1)
1826	DIN27	0 / 1	inactive/active	r	2, (1)
1827	DIN28	0 / 1	inactive/active	r	2, (1)
1828	DIN29	0 / 1	inactive/active	r	2, (1)
1829	DIN30	0 / 1	inactive/active	r	2, (1)
1830	DIN31	0 / 1	inactive/active	r	2, (1)
1831	DIN32	0 / 1	inactive/active	r	2, (1)
1832	DIN33	0 / 1	inactive/active	r	2, (1)
1833	DIN34	0 / 1	inactive/active	r	2, (1)
1834	DIN35	0 / 1	inactive/active	r	2, (1)
1835	DIN36	0 / 1	inactive/active	r	2, (1)

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1836	DIN37	0 / 1	inactive/active	r	2, (1)
1837	DIN38	0 / 1	inactive/active	r	2, (1)
1838	DIN39	0 / 1	inactive/active	r	2, (1)
1839	DIN40	0 / 1	inactive/active	r	2, (1)
1840	DIN41	0 / 1	inactive/active	r	2, (1)
1841	DIN42	0 / 1	inactive/active	r	2, (1)
1842	DIN43	0 / 1	inactive/active	r	2, (1)
1843	DOUT1	0 / 1	inactive/active	r	1, (2)
1844	DOUT2	0 / 1	inactive/active	r	1, (2)
1845	DOUT3	0 / 1	inactive/active	r	1, (2)
1846	DOUT4	0 / 1	inactive/active	r	1, (2)
1847	DOUT5	0 / 1	inactive/active	r	1, (2)
1848	DOUT6	0 / 1	inactive/active	r	1, (2)
1849	DOUT7	0 / 1	inactive/active	r	1, (2)
1850	DOUT8	0 / 1	inactive/active	r	1, (2)
1851	DOUT9	0 / 1	inactive/active	r	1, (2)
1852	DOUT10	0 / 1	inactive/active	r	1, (2)
1853	DOUT11	0 / 1	inactive/active	r	1, (2)
1854	DOUT12	0 / 1	inactive/active	r	1, (2)
1855	DOUT13	0 / 1	inactive/active	r	1, (2)
1856	DOUT14	0 / 1	inactive/active	r	1, (2)
1857	DOUT15	0 / 1	inactive/active	r	1, (2)
1858	DOUT16	0 / 1	inactive/active	r	1, (2)
1859	DOUT17	0 / 1	inactive/active	r	1, (2)
1860	DOUT18	0 / 1	inactive/active	r	1, (2)
1861	DOUT19	0 / 1	inactive/active	r	1, (2)
1862	DOUT20	0 / 1	inactive/active	r	1, (2)
1863	DOUT21	0 / 1	inactive/active	r	1, (2)
1864	DOUT22	0 / 1	inactive/active	r	1, (2)
1865	DOUT23	0 / 1	inactive/active	r	1, (2)
1866	DOUT24	0 / 1	inactive/active	r	1, (2)
1867	DOUT25	0 / 1	inactive/active	r	1, (2)
1868	DOUT26	0 / 1	inactive/active	r	1, (2)
1869	DOUT27	0 / 1	inactive/active	r	1, (2)
1870	DOUT28	0 / 1	inactive/active	r	1, (2)
1871	DOUT29	0 / 1	inactive/active	r	1, (2)
1872	DOUT30	0 / 1	inactive/active	r	1, (2)
1873	DOUT31	0 / 1	inactive/active	r	1, (2)
3800	AIN1	0..4095		r	4, (3)
3802	AIN2	0..4095		r	4, (3)
3804	AIN3	0..4095		r	4, (3)
3806	AIN4	0..4095		r	4, (3)
3808	AIN5	0..4095		r	4, (3)
3810	AIN6	0..4095		r	4, (3)
3812	AIN7	0..4095		r	4, (3)
3814	AIN8	0..4095		r	4, (3)
3816	AIN9	0..4095		r	4, (3)
3818	AIN10	0..4095		r	4, (3)
3820	AIN11	0..4095		r	4, (3)
3822	AIN12	0..4095		r	4, (3)
3824	AIN13	0..4095		r	4, (3)
3826	AIN14	0..4095		r	4, (3)
3828	AIN15	0..4095		r	4, (3)
3830	AIN16	0..4095		r	4, (3)
3832	AIN17	0..4095		r	4, (3)
3834	AIN18	0..4095		r	4, (3)
3836	AIN19	0..4095		r	4, (3)
3838	AIN20	0..4095		r	4, (3)
3840	AIN21	0..4095		r	4, (3)
3842	AOUT1	0..4095		r	3, (4)
3844	AOUT2	0..4095		r	3, (4)
3846	AOUT3	0..4095		r	3, (4)
3848	AOUT4	0..4095		r	3, (4)
3850	AOUT5	0..4095		r	3, (4)
3852	AOUT6	0..4095		r	3, (4)

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3854	AOUT7	0..4095		r	3, (4)
3856	AOUT8	0..4095		r	3, (4)
3858	AOUT9	0..4095		r	3, (4)
3860	AOUT10	0..4095		r	3, (4)
3862	AOUT11	0..4095		r	3, (4)
3864	AOUT12	0..4095		r	3, (4)
3866	AOUT13	0..4095		r	3, (4)
3868	AOUT14	0..4095		r	3, (4)
3870	AOUT15	0..4095		r	3, (4)
3872	AOUT16	0..4095		r	3, (4)
3874	AOUT17	0..4095		r	3, (4)
3876	AOUT18	0..4095		r	3, (4)
3878	AOUT19	0..4095		r	3, (4)
3880	AOUT20	0..4095		r	3, (4)
4000	config. Of DIN1			r	4, (3)
4002	config. Of DIN2			r	4, (3)
4004	config. Of DIN3			r	4, (3)
4006	config. Of DIN4			r	4, (3)
4008	config. Of DIN5			r	4, (3)
4010	config. Of DIN6			r	4, (3)
4012	config. Of DIN7			r	4, (3)
4014	config. Of DIN8			r	4, (3)
4016	config. Of DIN9			r	4, (3)
4018	config. Of DIN10			r	4, (3)
4020	config. Of DIN11			r	4, (3)
4022	config. Of DIN12			r	4, (3)
4024	config. Of DIN13			r	4, (3)
4026	config. Of DIN14			r	4, (3)
4028	config. Of DIN15			r	4, (3)
4030	config. Of DIN16			r	4, (3)
4032	config. Of DIN17			r	4, (3)
4034	config. Of DIN18			r	4, (3)
4036	config. Of DIN19			r	4, (3)
4038	config. Of DIN20			r	4, (3)
4040	config. Of DIN21			r	4, (3)
4042	config. Of DIN22			r	4, (3)
4044	config. Of DIN23			r	4, (3)
4046	config. Of DIN24			r	4, (3)
4048	config. Of DIN25			r	4, (3)
4050	config. Of DIN26			r	4, (3)
4052	config. Of DIN27			r	4, (3)
4054	config. Of DIN28			r	4, (3)
4056	config. Of DIN29			r	4, (3)
4058	config. Of DIN30			r	4, (3)
4060	config. Of DIN31			r	4, (3)
4062	config. Of DIN32			r	4, (3)
4064	config. Of DIN33			r	4, (3)
4066	config. Of DIN34			r	4, (3)
4068	config. Of DIN35			r	4, (3)
4070	config. Of DIN36			r	4, (3)
4072	config. Of DIN37			r	4, (3)
4074	config. Of DIN38			r	4, (3)
4076	config. Of DIN39			r	4, (3)
4078	config. Of DIN40			r	4, (3)
4080	config. Of DIN41			r	4, (3)
4082	config. Of DIN42			r	4, (3)
4084	config. Of DIN43			r	4, (3)
4086	config. Of DOUT1			r	4, (3)
4088	config. Of DOUT2			r	4, (3)
4090	config. Of DOUT3			r	4, (3)
4092	config. Of DOUT4			r	4, (3)
4094	config. Of DOUT5			r	4, (3)
4096	config. Of DOUT6			r	4, (3)
4098	config. Of DOUT7			r	4, (3)
4100	config. Of DOUT8			r	4, (3)

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4102	config. Of DOUT9			r	4, (3)
4104	config. Of DOUT10			r	4, (3)
4106	config. Of DOUT11			r	4, (3)
4108	config. Of DOUT12			r	4, (3)
4110	config. Of DOUT13			r	4, (3)
4112	config. Of DOUT14			r	4, (3)
4114	config. Of DOUT15			r	4, (3)
4116	config. Of DOUT16			r	4, (3)
4118	config. Of DOUT17			r	4, (3)
4120	config. Of DOUT18			r	4, (3)
4122	config. Of DOUT19			r	4, (3)
4124	config. Of DOUT20			r	4, (3)
4126	config. Of DOUT21			r	4, (3)
4128	config. Of DOUT22			r	4, (3)
4130	config. Of DOUT23			r	4, (3)
4132	config. Of DOUT24			r	4, (3)
4134	config. Of DOUT25			r	4, (3)
4136	config. Of DOUT26			r	4, (3)
4138	config. Of DOUT27			r	4, (3)
4140	config. Of DOUT28			r	4, (3)
4142	config. Of DOUT29			r	4, (3)
4144	config. Of DOUT30			r	4, (3)
4146	config. Of DOUT31			r	4, (3)
4148	config. Of AIN1			r	4, (3)
4150	config. Of AIN2			r	4, (3)
4152	config. Of AIN3			r	4, (3)
4154	config. Of AIN4			r	4, (3)
4156	config. Of AIN5			r	4, (3)
4158	config. Of AIN6			r	4, (3)
4160	config. Of AIN7			r	4, (3)
4162	config. Of AIN8			r	4, (3)
4164	config. Of AIN9			r	4, (3)
4166	config. Of AIN10			r	4, (3)
4168	config. Of AIN11			r	4, (3)
4170	config. Of AIN12			r	4, (3)
4172	config. Of AIN13			r	4, (3)
4174	config. Of AIN14			r	4, (3)
4176	config. Of AIN15			r	4, (3)
4178	config. Of AIN16			r	4, (3)
4180	config. Of AIN17			r	4, (3)
4182	config. Of AIN18			r	4, (3)
4184	config. Of AIN19			r	4, (3)
4186	config. Of AIN20			r	4, (3)
4188	config. Of AIN21			r	4, (3)
4190	config. Of AOUT1			r	4, (3)
4192	config. Of AOUT2			r	4, (3)
4194	config. Of AOUT3			r	4, (3)
4196	config. Of AOUT4			r	4, (3)
4198	config. Of AOUT5			r	4, (3)
4200	config. Of AOUT6			r	4, (3)
4202	config. Of AOUT7			r	4, (3)
4204	config. Of AOUT8			r	4, (3)
4206	config. Of AOUT9			r	4, (3)
4208	config. Of AOUT10			r	4, (3)
4210	config. Of AOUT11			r	4, (3)
4212	config. Of AOUT12			r	4, (3)
4214	config. Of AOUT13			r	4, (3)
4216	config. Of AOUT14			r	4, (3)
4218	config. Of AOUT15			r	4, (3)
4220	config. Of AOUT16			r	4, (3)
4222	config. Of AOUT17			r	4, (3)
4224	config. Of AOUT18			r	4, (3)
4226	config. Of AOUT19			r	4, (3)
4228	config. Of AOUT20			r	4, (3)

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2200	airflow 1	0 / 1	ok/alarm	r	2, (1)
2201	airflow 2	0 / 1	ok/alarm	r	2, (1)
2202	airflow 3	0 / 1	ok/alarm	r	2, (1)
2203	highpressure 1	0 / 1	ok/alarm	r	2, (1)
2204	highpressure 2	0 / 1	ok/alarm	r	2, (1)
2205	highpressure 3	0 / 1	ok/alarm	r	2, (1)
2206	water detector	0 / 1	ok/alarm	r	2, (1)
2207	Phasecheck	0 / 1	ok/alarm	r	2, (1)
2208	fire/smoke	0 / 1	ok/alarm	r	2, (1)
2209					
2210					
2211					
2212					
2213					
2214					
2215					
2216	return air temp. too high alarm	0 / 1	ok/alarm	r	2, (1)
2217	return air humid. too high alarm	0 / 1	ok/alarm	r	2, (1)
2218	supply air temp. too high alarm	0 / 1	ok/alarm	r	2, (1)
2219	supply air humid. too high alarm	0 / 1	ok/alarm	r	2, (1)
2220	water temp. too high alarm	0 / 1	ok/alarm	r	2, (1)
2221	return air temp. too low alarm	0 / 1	ok/alarm	r	2, (1)
2222	return air humid. too low alarm	0 / 1	ok/alarm	r	2, (1)
2223	supply air temp. too low alarm	0 / 1	ok/alarm	r	2, (1)
2224	supply air humid. too low alarm	0 / 1	ok/alarm	r	2, (1)
2225	water temp. too low alarm	0 / 1	ok/alarm	r	2, (1)
2226	freeze alarm	0 / 1	ok/alarm	r	2, (1)
2227					
2228					
2229					
2230					
2231					
4464	unit evaporation temperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)
4466	unit evaporation pressure 1	0..1000	0,0..100,0bar	r	4, (3)
4468	unit condensation temperature 1	-1000..1000	-100,0..100,0°C	r	4, (3)
4470	unit condensation pressure 1	0..1000	0,0..100,0bar	r	4, (3)
4472	unit electronic-expansion-valve 1			r	4, (3)
4474	unit electronic-expansion-valve 2			r	4, (3)
4476	unit freecooling-valve			r	4, (3)
4478	limit; return air temp. too high alarm	150..400	15,0..40,0°C	r	3, (4)
4480	limit; return air temp. too low alarm	0..200	0,0..20,0°C	r	3, (4)
4482	limit; supply air temp. too high alarm	50..400	5,0..40,0°C	r	3, (4)
4484	limit; supply air temp. too low alarm	0..200	0,0..20,0°C	r	3, (4)
4486	limit; water temp. too high alarm	100..500	10,0..50,0°C	r	3, (4)
4488	limit; water temp. too low alarm	-200..300	-20,0..30,0°C	r	3, (4)
4490	limit; return air humid. too high alarm	500..1000	50,0..100,0%rF	r	3, (4)
4492	limit; return air humid. too low alarm	0..500	0,0..50,0%rF	r	3, (4)
4494	limit; supply air humid. too high alarm	500..1000	50,0..100,0%rF	r	3, (4)
4496	limit; supply air humid. too low alarm	0..500	0,0..50,0%rF	r	3, (4)
4498	lowpressure winterdelay	0..300	seconds	r	3, (4)
4500	unit condensation pressure 2	0..1000	0,0..100,0bar	r	4, (3)
4502	unit overload switch on	0..99	0,0..9,9K	r	3, (4)
4504	limit; return air temp. too high alarm priorit	0..31		r	3, (4)
4506	limit; return air temp. too high alarm delay	0..100	seconds	r	3, (4)
4508	limit; return air temp. too low alarm priorit	0..31		r	3, (4)
4510	limit; return air temp. too low alarm delay	0..100	seconds	r	3, (4)
4512	limit; supply air temp. too high alarm priorit	0..31		r	3, (4)
4514	limit; supply air temp. too high alarm delay	0..100	seconds	r	3, (4)
4516	limit; supply air temp. too low alarm priorit	0..31		r	3, (4)
4518	limit; supply air temp. too low alarm delay	0..100	seconds	r	3, (4)
4520	limit; water temp. too high alarm priorities	0..31		r	3, (4)
4522	limit; water temp. too high alarm delay	0..100	seconds	r	3, (4)
4524	limit; water temp. too low alarm priorities	0..31		r	3, (4)
4526	limit; water temp. too low alarm delay	0..100	seconds	r	3, (4)
4528	limit; return air humid. too high alarm priorit	0..31		r	3, (4)
4530	limit; return air humid. too high alarm dela	0..100	seconds	r	3, (4)

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4532	limit; return air humid. too low alarm prior	0..31		r	3, (4)
4534	limit; return air humid. too low alarm delay	0..100	seconds	r	3, (4)
4536	limit; supply air humid. too high alarm prior	0..31		r	3, (4)
4538	limit; supply air humid. too high alarm delay	0..100	seconds	r	3, (4)
4540	limit; supply air humid. too low alarm prior	0..31		r	3, (4)
4542	limit; supply air humid. too low alarm delay	0..100	seconds	r	3, (4)
4544	unit condensation temperature 2	-1000..1000	-100,0..100,0°C	r	4, (3)
4546	unit evaporation pressure 2	0..1000	0,0..100,0bar	r	4, (3)
4548	unit evaporation temperature 2	-1000..1000	-100,0..100,0°C	r	4, (3)
2284	limit; return air temp. too high common ala	0 / 1		r	1, (2)
2285	limit; return air temp. too low common ala	0 / 1		r	2, (1)
2286	limit; supply air temp. too high common ala	0 / 1		r	2, (1)
2287	limit; supply air temp. too low common ala	0 / 1		r	1, (2)
2288	limit; water temp. too high common alarm	0 / 1		r	1, (2)
2289	limit; water temp. too low common alarm	0 / 1		r	
2290	limit; return air humid. too high common a	0 / 1		r	
2291	limit; return air humid. too low common ala	0 / 1		r	
2292	limit; supply air humid. too high common a	0 / 1		r	1, (2)
2293	limit; supply air humid. too low common ala	0 / 1		r	2, (1)
2294		0 / 1		r	2, (1)
2295		0 / 1		r	1, (2)
2296		0 / 1		r	1, (2)
2297		0 / 1		r	
2298					
2299					
2300	sensor config. active	0 / 1		r	1, (2)
2301	sensor limit alarm	0 / 1		r	2, (1)
2302	sensor defect alarm	0 / 1		r	2, (1)
2303	sensor common defect alarm	0 / 1		r	1, (2)
2304	sensor commonlimit alarm	0 / 1		r	1, (2)
2305	sensor manual operation active	0 / 1		r	
2306					
2307					
4616	sensor purpose	1..16		r	3, (4)
4618	sensor type	1..5		r	3, (4)
4620	sensor analog input	0..21		r	3, (4)
4622	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
4624	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
4626	sensor min phys. value	-1000..1000	-100,0..100,0°C/%rF/bar	r	3, (4)
4628	sensor max phys. value	-1000..1000	-100,0..100,0°C/%rF/bar	r	3, (4)
4630	sensor tolerance	0..100	percent	r	3, (4)
4632	sensor alarm priorities	0..31		r	3, (4)
4634	sensor alarm delay	0..100	seconds	r	3, (4)
4636	sensor failure alarm priorities	0..31		r	3, (4)
4638	sensor failure alarm delay	0..100	seconds	r	3, (4)
4640	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
4642	sensor current phys. value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
4644	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
4646	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
2400	sensor config. active	0 / 1		r	1, (2)
2401	sensor limit alarm	0 / 1		r	2, (1)
2402	sensor defect alarm	0 / 1		r	2, (1)
2403	sensor common defect alarm	0 / 1		r	1, (2)
2404	sensor commonlimit alarm	0 / 1		r	1, (2)
2405	sensor manual operation active				
2406					
2407					
4816	sensor purpose	1..16		r	3, (4)
4818	sensor type	1..5		r	3, (4)
4820	sensor analog input	0..21		r	3, (4)

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4822	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
4824	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
4826	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
4828	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
4830	sensor tolerance	0..100	percent	r	3, (4)
4832	sensor alarm priorities	0..31		r	3, (4)
4834	sensor alarm delay	0..100	seconds	r	3, (4)
4836	sensor failure alarm priorities	0..31		r	3, (4)
4838	sensor failure alarm delay	0..100	seconds	r	3, (4)
4840	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
4842	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
4844	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
4846	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
2500	sensor config. active	0 / 1		r	1, (2)
2501	sensor limit alarm	0 / 1		r	2, (1)
2502	sensor defect alarm	0 / 1		r	2, (1)
2503	sensor common defect alarm	0 / 1		r	1, (2)
2504	sensor commonlimit alarm	0 / 1		r	1, (2)
2505	sensor manual operation active				
2506					
2507					
5016	sensor purpose	1..16		r	3, (4)
5018	sensor type	1..5		r	3, (4)
5020	sensor analog input	0..21		r	3, (4)
5022	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
5024	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
5026	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5028	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5030	sensor tolerance	0..100	percent	r	3, (4)
5032	sensor alarm priorities	0..31		r	3, (4)
5034	sensor alarm delay	0..100	seconds	r	3, (4)
5036	sensor failure alarm priorities	0..31		r	3, (4)
5038	sensor failure alarm delay	0..100	seconds	r	3, (4)
5040	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
5042	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
5044	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
5046	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
2600	sensor config. active	0 / 1		r	1, (2)
2601	sensor limit alarm	0 / 1		r	2, (1)
2602	sensor defect alarm	0 / 1		r	2, (1)
2603	sensor common defect alarm	0 / 1		r	1, (2)
2604	sensor commonlimit alarm	0 / 1		r	1, (2)
2605	sensor manual operation active				
2606					
2607					
5216	sensor purpose	1..16		r	3, (4)
5218	sensor type	1..5		r	3, (4)
5220	sensor analog input	0..21		r	3, (4)
5222	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
5224	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
5226	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5228	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5230	sensor tolerance	0..100	percent	r	3, (4)
5232	sensor alarm priorities	0..31		r	3, (4)
5234	sensor alarm delay	0..100	seconds	r	3, (4)
5236	sensor failure alarm priorities	0..31		r	3, (4)
5238	sensor failure alarm delay	0..100	seconds	r	3, (4)
5240	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
5242	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
5244	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
5246	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)

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2700	sensor config. active	0 / 1		r	1, (2)
2701	sensor limit alarm	0 / 1		r	2, (1)
2702	sensor defect alarm	0 / 1		r	2, (1)
2703	sensor common defect alarm	0 / 1		r	1, (2)
2704	sensor commonlimit alarm	0 / 1		r	1, (2)
2705	sensor manual operation active				
2706					
2707					
5416	sensor purpose	1..16		r	3, (4)
5418	sensor type	1..5		r	3, (4)
5420	sensor analog input	0..21		r	3, (4)
5422	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
5424	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
5426	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5428	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5430	sensor tolerance	0..100	percent	r	3, (4)
5432	sensor alarm priorities	0..31		r	3, (4)
5434	sensor alarm delay	0..100	seconds	r	3, (4)
5436	sensor failure alarm priorities	0..31		r	3, (4)
5438	sensor failure alarm delay	0..100	seconds	r	3, (4)
5440	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
5442	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
5444	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
5446	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
2800	sensor config. active	0 / 1		r	1, (2)
2801	sensor limit alarm	0 / 1		r	2, (1)
2802	sensor defect alarm	0 / 1		r	2, (1)
2803	sensor common defect alarm	0 / 1		r	1, (2)
2804	sensor commonlimit alarm	0 / 1		r	1, (2)
2805	sensor manual operation active				
2806					
2807					
5616	sensor purpose	1..16		r	3, (4)
5618	sensor type	1..5		r	3, (4)
5620	sensor analog input	0..21		r	3, (4)
5622	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
5624	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
5626	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5628	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5630	sensor tolerance	0..100	percent	r	3, (4)
5632	sensor alarm priorities	0..31		r	3, (4)
5634	sensor alarm delay	0..100	seconds	r	3, (4)
5636	sensor failure alarm priorities	0..31		r	3, (4)
5638	sensor failure alarm delay	0..100	seconds	r	3, (4)
5640	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
5642	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
5644	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
5646	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
2900	sensor config. active	0 / 1		r	1, (2)
2901	sensor limit alarm	0 / 1		r	2, (1)
2902	sensor defect alarm	0 / 1		r	2, (1)
2903	sensor common defect alarm	0 / 1		r	1, (2)
2904	sensor commonlimit alarm	0 / 1		r	1, (2)
2905	sensor manual operation active				
2906					
2907					
5816	sensor purpose	1..16		r	3, (4)
5818	sensor type	1..5		r	3, (4)
5820	sensor analog input	0..21		r	3, (4)
5822	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
5824	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)

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5826	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5828	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
5830	sensor tolerance	0..100	percent	r	3, (4)
5832	sensor alarm priorities	0..31		r	3, (4)
5834	sensor alarm delay	0..100	seconds	r	3, (4)
5836	sensor failure alarm priorities	0..31		r	3, (4)
5838	sensor failure alarm delay	0..100	seconds	r	3, (4)
5840	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
5842	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
5844	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
5846	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3000	sensor config. active	0 / 1		r	1, (2)
3001	sensor limit alarm	0 / 1		r	2, (1)
3002	sensor defect alarm	0 / 1		r	2, (1)
3003	sensor common defect alarm	0 / 1		r	1, (2)
3004	sensor commonlimit alarm	0 / 1		r	1, (2)
3005	sensor manual operation active				
3006					
3007					
6016	sensor purpose	1..16		r	3, (4)
6018	sensor type	1..5		r	3, (4)
6020	sensor analog input	0..21		r	3, (4)
6022	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
6024	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
6026	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6028	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6030	sensor tolerance	0..100	percent	r	3, (4)
6032	sensor alarm priorities	0..31		r	3, (4)
6034	sensor alarm delay	0..100	seconds	r	3, (4)
6036	sensor failure alarm priorities	0..31		r	3, (4)
6038	sensor failure alarm delay	0..100	seconds	r	3, (4)
6040	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
6042	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
6044	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
6046	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3100	sensor config. active	0 / 1		r	1, (2)
3101	sensor limit alarm	0 / 1		r	2, (1)
3102	sensor defect alarm	0 / 1		r	2, (1)
3103	sensor common defect alarm	0 / 1		r	1, (2)
3104	sensor commonlimit alarm	0 / 1		r	1, (2)
3105	sensor manual operation active				
3106					
3107					
6216	sensor purpose	1..16		r	3, (4)
6218	sensor type	1..5		r	3, (4)
6220	sensor analog input	0..21		r	3, (4)
6222	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
6224	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
6226	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6228	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6230	sensor tolerance	0..100	percent	r	3, (4)
6232	sensor alarm priorities	0..31		r	3, (4)
6234	sensor alarm delay	0..100	seconds	r	3, (4)
6236	sensor failure alarm priorities	0..31		r	3, (4)
6238	sensor failure alarm delay	0..100	seconds	r	3, (4)
6240	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
6242	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
6244	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
6246	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3200	sensor config. active	0 / 1		r	1, (2)

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3201	sensor limit alarm	0 / 1		r	2, (1)
3202	sensor defect alarm	0 / 1		r	2, (1)
3203	sensor common defect alarm	0 / 1		r	1, (2)
3204	sensor commonlimit alarm	0 / 1		r	1, (2)
3205	sensor manual operation active				
3206					
3207					
6416	sensor purpose	1..16		r	3, (4)
6418	sensor type	1..5		r	3, (4)
6420	sensor analog input	0..21		r	3, (4)
6422	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
6424	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
6426	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6428	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6430	sensor tolerance	0..100	percent	r	3, (4)
6432	sensor alarm priorities	0..31		r	3, (4)
6434	sensor alarm delay	0..100	seconds	r	3, (4)
6436	sensor failure alarm priorities	0..31		r	3, (4)
6438	sensor failure alarm delay	0..100	seconds	r	3, (4)
6440	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
6442	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
6444	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
6446	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3300	sensor config. active	0 / 1		r	1, (2)
3301	sensor limit alarm	0 / 1		r	2, (1)
3302	sensor defect alarm	0 / 1		r	2, (1)
3303	sensor common defect alarm	0 / 1		r	1, (2)
3304	sensor commonlimit alarm	0 / 1		r	1, (2)
3305	sensor manual operation active				
3306					
3307					
6616	sensor purpose	1..16		r	3, (4)
6618	sensor type	1..5		r	3, (4)
6620	sensor analog input	0..21		r	3, (4)
6622	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
6624	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
6626	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6628	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6630	sensor tolerance	0..100	percent	r	3, (4)
6632	sensor alarm priorities	0..31		r	3, (4)
6634	sensor alarm delay	0..100	seconds	r	3, (4)
6636	sensor failure alarm priorities	0..31		r	3, (4)
6638	sensor failure alarm delay	0..100	seconds	r	3, (4)
6640	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
6642	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
6644	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
6646	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3400	sensor config. active	0 / 1		r	1, (2)
3401	sensor limit alarm	0 / 1		r	2, (1)
3402	sensor defect alarm	0 / 1		r	2, (1)
3403	sensor common defect alarm	0 / 1		r	1, (2)
3404	sensor commonlimit alarm	0 / 1		r	1, (2)
3405	sensor manual operation active				
3406					
3407					
6816	sensor purpose	1..16		r	3, (4)
6818	sensor type	1..5		r	3, (4)
6820	sensor analog input	0..21		r	3, (4)
6822	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
6824	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
6826	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
6828	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)

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6830	sensor tolerance	0..100	percent	r	3, (4)
6832	sensor alarm priorities	0..31		r	3, (4)
6834	sensor alarm delay	0..100	seconds	r	3, (4)
6836	sensor failure alarm priorities	0..31		r	3, (4)
6838	sensor failure alarm delay	0..100	seconds	r	3, (4)
6840	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
6842	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
6844	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
6846	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3500	sensor config. active	0 / 1		r	1, (2)
3501	sensor limit alarm	0 / 1		r	2, (1)
3502	sensor defect alarm	0 / 1		r	2, (1)
3503	sensor common defect alarm	0 / 1		r	1, (2)
3504	sensor commonlimit alarm	0 / 1		r	1, (2)
3505	sensor manual operation active				
3506					
3507					
7016	sensor purpose	1..16		r	3, (4)
7018	sensor type	1..5		r	3, (4)
7020	sensor analog input	0..21		r	3, (4)
7022	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
7024	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
7026	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7028	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7030	sensor tolerance	0..100	percent	r	3, (4)
7032	sensor alarm priorities	0..31		r	3, (4)
7034	sensor alarm delay	0..100	seconds	r	3, (4)
7036	sensor failure alarm priorities	0..31		r	3, (4)
7038	sensor failure alarm delay	0..100	seconds	r	3, (4)
7040	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
7042	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
7044	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
7046	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3600	sensor config. active	0 / 1		r	1, (2)
3601	sensor limit alarm	0 / 1		r	2, (1)
3602	sensor defect alarm	0 / 1		r	2, (1)
3603	sensor common defect alarm	0 / 1		r	1, (2)
3604	sensor commonlimit alarm	0 / 1		r	1, (2)
3605	sensor manual operation active				
3606					
3607					
7216	sensor purpose	1..16		r	3, (4)
7218	sensor type	1..5		r	3, (4)
7220	sensor analog input	0..21		r	3, (4)
7222	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
7224	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
7226	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7228	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7230	sensor tolerance	0..100	percent	r	3, (4)
7232	sensor alarm priorities	0..31		r	3, (4)
7234	sensor alarm delay	0..100	seconds	r	3, (4)
7236	sensor failure alarm priorities	0..31		r	3, (4)
7238	sensor failure alarm delay	0..100	seconds	r	3, (4)
7240	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
7242	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
7244	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
7246	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3700	sensor config. active	0 / 1		r	1, (2)
3701	sensor limit alarm	0 / 1		r	2, (1)
3702	sensor defect alarm	0 / 1		r	2, (1)

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3703	sensor common defect alarm	0 / 1		r	1, (2)
3704	sensor commonlimit alarm	0 / 1		r	1, (2)
3705	sensor manual operation active				
3706					
3707					
7416	sensor purpose	1..16		r	3, (4)
7418	sensor type	1..5		r	3, (4)
7420	sensor analog input	0..21		r	3, (4)
7422	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
7424	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
7426	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7428	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7430	sensor tolerance	0..100	percent	r	3, (4)
7432	sensor alarm priorities	0..31		r	3, (4)
7434	sensor alarm delay	0..100	seconds	r	3, (4)
7436	sensor failure alarm priorities	0..31		r	3, (4)
7438	sensor failure alarm delay	0..100	seconds	r	3, (4)
7440	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
7442	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
7444	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
7446	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3800	sensor config. active	0 / 1		r	1, (2)
3801	sensor limit alarm	0 / 1		r	2, (1)
3802	sensor defect alarm	0 / 1		r	2, (1)
3803	sensor common defect alarm	0 / 1		r	1, (2)
3804	sensor commonlimit alarm	0 / 1		r	1, (2)
3805	sensor manual operation active				
3806					
3807					
7616	sensor purpose	1..16		r	3, (4)
7618	sensor type	1..5		r	3, (4)
7620	sensor analog input	0..21		r	3, (4)
7622	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
7624	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
7626	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7628	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7630	sensor tolerance	0..100	percent	r	3, (4)
7632	sensor alarm priorities	0..31		r	3, (4)
7634	sensor alarm delay	0..100	seconds	r	3, (4)
7636	sensor failure alarm priorities	0..31		r	3, (4)
7638	sensor failure alarm delay	0..100	seconds	r	3, (4)
7640	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
7642	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
7644	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
7646	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
3900	sensor config. active	0 / 1		r	1, (2)
3901	sensor limit alarm	0 / 1		r	2, (1)
3902	sensor defect alarm	0 / 1		r	2, (1)
3903	sensor common defect alarm	0 / 1		r	1, (2)
3904	sensor commonlimit alarm	0 / 1		r	1, (2)
3905	sensor manual operation active				
3906					
3907					
7816	sensor purpose	1..16		r	3, (4)
7818	sensor type	1..5		r	3, (4)
7820	sensor analog input	0..21		r	3, (4)
7822	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
7824	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
7826	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7828	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
7830	sensor tolerance	0..100	percent	r	3, (4)
7832	sensor alarm priorities	0..31		r	3, (4)

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7834	sensor alarm delay	0..100	seconds	r	3, (4)
7836	sensor failure alarm priorities	0..31		r	3, (4)
7838	sensor failure alarm delay	0..100	seconds	r	3, (4)
7840	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
7842	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
7844	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
7846	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
4000	sensor config. active	0 / 1		r	1, (2)
4001	sensor limit alarm	0 / 1		r	2, (1)
4002	sensor defect alarm	0 / 1		r	2, (1)
4003	sensor common defect alarm	0 / 1		r	1, (2)
4004	sensor commonlimit alarm	0 / 1		r	1, (2)
4005	sensor manual operation active				
4006					
4007					
8016	sensor purpose	1..16		r	3, (4)
8018	sensor type	1..5		r	3, (4)
8020	sensor analog input	0..21		r	3, (4)
8022	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
8024	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
8026	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8028	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8030	sensor tolerance	0..100	percent	r	3, (4)
8032	sensor alarm priorities	0..31		r	3, (4)
8034	sensor alarm delay	0..100	seconds	r	3, (4)
8036	sensor failure alarm priorities	0..31		r	3, (4)
8038	sensor failure alarm delay	0..100	seconds	r	3, (4)
8040	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
8042	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
8044	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
8046	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
4100	sensor config. active	0 / 1		r	1, (2)
4101	sensor limit alarm	0 / 1		r	2, (1)
4102	sensor defect alarm	0 / 1		r	2, (1)
4103	sensor common defect alarm	0 / 1		r	1, (2)
4104	sensor commonlimit alarm	0 / 1		r	1, (2)
4105	sensor manual operation active				
4106					
4107					
8216	sensor purpose	1..16		r	3, (4)
8218	sensor type	1..5		r	3, (4)
8220	sensor analog input	0..21		r	3, (4)
8222	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
8224	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
8226	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8228	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8230	sensor tolerance	0..100	percent	r	3, (4)
8232	sensor alarm priorities	0..31		r	3, (4)
8234	sensor alarm delay	0..100	seconds	r	3, (4)
8236	sensor failure alarm priorities	0..31		r	3, (4)
8238	sensor failure alarm delay	0..100	seconds	r	3, (4)
8240	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
8242	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
8244	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
8246	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
4200	sensor config. active	0 / 1		r	1, (2)
4201	sensor limit alarm	0 / 1		r	2, (1)
4202	sensor defect alarm	0 / 1		r	2, (1)
4203	sensor common defect alarm	0 / 1		r	1, (2)
4204	sensor commonlimit alarm	0 / 1		r	1, (2)

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4205	sensor manual operation active				
4206					
4207					
8416	sensor purpose	1..16		r	3, (4)
8418	sensor type	1..5		r	3, (4)
8420	sensor analog input	0..21		r	3, (4)
8422	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
8424	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
8426	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8428	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8430	sensor tolerance	0..100	percent	r	3, (4)
8432	sensor alarm priorities	0..31		r	3, (4)
8434	sensor alarm delay	0..100	seconds	r	3, (4)
8436	sensor failure alarm priorities	0..31		r	3, (4)
8438	sensor failure alarm delay	0..100	seconds	r	3, (4)
8440	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
8442	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
8444	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
8446	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
4300	sensor config. active	0 / 1		r	1, (2)
4301	sensor limit alarm	0 / 1		r	2, (1)
4302	sensor defect alarm	0 / 1		r	2, (1)
4303	sensor common defect alarm	0 / 1		r	1, (2)
4304	sensor commonlimit alarm	0 / 1		r	1, (2)
4305	sensor manual operation active				
4306					
4307					
8616	sensor purpose	1..16		r	3, (4)
8618	sensor type	1..5		r	3, (4)
8620	sensor analog input	0..21		r	3, (4)
8622	sensor min value	0..200	0,0..20,0mA/V	r	3, (4)
8624	sensor max value	0..200	0,0..20,0mA/V	r	3, (4)
8626	sensor min phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8628	sensor max phys. value	-500..1000	-50,0..100,0°C/%rF/bar	r	3, (4)
8630	sensor tolerance	0..100	percent	r	3, (4)
8632	sensor alarm priorities	0..31		r	3, (4)
8634	sensor alarm delay	0..100	seconds	r	3, (4)
8636	sensor failure alarm priorities	0..31		r	3, (4)
8638	sensor failure alarm delay	0..100	seconds	r	3, (4)
8640	sensor adjust offset	-100..100	-10,0..10,0°C/%rF/bar	r	3, (4)
8642	sensor current value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
8644	sensor current value	0..200	0,0..20,0mA/V	r	4, (3)
8646	sensor manual operation value	-1000..1000	-100,0..100,0°C/%rF/bar	r	4, (3)
4400	compressor1 config. active	0 / 1		r	1, (2)
4401	compr.1 manual operation active	0 / 1		rw	1, (2), 5
4402	compr.1 manual operation state	0 / 1		rw	1, (2), 5
4403	compr.1 running	0 / 1		r	2, (1)
4404	compr. 1 alarm	0 / 1		r	2, (1)
4405	compr.1 low press. Alarm	0 / 1		r	2, (1)
4406		0 / 1		r	1, (2)
4407	compr. 1 common alarm	0 / 1		r	1, (2)
4408	compr. 1 common alarm low press.	0 / 1		r	1, (2)
4409					
4410					
4411					
4412					
4413					
4414					
4415					
8832	compressor1 start temp. Summer	0..99	0,0..9,9K	r	3, (4)
8834	compressor1 hysteresis Summer	0..99	0,0..9,9K	r	3, (4)
8836	compressor1 start temp. Winter	0..99	0,0..9,9K	r	3, (4)

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8838	compressor1 hysteresis winter	0..99	0,0..9,9K	r	3, (4)
8840	compr.1 digital out	0..31		r	3, (4)
8842	compr.1 alarm digital in	0..42		r	3, (4)
8844	compr.1 alarm priorities	0..31		r	3, (4)
8846	compr.1 alarm delay	0..100	seconds	r	3, (4)
8848	compr.1 low press. Digital in	0..42		r	3, (4)
8850	compr.1 low press. Alarm priorities	0..31		r	3, (4)
8852	compr.1 low press. Alarm delay	0..100	seconds	r	3, (4)
8854	compr.1 break	10..1000	seconds	r	3, (4)
8856	compr.1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
8858	compr.1 low press manag. time	0..100	hours	r	
8860	compr.1 low press manag. press.	0..100	0,0..10,0bar	r	
8862	compr.1 low press manag. restarts	0..10		r	
8864	compr.1 high press manag. time	0..100	hours	r	
8866	compr.1 high press manag. press.	0..100	0,0..10,0bar	r	
8868	compr.1 high press manag. restarts	0..10		r	
8870	compr.1 high press manag. mode	0..1		r	
4500	compressor 2 config. active	0 / 1		r	1, (2)
4501	compr. 2 manual operation active	0 / 1		rw	1, (2), 5
4502	compr. 2 manual operation state	0 / 1		rw	1, (2), 5
4503	compr. 2 running	0 / 1		r	2, (1)
4504	compr. 2 alarm	0 / 1		r	2, (1)
4505	compr. 2 low press. Alarm	0 / 1		r	2, (1)
4506		0 / 1		r	1, (2)
4507	compr. 2 common alarm	0 / 1		r	1, (2)
4508	compr. 2 common alarm low press.	0 / 1		r	1, (2)
4508	compr. 2 common alarm low press.	0 / 1		r	1, (2)
4510					
4511					
4512					
4513					
4514					
4515					
9032	compressor 2 start temp. Summer	0..99	0,0..9,9K	rw	rw
9034	compressor 2 hysteresis Summer	0..99	0,0..9,9K	r	3, (4)
9036	compressor 2 start temp. Winter	0..99	0,0..9,9K	r	3, (4)
9038	compressor 2 hysteresis winter	0..99	0,0..9,9K	r	3, (4)
9040	compr. 2 digital out	0..31		r	3, (4)
9042	compr. 2 alarm digital in	0..42		r	3, (4)
9044	compr. 2 alarm priorities	0..31		r	3, (4)
9046	compr. 2 alarm delay	0..100	seconds	r	3, (4)
9048	compr. 2 low press. Digital in	0..42		r	3, (4)
9050	compr. 2 low press. Alarm priorities	0..31		r	3, (4)
9052	compr. 2 low press. Alarm delay	0..100	seconds	r	3, (4)
9054	compr. 2 break	10..1000	seconds	r	3, (4)
9056	compr. 2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
9058	compr.1 low press manag. time	0..100	hours	r	
9060	compr.1 low press manag. press.	0..100	0,0..10,0bar	r	
9062	compr.1 low press manag. restarts	0..10		r	
9064	compr.1 high press manag. time	0..100	hours	r	
9066	compr.1 high press manag. press.	0..100	0,0..10,0bar	r	
9068	compr.1 high press manag. restarts	0..10		r	
9070	compr.1 high press manag. mode	0..1		r	
4600	suctionvalve1 config. Active	0 / 1		r	1, (2)
4601	suctionvalve1 manual operation active	0 / 1		rw	1, (2), 5
4602					
4603					
4604					
4605					
4606					
4607					
9216	suctionvalve1 start temperature	0..99	0,0..9,9K	r	3, (4)

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9218	suctionvalve1 linear range	5..99	0,5..9,9K	r	3, (4)
9220	suctionvalve1 analog out	0..20		r	3, (4)
9222	suctionvalve1 current value	0..100	percent	r	4, (3)
9224	suctionvalve1 manual operation value	0..100	percent	rw	3, (4), 1, (2)6
4700	suctionvalve2 config. Active	0 / 1		r	1, (2)
4701	suctionvalve2 manual operation active	0 / 1		rw	1, (2), 5
4702					
4703					
4704					
4705					
4706					
4707					
9416	suctionvalve2 start temperature	0..99	0,0..9,9K	rw	rw
9418	suctionvalve2 linear range	5..99	0,5..9,9K	rw	rw
9420	suctionvalve2 analog out	0..20		r	3, (4)
9422	suctionvalve2 current value	0..100	percent	r	4, (3)
9424	suctionvalve2 manual operation value	0..100	percent	rw	3, (4), 1, (2)6
4800	elec.-heating1 config active	0 / 1		r	1, (2)
4801	elec.-heating1 manual operation active	0 / 1		rw	1, (2), 5
4802	elec.-heating1 alarm	0 / 1		r	2, (1)
4803	elec.-heating1 running	0 / 1		r	2, (1)
4804	elec.-heating1 manual operation running	0 / 1		rw	1, (2), 5
4805	elec.-heating1 common alarm	0 / 1		r	1, (2)
4806					
4807					
9616	elec.-heating1 type	1..2		r	3, (4)
9618	elec.-heating1 start temperature	0..99	0,0..9,9K	r	3, (4)
9620	elec.-heating1 hysteresis	0..99	0,0..9,9K	r	3, (4)
9622	elec.-heating1 linear range	5..99	0,5..9,9K	r	3, (4)
9624	elec.-heating1 digital out	0..31		r	3, (4)
9626	elec.-heating1 alarm digital in	0..42		r	3, (4)
9628	elec.-heating1 alarm priorities	0..31		r	3, (4)
9630	elec.-heating1 alarm delay	0..100	seconds	r	3, (4)
9632	elec.-heating1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
9634	elec.-heating1 PWM-grade	0..100	percent	r	4, (3)
9636	elec.-heating1 manual operation PWM-gra	0..100	percent	rw	3, (4), 1, (2)6
4900	elec.-heating2 config active	0 / 1		r	1, (2)
4901	elec.-heating2 manual operation active	0 / 1		rw	1, (2), 5
4902	elec.-heating2 alarm	0 / 1		r	2, (1)
4903	elec.-heating2 running	0 / 1		r	2, (1)
4904	elec.-heating2 manual operation running	0 / 1		rw	1, (2), 5
4905	elec.-heating2 common alarm	0 / 1		r	1, (2)
4906					
4907					
9816	elec.-heating2 type	1..2		r	3, (4)
9818	elec.-heating2 start temperature	0..99	0,0..9,9K	r	3, (4)
9820	elec.-heating2 hysteresis	0..99	0,0..9,9K	r	3, (4)
9822	elec.-heating2 linear range	5..99	0,5..9,9K	r	3, (4)
9824	elec.-heating2 digital out	0..31		r	3, (4)
9826	elec.-heating2 alarm digital in	0..42		r	3, (4)
9828	elec.-heating2 alarm priorities	0..31		r	3, (4)
9830	elec.-heating2 alarm delay	0..100	seconds	r	3, (4)
9832	elec.-heating2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
5000	elec.-heating3 config active	0 / 1		r	1, (2)
5001	elec.-heating3 manual operation active	0 / 1		rw	1, (2), 5
5002	elec.-heating3 alarm	0 / 1		r	2, (1)
5003	elec.-heating3 running	0 / 1		r	2, (1)
5004	elec.-heating3 manual operation running	0 / 1		rw	1, (2), 5

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5005	elec.-heating3 common alarm	0 / 1		r	1, (2)
5006					
5007					
10016	elec.-heating3 type	1..2		r	3, (4)
10018	elec.-heating3 start temperature	0..99	0,0..9,9K	r	3, (4)
10020	elec.-heating3 hysteresis	0..99	0,0..9,9K	r	3, (4)
10022	elec.-heating3 linear range	5..99	0,5..9,9K	r	3, (4)
10024	elec.-heating3 digital out	0..31		r	3, (4)
10026	elec.-heating3 alarm digital in	0..42		r	3, (4)
10028	elec.-heating3 alarm priorities	0..31		r	3, (4)
10030	elec.-heating3 alarm delay	0..100	seconds	r	3, (4)
10032	elec.-heating3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
5100	elec.-heating4 config active	0 / 1		r	1, (2)
5101	elec.-heating4 manual operation active	0 / 1		rw	1, (2), 5
5102	elec.-heating4 alarm	0 / 1		r	2, (1)
5103	elec.-heating4 running	0 / 1		r	2, (1)
5104	elec.-heating4 manual operation running	0 / 1		rw	1, (2), 5
5105	elec.-heating4 common alarm	0 / 1		r	1, (2)
5106					
5107					
10216	elec.-heating4 type	1..2		r	3, (4)
10218	elec.-heating4 start temperature	0..99	0,0..9,9K	r	3, (4)
10220	elec.-heating4 hysteresis	0..99	0,0..9,9K	r	3, (4)
10222	elec.-heating4 linear range	5..99	0,5..9,9K	r	3, (4)
10224	elec.-heating4 digital out	0..31		r	3, (4)
10226	elec.-heating4 alarm digital in	0..42		r	3, (4)
10228	elec.-heating4 alarm priorities	0..31		r	3, (4)
10230	elec.-heating4 alarm delay	0..100	seconds	r	3, (4)
10232	elec.-heating4 runtime	0..0xFFFFFFFF	hours	r	3, (4)
5200	GE/CW-valve config active	0 / 1		r	1, (2)
5201	GE/CW-valve manual operation active	0 / 1		rw	1, (2), 5
5202	GE/CW-valve close with compr.-start	0 / 1		r	1, (2)
5203					
5204					
5205					
5206					
5207					
10416	GE/CW-valve start temperature	0..99	0,0..9,9K	r	3, (4)
10418	GE/CW-valve linear range	5..99	0,5..9,9K	r	3, (4)
10420	GE/CW-valve analog out	0..20		r	3, (4)
10422	GE/CW-valve GE-off-temp	0..500	0,0..50,0°C	r	3, (4)
10424	GE/CW-valve GE-dehum. Min.-temp.	0..500	0,0..50,0°C	r	3, (4)
10426	GE/CW-valve GE-dehum. Max.-temp.	0..500	0,0..50,0°C	r	3, (4)
10428	GE/CW-valve opening grade	0..100	percent	r	4, (3)
10430	GE/CW-valve manual operation opening g	0..100	percent	rw	3, (4)
10432	GE/CW-valve analog out 2	0..20		r	3, (4)
10434	GE/CW-valve din for switch	0..42		r	3, (4)
5300	G-valve config active	0 / 1		r	1, (2)
5301	G-valve manual operation active	0 / 1		rw	1, (2), 5
5302					
5303					
5304					
5305					
5306					
5307					
10616	G-valve pressure setpoint	50..250	5,0..25,0bar	r	3, (4)
10618	G-valve analog out	0..20		r	3, (4)
10620	G-valve pre opening time	0..30	seconds	rw	3, (4), 1, (2)6
10622	G-valve pre opening grade	0..100	percent	rw	3, (4), 1, (2)6
10624	G-valve opening grade	0..100	percent	r	4, (3)

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10626	G-valve manual operation opening grade	0..100	percent	rw	3, (4), 1, (2)6
10628	G-valve I factor	0..100	percent	rw	3, (4), 1, (2)6
10630	G-valve D factor	0..100	percent	rw	3, (4), 1, (2)6
5400	drycooler1 config active	0 / 1		r	1, (2)
5401	drycooler1 manual operation active	0 / 1		rw	1, (2), 5
5402	drycooler1 running	0 / 1		r	2, (1)
5403	drycooler1 alarm	0 / 1		r	2, (1)
5404	drycooler1 manual operation running	0 / 1		rw	1, (2), 5
5405	drycooler1 common alarm	0 / 1		r	1, (2)
5406					
5407					
10816	drycooler1 start-temperature winter	50..350	5,0..35,0°C	r	3, (4)
10818	drycooler1 start-temperature summer	100..500	10,0..50,0°C	r	3, (4)
10820	drycooler1 hysteresis	10..99	1,0..9,9K	r	3, (4)
10822	drycooler1 digital out	0..31		r	3, (4)
10824	drycooler1 alarm digital in	0..42		r	3, (4)
10826	drycooler1 alarm priorities	0..31		r	3, (4)
10828	drycooler1 alarm delay	0..100	seconds	r	3, (4)
10830	drycooler1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
5500	drycooler2 config active	0 / 1		r	1, (2)
5501	drycooler2 manual operation active	0 / 1		rw	1, (2), 5
5502	drycooler2 running	0 / 1		r	2, (1)
5503	drycooler2 alarm	0 / 1		r	2, (1)
5504	drycooler2 manual operation running	0 / 1		rw	1, (2), 5
5505	drycooler2 common alarm	0 / 1		r	1, (2)
5506					
5507					
11016	drycooler2 start-temperature winter	50..350	5,0..35,0°C	r	3, (4)
11018	drycooler2 start-temperature summer	100..500	10,0..50,0°C	r	3, (4)
11020	drycooler2 hysteresis	10..99	1,0..9,9K	r	3, (4)
11022	drycooler2 digital out	0..31		r	3, (4)
11024	drycooler2 alarm digital in	0..42		r	3, (4)
11026	drycooler2 alarm priorities	0..31		r	3, (4)
11028	drycooler2 alarm delay	0..100	seconds	r	3, (4)
11030	drycooler2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
5600	drycooler3 config active	0 / 1		r	1, (2)
5601	drycooler3 manual operation active	0 / 1		rw	1, (2), 5
5602	drycooler3 running	0 / 1		r	2, (1)
5603	drycooler3 alarm	0 / 1		r	2, (1)
5604	drycooler3 manual operation running	0 / 1		rw	1, (2), 5
5605	drycooler3 common alarm	0 / 1		r	1, (2)
5606					
5607					
11216	drycooler3 start-temperature winter	50..350	5,0..35,0°C	r	3, (4)
11218	drycooler3 start-temperature summer	100..500	10,0..50,0°C	r	3, (4)
11220	drycooler3 hysteresis	10..99	1,0..9,9K	r	3, (4)
11222	drycooler3 digital out	0..31		r	3, (4)
11224	drycooler3 alarm digital in	0..42		r	3, (4)
11226	drycooler3 alarm priorities	0..31		r	3, (4)
11228	drycooler3 alarm delay	0..100	seconds	r	3, (4)
11230	drycooler3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
5700	drycooler4 config active	0 / 1		r	1, (2)
5701	drycooler4 manual operation active	0 / 1		rw	1, (2), 5
5702	drycooler4 running	0 / 1		r	2, (1)
5703	drycooler4 alarm	0 / 1		r	2, (1)
5704	drycooler4 manual operation running	0 / 1		rw	1, (2), 5
5705	drycooler4 common alarm	0 / 1		r	1, (2)
5706					

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5707					
11416	drycooler4 start-temperature winter	50..350	5,0..35,0°C	r	3, (4)
11418	drycooler4 start-temperature summer	100..500	10,0..50,0°C	r	3, (4)
11420	drycooler4 hysteresis	10..99	1,0..9,9K	r	3, (4)
11422	drycooler4 digital out	0..31		r	3, (4)
11424	drycooler4 alarm digital in	0..42		r	3, (4)
11426	drycooler4 alarm priorities	0..31		r	3, (4)
11428	drycooler4 alarm delay	0..100	seconds	r	3, (4)
11430	drycooler4 runtime	0..0xFFFFFFF	hours	r	3, (4)
5800	pump1 config active	0 / 1		r	1, (2)
5801	pump1 manual operation active	0 / 1		rw	1, (2), 5
5802	pump1 running	0 / 1		r	2, (1)
5803	pump1 alarm	0 / 1		r	2, (1)
5804	pump1 common alarm	0 / 1		r	1, (2)
5805	pump1 manual operation running	0 / 1		r	
5806					
5807					
11616	pump1 type	1..3		r	3, (4)
11618	pump1 start-temperature	0..99	0,0..9,9K	r	3, (4)
11620	pump1 hysteresis	0..99	0,0..9,9K	r	3, (4)
11622	pump1 linear range	5..200	0,5..20,0K	r	3, (4)
11624	pump1 pressure setpoint	0..300	0,0..30,0bar	r	3, (4)
11626	pump1 digital out	0..31		r	3, (4)
11628	pump1 analog out	0..20		r	3, (4)
11630	pump1 alarm digital in	0..42		r	3, (4)
11632	pump1 alarm priorities	0..31		r	3, (4)
11634	pump1 alarm delay	0..100	seconds	r	3, (4)
11636	pump1 pre runtime	0..20	seconds	r	3, (4)
11638	pump1 pre speed	0..100	percent	r	3, (4)
11640	pump1 runtime	0..0xFFFFFFF	hours	r	3, (4)
11642	pump1 speed	0..100	percent	r	4, (3)
11644	pump1 manual operation speed	0..100	percent	rw	3, (4), 1, (2)6
11646	pump1 partner-unit	0..31		r	3, (4)
11648	pump1 partner-pump	0..4		r	3, (4)
11650	pump1 I factor	0..100	percent	r	4, (3)
11652	pump1 D factor	0..100	percent	r	4, (3)
5900	pump2 config active	0 / 1		r	1, (2)
5901	pump2 manual operation active	0 / 1		rw	1, (2), 5
5902	pump2 running	0 / 1		r	2, (1)
5903	pump2 alarm	0 / 1		r	2, (1)
5904	pump2 common alarm	0 / 1		r	1, (2)
5905	pump2 manual operation running	0 / 1		r	
5906					
5907					
11816	pump2 type	1..3		r	3, (4)
11818	pump2 start-temperature	0..99	0,0..9,9K	r	3, (4)
11820	pump2 hysteresis	0..99	0,0..9,9K	r	3, (4)
11822	pump2 linear range	5..200	0,5..20,0	r	3, (4)
11824	pump2 pressure setpoint	0..300	0,0..30,0bar	r	3, (4)
11826	pump2 digital out	0..31		r	3, (4)
11828	pump2 analog out	0..20		r	3, (4)
11830	pump2 alarm digital in	0..42		r	3, (4)
11832	pump2 alarm priorities	0..31		r	3, (4)
11834	pump2 alarm delay	0..100	seconds	r	3, (4)
11836	pump2 pre runtime	0..20	seconds	r	3, (4)
11838	pump2 pre speed	0..100	percent	r	3, (4)
11840	pump2 runtime	0..0xFFFFFFF	hours	r	3, (4)
11842	pump2 speed	0..100	percent	r	4, (3)
11844	pump2 manual operation speed	0..100	percent	rw	3, (4), 1, (2)6
11846	pump2 partner-unit	0..31		r	3, (4)
11848	pump2 partner-pump	0..4		r	3, (4)
11850	pump2 I factor	0..100	percent	r	4, (3)

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11852	pump2 D factor	0..100	percent	r	4, (3)
6000	pump3 config active	0 / 1		r	1, (2)
6001	pump3 manual operation active	0 / 1		rw	1, (2), 5
6002	pump3 running	0 / 1		r	2, (1)
6003	pump3 alarm	0 / 1		r	2, (1)
6004	pump3 common alarm	0 / 1		r	1, (2)
6005	pump3 manual operation running	0 / 1		r	
6006					
6007					
12016	pump3 type	1..3		r	3, (4)
12018	pump3 start-temperature	0..99	0,0..9,9K	r	3, (4)
12020	pump3 hysteresis	0..99	0,0..9,9K	r	3, (4)
12022	pump3 linear range	5..200	0,5..20,0	r	3, (4)
12024	pump3 pressure setpoint	0..300	0,0..30,0bar	r	3, (4)
12026	pump3 digital out	0..31		r	3, (4)
12028	pump3 analog out	0..20		r	3, (4)
12030	pump3 alarm digital in	0..42		r	3, (4)
12032	pump3 alarm priorities	0..31		r	3, (4)
12034	pump3 alarm delay	0..100	seconds	r	3, (4)
12036	pump3 pre runtime	0..20	seconds	r	3, (4)
12038	pump3 pre speed	0..100	percent	r	3, (4)
12040	pump3 runtime	0..0xFFFFFFF	hours	r	3, (4)
12042	pump3 speed	0..100	percent	r	4, (3)
12044	pump3 manual operation speed	0..100	percent	rw	3, (4), 1, (2)6
12046	pump3 partner-unit	0..31		r	3, (4)
12048	pump3 partner-pump	0..4		r	3, (4)
12050	pump3 I factor	0..100	percent	r	4, (3)
12052	pump3 D factor	0..100	percent	r	4, (3)
6100	pump4 config active	0 / 1		r	1, (2)
6101	pump4 manual operation active	0 / 1		rw	1, (2), 5
6102	pump4 running	0 / 1		r	2, (1)
6103	pump4 alarm	0 / 1		r	2, (1)
6104	pump4 common alarm	0 / 1		r	1, (2)
6105	pump4 manual operation running	0 / 1		r	
6106					
6107					
12216	pump4 type	1..3		r	3, (4)
12218	pump4 start-temperature	0..99	0,0..9,9K	r	3, (4)
12220	pump4 hysteresis	0..99	0,0..9,9K	r	3, (4)
12222	pump4 linear range	5..200	0,5..20,0	r	3, (4)
12224	pump4 pressure setpoint	0..300	0,0..30,0bar	r	3, (4)
12226	pump4 digital out	0..31		r	3, (4)
12228	pump4 analog out	0..20		r	3, (4)
12230	pump4 alarm digital in	0..42		r	3, (4)
12232	pump4 alarm priorities	0..31		r	3, (4)
12234	pump4 alarm delay	0..100	seconds	r	3, (4)
12236	pump4 pre runtime	0..20	seconds	r	3, (4)
12238	pump4 pre speed	0..100	percent	r	3, (4)
12240	pump4 runtime	0..0xFFFFFFF	hours	r	3, (4)
12242	pump4 speed	0..100	percent	r	4, (3)
12244	pump4 manual operation speed	0..100	percent	rw	3, (4), 1, (2)6
12246	pump4 partner-unit	0..31		r	3, (4)
12248	pump4 partner-pump	0..4		r	3, (4)
12250	pump4 I factor	0..100	percent	r	4, (3)
12252	pump4 D factor	0..100	percent	r	4, (3)
6200	hotgas-heating config active	0 / 1		r	1, (2)
6201	hotgas-heating manual operation active	0 / 1		rw	1, (2), 5
6202	hotgas-heating running	0 / 1		r	2, (1)
6203	hotgas-heating manual operation running	0 / 1		rw	1, (2), 5
6204					

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6205					
6206					
6207					
12416	hotgas-heating start temperature	0..99	0,0..9,9K	r	3, (4)
12418	hotgas-heating hysteresis	0..99	0,0..9,9K	r	3, (4)
12420	hotgas-heating digital out	0..31		r	3, (4)
6300	PWW-heating config active	0 / 1		r	1, (2)
6301	PWW-heating manual operation active	0 / 1		rw	1, (2), 5
6302	PWW-heating running	0 / 1		r	2, (1)
6303	PWW-heating manual operation running	0 / 1		rw	1, (2), 5
6304					
6305					
6306					
6307					
12616	PWW-heating type	1..2		r	3, (4)
12618	PWW-heating start-temperature	0..99	0,0..9,9K	r	3, (4)
12620	PWW-heating start-temperature 2			r	3, (4)
12622	PWW-heating hysteresis	0..99	0,0..9,9K	r	3, (4)
12624	PWW-heating linear range	5..99	0,5..9,9K	r	3, (4)
12626	PWW-heating digital out	0..31		r	3, (4)
12628	PWW-heating analog out	0..20		r	3, (4)
12630	PWW-heating current value	0..100	percent	r	3, (4)
12632	PWW-heating manual operation value	0..100	percent	rw	3, (4), 1, (2)6
6400	humidifier1 config active	0 / 1		r	1, (2)
6401	humidifier1 manual operation active	0 / 1		rw	1, (2), 5
6402	humidifier1 running	0 / 1		r	2, (1)
6403	humidifier1 alarm	0 / 1		r	2, (1)
6404	humidifier1 manual operation running	0 / 1		rw	1, (2), 5
6405	humidifier1 common alarm	0 / 1		r	1, (2)
6406	humidifier1 conductivity config	0 / 1		r	
6407	humidifier1 common alarm 5µS	0 / 1		r	
6408	humidifier1 common alarm 20µS	0 / 1		r	1, (2)
6409	humidifier1 alarm 5µS	0 / 1		r	1, (2), 5
6410	humidifier1 alarm 20µS	0 / 1		r	2, (1)
6411		0 / 1		r	2, (1)
6412		0 / 1		rw	1, (2), 5
6413		0 / 1		r	1, (2)
6414		0 / 1		r	
6415		0 / 1			
12832	humidifier1 type	1..2		r	3, (4)
12834	humidifier1 start-humidity	0..200	0,0..20,0%rF	r	3, (4)
12836	humidifier1 start-humidity 2			r	3, (4)
12838	humidifier1 hysteresis	0..200	0,0..20,0%rF	r	3, (4)
12840	humidifier1 linear range	5..200	0,5..20,0	r	3, (4)
12842	humidifier1 digital out	0..31		r	3, (4)
12844	humidifier1 analog out	0..20		r	3, (4)
12846	humidifier1 alarm digital in	0..42		r	3, (4)
12848	humidifier1 alarm priorities	0..31		r	3, (4)
12850	humidifier1 alarm delay	0..100	seconds	r	3, (4)
12852	humidifier1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
12854	humidifier1 current value	0..100	percent	r	3, (4)
12856	humidifier1 manual operation value	0..100	percent	rw	3, (4), 1, (2)6
12858	humidifier1 alarm digital in 5µS	0..42		r	3, (4)
12860	humidifier1 alarm digital in 20µS	0..42		r	3, (4)
12862	humidifier1 alarm delay 5µS	0..100	seconds	r	3, (4)
12864	humidifier1 alarm delay 20µS	0..100	seconds	r	3, (4)
12866	humidifier1 alarm priorities 5µS	0..31		r	3, (4)
12868	humidifier1 alarm priorities 20µS	0..31		r	3, (4)
6500	humidifier2 config active	0 / 1		r	1, (2)
6501	humidifier2 manual operation active	0 / 1		rw	1, (2), 5

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6502	humidifier2 running	0 / 1		r	2, (1)
6503	humidifier2 alarm	0 / 1		r	2, (1)
6504	humidifier2 manual operation running	0 / 1		rw	1, (2), 5
6505	humidifier2 common alarm	0 / 1		r	1, (2)
6506	humidifier2 conductivity config	0 / 1		r	
6507	humidifier2 common alarm 5µS	0 / 1		r	
6508	humidifier2 common alarm 20µS	0 / 1		r	1, (2)
6509	humidifier1 alarm 5µS	0 / 1		r	1, (2), 5
6510	humidifier1 alarm 20µS	0 / 1		r	2, (1)
6511		0 / 1		r	2, (1)
6512		0 / 1		rw	1, (2), 5
6513		0 / 1		r	1, (2)
6514		0 / 1		r	
6515		0 / 1			
13032	humidifier2 type	1..2		r	3, (4)
13034	humidifier2 start-humidity	0..200	0,0..20,0%rF	r	3, (4)
13036	humidifier2 start-humidity 2			r	3, (4)
13038	humidifier2 hysteresis	0..200	0,0..20,0%rF	r	3, (4)
13040	humidifier2 linear range	5..200	0,5..20,0	r	3, (4)
13042	humidifier2 digital out	0..31		r	3, (4)
13044	humidifier2 analog out	0..20		r	3, (4)
13046	humidifier2 alarm digital in	0..42		r	3, (4)
13048	humidifier2 alarm priorities	0..31		r	3, (4)
13050	humidifier2 alarm delay	0..100	seconds	r	3, (4)
13052	humidifier2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
13054	humidifier2 current value	0..100	percent	r	3, (4)
13056	humidifier2 manual operation value	0..100	percent	rw	3, (4), 1, (2)6
13058	humidifier2 alarm digital in 5µS	0..42		r	3, (4)
13060	humidifier2 alarm digital in 20µS	0..42		r	3, (4)
13062	humidifier2 alarm delay 5µS	0..100	seconds	r	3, (4)
13064	humidifier2 alarm delay 20µS	0..100	seconds	r	3, (4)
13066	humidifier2 alarm priorities 5µS	0..31		r	3, (4)
13068	humidifier2 alarm priorities 20µS	0..31		r	3, (4)
6600	humidifier3 config active	0 / 1		r	1, (2)
6601	humidifier3 manual operation active	0 / 1		rw	1, (2), 5
6602	humidifier3 running	0 / 1		r	2, (1)
6603	humidifier3 alarm	0 / 1		r	2, (1)
6604	humidifier3 manual operation running	0 / 1		rw	1, (2), 5
6605	humidifier3 common alarm	0 / 1		r	1, (2)
6606	humidifier3 conductivity config	0 / 1		r	
6607	humidifier3 common alarm 5µS	0 / 1		r	
6608	humidifier3 common alarm 20µS	0 / 1		r	1, (2)
6609	humidifier1 alarm 5µS	0 / 1		r	1, (2), 5
6610	humidifier1 alarm 20µS	0 / 1		r	2, (1)
6611		0 / 1		r	2, (1)
6612		0 / 1		rw	1, (2), 5
6613		0 / 1		r	1, (2)
6614		0 / 1		r	
6615		0 / 1			
13232	humidifier3 type	1..2		r	3, (4)
13234	humidifier3 start-humidity	0..200	0,0..20,0%rF	r	3, (4)
13236	humidifier3 start-humidity 2			r	3, (4)
13238	humidifier3 hysteresis	0..200	0,0..20,0%rF	r	3, (4)
13240	humidifier3 linear range	5..200	0,5..20,0	r	3, (4)
13242	humidifier3 digital out	0..31		r	3, (4)
13244	humidifier3 analog out	0..20		r	3, (4)
13246	humidifier3 alarm digital in	0..42		r	3, (4)
13248	humidifier3 alarm priorities	0..31		r	3, (4)
13250	humidifier3 alarm delay	0..100	seconds	r	3, (4)
13252	humidifier3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
13254	humidifier3 current value	0..100	percent	r	3, (4)
13256	humidifier3 manual operation value	0..100	percent	rw	3, (4), 1, (2)6
13258	humidifier3 alarm digital in 5µS	0..42		r	3, (4)
13260	humidifier3 alarm digital in 20µS	0..42		r	3, (4)

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13262	humidifier3 alarm delay 5µS	0..100	seconds	r	3, (4)
13264	humidifier3 alarm delay 20µS	0..100	seconds	r	3, (4)
13266	humidifier3 alarm priorities 5µS	0..31		r	3, (4)
13268	humidifier3 alarm priorities 20µS	0..31		r	3, (4)
6700	humidifier4 config active	0 / 1		r	1, (2)
6701	humidifier4 manual operation active	0 / 1		rw	1, (2), 5
6702	humidifier4 running	0 / 1		r	2, (1)
6703	humidifier4 alarm	0 / 1		r	2, (1)
6704	humidifier4 manual operation running	0 / 1		rw	1, (2), 5
6705	humidifier4 common alarm	0 / 1		r	1, (2)
6706	humidifier4 conductivity config	0 / 1		r	
6707	humidifier4 common alarm 5µS	0 / 1		r	
6708	humidifier4 common alarm 20µS	0 / 1		r	1, (2)
6709	humidifier1 alarm 5µS	0 / 1		r	1, (2), 5
6710	humidifier1 alarm 20µS	0 / 1		r	2, (1)
6711		0 / 1		r	2, (1)
6712		0 / 1		rw	1, (2), 5
6713		0 / 1		r	1, (2)
6714		0 / 1		r	
6715		0 / 1			
13432	humidifier4 type	1..2		r	3, (4)
13434	humidifier4 start-humidity	0..200	0,0..20,0%rF	r	3, (4)
13436	humidifier4 start-humidity 2			r	3, (4)
13438	humidifier4 hysteresis	0..200	0,0..20,0%rF	r	3, (4)
13440	humidifier4 linear range	5..200	0,5..20,0	r	3, (4)
13442	humidifier4 digital out	0..31		r	3, (4)
13444	humidifier4 analog out	0..20		r	3, (4)
13446	humidifier4 alarm digital in	0..42		r	3, (4)
13448	humidifier4 alarm priorities	0..31		r	3, (4)
13450	humidifier4 alarm delay	0..100	seconds	r	3, (4)
13452	humidifier4 runtime	0..0xFFFFFFFF	hours	r	3, (4)
13454	humidifier4 current value	0..100	percent	r	3, (4)
13456	humidifier4 manual operation value	0..100	percent	rw	3, (4), 1, (2)6
13458	humidifier4 alarm digital in 5µS	0..42		r	3, (4)
13460	humidifier4 alarm digital in 20µS	0..42		r	3, (4)
13462	humidifier4 alarm delay 5µS	0..100	seconds	r	3, (4)
13464	humidifier4 alarm delay 20µS	0..100	seconds	r	3, (4)
13466	humidifier4 alarm priorities 5µS	0..31		r	3, (4)
13468	humidifier4 alarm priorities 20µS	0..31		r	3, (4)
6800	dehumidification valve config active	0 / 1		r	1, (2)
6801	dehumidification manual operation active	0 / 1		rw	1, (2), 5
6802	dehumidification running	0 / 1		r	2, (1)
6803	dehumidifier alarm	0 / 1		r	2, (1)
6804	dehumidification manual operation running	0 / 1		rw	1, (2), 5
6805	dehumidification hotgas bypass config active	0 / 1		r	
6806					
6807					
13616	dehumidifier type			r	3, (4)
13618	dehumidifier start-humidity	0..1000	0,0..100,0%rF	r	3, (4)
13620	dehumidifier start-humidity 2			r	3, (4)
13622	dehumidification hysteresis	0..300	0,0..30,0%rF	r	3, (4)
13624	dehumidifier linear range			r	3, (4)
13626	dehumidification digital out	0..31		r	3, (4)
13628	dehumidifier analog out			r	3, (4)
13630	dehumidifier alarm digital in			r	3, (4)
13632	dehumidifier alarm priorities			r	3, (4)
13634	dehumidifier min water temp	0..500	0,0..50,0°C	r	3, (4)
13636	dehumidifier max water temp	0..500	0,0..50,0°C	r	3, (4)
13638	dehumidifier alarm delay			r	3, (4)
13640	dehumidifier runtime			r	
13642	dehumidification stop on room temp	0..100	0,0..10,0K	r	
13644	min fan speed when precision dehumidification	0..100	percent	r	

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6900	fan1 config active	0 / 1		r	1, (2)
6901	fan1 manual operation active	0 / 1		rw	1, (2), 5
6902	fan1 running	0 / 1		r	2, (1)
6903	fan1 alarm	0 / 1		r	2, (1)
6904	fan1 filter alarm	0 / 1		r	2, (1)
6905	fan1 manual operation running	0 / 1		rw	1, (2), 5
6906	fan1 common alarm	0 / 1		r	1, (2)
6907	fan1 common alarm filter	0 / 1		r	1, (2)
13816	fan1 type	1..2		r	3, (4)
13818	fan1 speed nmax.	40..100	percent	r	3, (4)
13820	fan1 CW-mode nmax	40..100	percent	r	3, (4)
13822	fan1 pre runtime	0..100	seconds	r	3, (4)
13824	fan1 run after time	0..100	seconds	r	3, (4)
13826	fan1 start temp	0..99	0,0..9,9K	r	3, (4)
13828	fan1 start speed	0..10	percent	r	3, (4)
13830	fan1 speed start			r	3, (4)
13832	fan1 start 100% time	0..100	seconds	r	3, (4)
13834	fan1 reduce time	30..120	minutes	r	3, (4)
13836	fan1 reduce speed	0..100	percent	r	3, (4)
13838	fan1 offset	-10..10	percent	r	3, (4)
13840	fan1 dehumidification speed	0..20	percent	r	3, (4)
13842	fan1 ups speed	0..20	percent	r	3, (4)
13844	fan1 offset filter clogged	0..10	percent	r	3, (4)
13846	fan1 digital out	0..31		r	3, (4)
13848	fan1 analog out	0..20		r	3, (4)
13850	fan1 alarm digital in	0..42		r	3, (4)
13852	fan1 alarm priorities	0..31		r	3, (4)
13854	fan1 alarm delay	0..100	seconds	r	3, (4)
13856	fan1 filter alarm digital in	0..42		r	3, (4)
13858	fan1 filter alarm priorities	0..31		r	3, (4)
13860	fan1 filter alarm delay	0..100	seconds	r	3, (4)
13862	fan1 runtime	0..0xFFFFFFFF	hours	r	3, (4)
13864	fan1 speed	0..100	percent	r	3, (4)
13866	fan1 manual operation speed	0..100	percent	rw	3, (4), 1, (2)6
13868	fan1 min speed	70..100	percent	r	3, (4)
7000	fan2 config active	0 / 1		r	1, (2)
7001	fan2 manual operation active	0 / 1		rw	1, (2), 5
7002	fan2 running	0 / 1		r	2, (1)
7003	fan2 alarm	0 / 1		r	2, (1)
7004	fan2 filter alarm	0 / 1		r	2, (1)
7005	fan2 manual operation running	0 / 1		rw	1, (2), 5
7006	fan2 common alarm	0 / 1		r	1, (2)
7007	fan2 common alarm filter	0 / 1		r	1, (2)
14016	fan2 type	1..2		r	3, (4)
14018	fan2 speed nmax.	40..100	percent	r	3, (4)
14020	fan2 CW-mode nmax	40..100	percent	r	3, (4)
14022	fan2 pre runtime	0..100	seconds	r	3, (4)
14024	fan2 run after time	0..100	seconds	r	3, (4)
14026	fan2 start temp	0..99	0,0..9,9K	r	3, (4)
14028	fan2 start speed	0..10	percent	r	3, (4)
14030	fan2 speed start			r	3, (4)
14032	fan2 start 100% time	0..100	seconds	r	3, (4)
14034	fan2 reduce time	30..120	minutes	r	3, (4)
14036	fan2 reduce speed	0..100	percent	r	3, (4)
14038	fan2 offset	-10..10	percent	r	3, (4)
14040	fan2 dehumidification speed	0..20	percent	r	3, (4)
14042	fan2 ups speed	0..20	percent	r	3, (4)
14044	fan2 offset filter clogged	0..10	percent	r	3, (4)
14046	fan2 digital out	0..31		r	3, (4)
14048	fan2 analog out	0..20		r	3, (4)
14050	fan2 alarm digital in	0..42		r	3, (4)
14052	fan2 alarm priorities	0..31		r	3, (4)

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14054	fan2 alarm delay	0..100	seconds	r	3, (4)
14056	fan2 filter alarm digital in	0..42		r	3, (4)
14058	fan2 filter alarm priorities	0..31		r	3, (4)
14060	fan2 filter alarm delay	0..100	seconds	r	3, (4)
14062	fan2 runtime	0..0xFFFFFFFF	hours	r	3, (4)
14064	fan2 speed	0..100	percent	r	3, (4)
14066	fan2 manual operation speed	0..100	percent	rw	3, (4), 1, (2)6
14068	fan2 min speed	70..100	percent	r	3, (4)
7100	fan3 config active	0 / 1		r	1, (2)
7101	fan3 manual operation active	0 / 1		rw	1, (2), 5
7102	fan3 running	0 / 1		r	2, (1)
7103	fan3 alarm	0 / 1		r	2, (1)
7104	fan3 filter alarm	0 / 1		r	2, (1)
7105	fan3 manual operation running	0 / 1		rw	1, (2), 5
7106	fan3 common alarm	0 / 1		r	1, (2)
7107	fan3 common alarm filter	0 / 1		r	1, (2)
14216	fan3 type	1..2		r	3, (4)
14218	fan3 speed nmax.	40..100	percent	r	3, (4)
14220	fan3 CW-mode nmax	40..100	percent	r	3, (4)
14222	fan3 pre runtime	0..100	seconds	r	3, (4)
14224	fan3 run after time	0..100	seconds	r	3, (4)
14226	fan3 start temp	0..99	0.0..9.9K	r	3, (4)
14228	fan3 start speed	0..10	percent	r	3, (4)
14230	fan3 speed start			r	3, (4)
14232	fan3 start 100% time	0..100	seconds	r	3, (4)
14234	fan3 reduce time	30..120	minutes	r	3, (4)
14236	fan3 reduce speed	0..100	percent	r	3, (4)
14238	fan3 offset	-10..10	percent	r	3, (4)
14240	fan3 dehumidification speed	0..20	percent	r	3, (4)
14242	fan3 ups speed	0..20	percent	r	3, (4)
14244	fan3 offset filter clogged	0..10	percent	r	3, (4)
14246	fan3 digital out	0..31		r	3, (4)
14248	fan3 analog out	0..20		r	3, (4)
14250	fan3 alarm digital in	0..42		r	3, (4)
14252	fan3 alarm priorities	0..31		r	3, (4)
14254	fan3 alarm delay	0..100	seconds	r	3, (4)
14256	fan3 filter alarm digital in	0..42		r	3, (4)
14258	fan3 filter alarm priorities	0..31		r	3, (4)
14260	fan3 filter alarm delay	0..100	seconds	r	3, (4)
14262	fan3 runtime	0..0xFFFFFFFF	hours	r	3, (4)
14264	fan3 speed	0..100	percent	r	3, (4)
14266	fan3 manual operation speed	0..100	percent	rw	3, (4), 1, (2)6
14268	fan3 min speed	70..100	percent	r	3, (4)
7200	louwer1 config active	0 / 1		r	1, (2)
7201	louwer1 manual operation active	0 / 1		rw	1, (2), 5
7202	louwer1 open	0 / 1		r	2, (1)
7203	louwer1 manual operation open	0 / 1		rw	1, (2), 5
7204					
7205					
7206					
7207					
14416	louwer1 delay	0..180	seconds	r	3, (4)
14418	louwer1 digital out	0..31		r	3, (4)
7300	louwer2 config active	0 / 1		r	1, (2)
7301	louwer2 manual operation active	0 / 1		rw	1, (2), 5
7302	louwer2 open	0 / 1		r	2, (1)
7303	louwer2 manual operation open	0 / 1		rw	1, (2), 5
7304					
7305					
7306					

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7307					
14616	louver2 delay	0..180	seconds	r	3, (4)
14618	louver2 digital out	0..31		r	3, (4)
7400	louver3 config active	0 / 1		r	1, (2)
7401	louver3 manual operation active	0 / 1		rw	1, (2), 5
7402	louver3 open	0 / 1		r	2, (1)
7403	louver3 manual operation open	0 / 1		rw	1, (2), 5
7404					
7405					
7406					
7407					
14816	louver3 delay	0..180	seconds	r	3, (4)
14818	louver3 digital out	0..31		r	3, (4)
7500	ext. alarm config active	0 / 1		r	1, (2)
7501	ext. alarm manual operation active	0 / 1		r	1, (2)
7502	ext. alarm active	0 / 1		r	2, (1)
7503	ext. alarm manual operation active	0 / 1		r	1, (2)
7504	ext. alarm common alarm	0 / 1		r	1, (2)
7505					
7506					
7507					
15016	ext. alarm digital in	0..42		r	3, (4)
15018	ext. alarm priorities	0..31		r	3, (4)
15020	ext. alarm delay	0..100	seconds	r	3, (4)
15022	ext. alarm text 0	32..125	ASCII	r	3, (4)
15024	ext. alarm text 1	32..125	ASCII	r	3, (4)
15026	ext. alarm text 2	32..125	ASCII	r	3, (4)
15028	ext. alarm text 3	32..125	ASCII	r	3, (4)
15030	ext. alarm text 4	32..125	ASCII	r	3, (4)
15032	ext. alarm text 5	32..125	ASCII	r	3, (4)
15034	ext. alarm text 6	32..125	ASCII	r	3, (4)
15036	ext. alarm text 7	32..125	ASCII	r	3, (4)
15038	ext. alarm text 8	32..125	ASCII	r	3, (4)
15040	ext. alarm text 9	32..125	ASCII	r	3, (4)
15042	ext. alarm text 10	32..125	ASCII	r	3, (4)
15044	ext. alarm text 11	32..125	ASCII	r	3, (4)
15046	ext. alarm text 12	32..125	ASCII	r	3, (4)
15048	ext. alarm text 13	32..125	ASCII	r	3, (4)
15050	ext. alarm text 14	32..125	ASCII	r	3, (4)
15052	ext. alarm text 15	32..125	ASCII	r	3, (4)
15054	ext. alarm text 16	32..125	ASCII	r	3, (4)
15056	ext. alarm text 17	32..125	ASCII	r	3, (4)
15058	ext. alarm text 18	32..125	ASCII	r	3, (4)
15060	ext. alarm text 19	32..125	ASCII	r	3, (4)
7600	ext. alarm config active	0 / 1		r	1, (2)
7601	ext. alarm manual operation active	0 / 1		r	1, (2)
7602	ext. alarm active	0 / 1		r	2, (1)
7603	ext. alarm manual operation active	0 / 1		r	1, (2)
7604	ext. alarm common alarm	0 / 1		r	1, (2)
7605					
7606					
7607					
15216	ext. alarm digital in	0..42		r	3, (4)
15218	ext. alarm priorities	0..31		r	3, (4)
15220	ext. alarm delay	0..100	seconds	r	3, (4)
15222	ext. alarm text 0	32..125	ASCII	r	3, (4)
15224	ext. alarm text 1	32..125	ASCII	r	3, (4)
15226	ext. alarm text 2	32..125	ASCII	r	3, (4)
15228	ext. alarm text 3	32..125	ASCII	r	3, (4)
15230	ext. alarm text 4	32..125	ASCII	r	3, (4)

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15232	ext. alarm text 5	32..125	ASCII	r	3, (4)
15234	ext. alarm text 6	32..125	ASCII	r	3, (4)
15236	ext. alarm text 7	32..125	ASCII	r	3, (4)
15238	ext. alarm text 8	32..125	ASCII	r	3, (4)
15240	ext. alarm text 9	32..125	ASCII	r	3, (4)
15242	ext. alarm text 10	32..125	ASCII	r	3, (4)
15244	ext. alarm text 11	32..125	ASCII	r	3, (4)
15246	ext. alarm text 12	32..125	ASCII	r	3, (4)
15248	ext. alarm text 13	32..125	ASCII	r	3, (4)
15250	ext. alarm text 14	32..125	ASCII	r	3, (4)
15252	ext. alarm text 15	32..125	ASCII	r	3, (4)
15254	ext. alarm text 16	32..125	ASCII	r	3, (4)
15256	ext. alarm text 17	32..125	ASCII	r	3, (4)
15258	ext. alarm text 18	32..125	ASCII	r	3, (4)
15260	ext. alarm text 19	32..125	ASCII	r	3, (4)
7700	ext. alarm config active	0 / 1		r	1, (2)
7701	ext. alarm manual operation active	0 / 1		r	1, (2)
7702	ext. alarm active	0 / 1		r	2, (1)
7703	ext. alarm manual operation active	0 / 1		r	1, (2)
7704	ext. alarm common alarm	0 / 1		r	1, (2)
7705					
7706					
7707					
15416	ext. alarm digital in	0..42		r	3, (4)
15418	ext. alarm priorities	0..31		r	3, (4)
15420	ext. alarm delay	0..100	seconds	r	3, (4)
15422	ext. alarm text 0	32..125	ASCII	r	3, (4)
15424	ext. alarm text 1	32..125	ASCII	r	3, (4)
15426	ext. alarm text 2	32..125	ASCII	r	3, (4)
15428	ext. alarm text 3	32..125	ASCII	r	3, (4)
15430	ext. alarm text 4	32..125	ASCII	r	3, (4)
15432	ext. alarm text 5	32..125	ASCII	r	3, (4)
15434	ext. alarm text 6	32..125	ASCII	r	3, (4)
15436	ext. alarm text 7	32..125	ASCII	r	3, (4)
15438	ext. alarm text 8	32..125	ASCII	r	3, (4)
15440	ext. alarm text 9	32..125	ASCII	r	3, (4)
15442	ext. alarm text 10	32..125	ASCII	r	3, (4)
15444	ext. alarm text 11	32..125	ASCII	r	3, (4)
15446	ext. alarm text 12	32..125	ASCII	r	3, (4)
15448	ext. alarm text 13	32..125	ASCII	r	3, (4)
15450	ext. alarm text 14	32..125	ASCII	r	3, (4)
15452	ext. alarm text 15	32..125	ASCII	r	3, (4)
15454	ext. alarm text 16	32..125	ASCII	r	3, (4)
15456	ext. alarm text 17	32..125	ASCII	r	3, (4)
15458	ext. alarm text 18	32..125	ASCII	r	3, (4)
15460	ext. alarm text 19	32..125	ASCII	r	3, (4)
7800	ext. alarm config active	0 / 1		rw	rw
7801	ext. alarm manual operation active	0 / 1		rw	rw
7802	ext. alarm active	0 / 1		r	2, (1)
7803	ext. alarm manual operation active	0 / 1		r	1, (2)
7804	ext. alarm common alarm	0 / 1		r	1, (2)
7805					
7806					
7807					
15616	ext. alarm digital in	0..42		r	3, (4)
15618	ext. alarm priorities	0..31		r	3, (4)
15620	ext. alarm delay	0..100	seconds	rw	rw
15622	ext. alarm text 0	32..125	ASCII	rw	rw
15624	ext. alarm text 1	32..125	ASCII	rw	rw
15626	ext. alarm text 2	32..125	ASCII	rw	rw
15628	ext. alarm text 3	32..125	ASCII	rw	rw
15630	ext. alarm text 4	32..125	ASCII	rw	rw

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15632	ext. alarm text 5	32..125	ASCII	rw	rw
15634	ext. alarm text 6	32..125	ASCII	rw	rw
15636	ext. alarm text 7	32..125	ASCII	rw	rw
15638	ext. alarm text 8	32..125	ASCII	rw	rw
15640	ext. alarm text 9	32..125	ASCII	rw	rw
15642	ext. alarm text 10	32..125	ASCII	rw	rw
15644	ext. alarm text 11	32..125	ASCII	rw	rw
15646	ext. alarm text 12	32..125	ASCII	rw	rw
15648	ext. alarm text 13	32..125	ASCII	rw	rw
15650	ext. alarm text 14	32..125	ASCII	rw	rw
15652	ext. alarm text 15	32..125	ASCII	rw	rw
15654	ext. alarm text 16	32..125	ASCII	rw	rw
15656	ext. alarm text 17	32..125	ASCII	rw	rw
15658	ext. alarm text 18	32..125	ASCII	rw	rw
15660	ext. alarm text 19	32..125	ASCII	rw	rw
7900	ext. alarm config active	0 / 1		r	1, (2)
7901	ext. alarm manual operation active	0 / 1		r	1, (2)
7902	ext. alarm active	0 / 1		r	2, (1)
7903	ext. alarm manual operation active	0 / 1		r	1, (2)
7904	ext. alarm common alarm	0 / 1		r	1, (2)
7905					
7906					
7907					
15816	ext. alarm digital in	0..42		r	3, (4)
15818	ext. alarm priorities	0..31		r	3, (4)
15820	ext. alarm delay	0..100	seconds	r	3, (4)
15822	ext. alarm text 0	32..125	ASCII	r	3, (4)
15824	ext. alarm text 1	32..125	ASCII	r	3, (4)
15826	ext. alarm text 2	32..125	ASCII	r	3, (4)
15828	ext. alarm text 3	32..125	ASCII	r	3, (4)
15830	ext. alarm text 4	32..125	ASCII	r	3, (4)
15832	ext. alarm text 5	32..125	ASCII	r	3, (4)
15834	ext. alarm text 6	32..125	ASCII	r	3, (4)
15836	ext. alarm text 7	32..125	ASCII	r	3, (4)
15838	ext. alarm text 8	32..125	ASCII	r	3, (4)
15840	ext. alarm text 9	32..125	ASCII	r	3, (4)
15842	ext. alarm text 10	32..125	ASCII	r	3, (4)
15844	ext. alarm text 11	32..125	ASCII	r	3, (4)
15846	ext. alarm text 12	32..125	ASCII	r	3, (4)
15848	ext. alarm text 13	32..125	ASCII	r	3, (4)
15850	ext. alarm text 14	32..125	ASCII	r	3, (4)
15852	ext. alarm text 15	32..125	ASCII	r	3, (4)
15854	ext. alarm text 16	32..125	ASCII	r	3, (4)
15856	ext. alarm text 17	32..125	ASCII	r	3, (4)
15858	ext. alarm text 18	32..125	ASCII	r	3, (4)
15860	ext. alarm text 19	32..125	ASCII	r	3, (4)
8000	ext. alarm config active	0 / 1		r	1, (2)
8001	ext. alarm manual operation active	0 / 1		r	1, (2)
8002	ext. alarm active	0 / 1		r	2, (1)
8003	ext. alarm manual operation active	0 / 1		r	1, (2)
8004	ext. alarm common alarm	0 / 1		r	1, (2)
8005					
8006					
8007					
16016	ext. alarm digital in	0..42		r	3, (4)
16018	ext. alarm priorities	0..31		r	3, (4)
16020	ext. alarm delay	0..100	seconds	r	3, (4)
16022	ext. alarm text 0	32..125	ASCII	r	3, (4)
16024	ext. alarm text 1	32..125	ASCII	r	3, (4)
16026	ext. alarm text 2	32..125	ASCII	r	3, (4)
16028	ext. alarm text 3	32..125	ASCII	r	3, (4)
16030	ext. alarm text 4	32..125	ASCII	r	3, (4)

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16032	ext. alarm text 5	32..125	ASCII	r	3, (4)
16034	ext. alarm text 6	32..125	ASCII	r	3, (4)
16036	ext. alarm text 7	32..125	ASCII	r	3, (4)
16038	ext. alarm text 8	32..125	ASCII	r	3, (4)
16040	ext. alarm text 9	32..125	ASCII	r	3, (4)
16042	ext. alarm text 10	32..125	ASCII	r	3, (4)
16044	ext. alarm text 11	32..125	ASCII	r	3, (4)
16046	ext. alarm text 12	32..125	ASCII	r	3, (4)
16048	ext. alarm text 13	32..125	ASCII	r	3, (4)
16050	ext. alarm text 14	32..125	ASCII	r	3, (4)
16052	ext. alarm text 15	32..125	ASCII	r	3, (4)
16054	ext. alarm text 16	32..125	ASCII	r	3, (4)
16056	ext. alarm text 17	32..125	ASCII	r	3, (4)
16058	ext. alarm text 18	32..125	ASCII	r	3, (4)
16060	ext. alarm text 19	32..125	ASCII	r	3, (4)
8100	ext. alarm config active	0 / 1		r	1, (2)
8101	ext. alarm manual operation active	0 / 1		r	1, (2)
8102	ext. alarm active	0 / 1		r	2, (1)
8103	ext. alarm manual operation active	0 / 1		r	1, (2)
8104	ext. alarm common alarm	0 / 1		r	1, (2)
8105					
8106					
8107					
16216	ext. alarm digital in	0..42		r	3, (4)
16218	ext. alarm priorities	0..31		r	3, (4)
16220	ext. alarm delay	0..100	seconds	r	3, (4)
16222	ext. alarm text 0	32..125	ASCII	r	3, (4)
16224	ext. alarm text 1	32..125	ASCII	r	3, (4)
16226	ext. alarm text 2	32..125	ASCII	r	3, (4)
16228	ext. alarm text 3	32..125	ASCII	r	3, (4)
16230	ext. alarm text 4	32..125	ASCII	r	3, (4)
16232	ext. alarm text 5	32..125	ASCII	r	3, (4)
16234	ext. alarm text 6	32..125	ASCII	r	3, (4)
16236	ext. alarm text 7	32..125	ASCII	r	3, (4)
16238	ext. alarm text 8	32..125	ASCII	r	3, (4)
16240	ext. alarm text 9	32..125	ASCII	r	3, (4)
16242	ext. alarm text 10	32..125	ASCII	r	3, (4)
16244	ext. alarm text 11	32..125	ASCII	r	3, (4)
16246	ext. alarm text 12	32..125	ASCII	r	3, (4)
16248	ext. alarm text 13	32..125	ASCII	r	3, (4)
16250	ext. alarm text 14	32..125	ASCII	r	3, (4)
16252	ext. alarm text 15	32..125	ASCII	r	3, (4)
16254	ext. alarm text 16	32..125	ASCII	r	3, (4)
16256	ext. alarm text 17	32..125	ASCII	r	3, (4)
16258	ext. alarm text 18	32..125	ASCII	r	3, (4)
16260	ext. alarm text 19	32..125	ASCII	r	3, (4)
8200	ext. alarm config active	0 / 1		r	1, (2)
8201	ext. alarm manual operation active	0 / 1		r	1, (2)
8202	ext. alarm active	0 / 1		r	2, (1)
8203	ext. alarm manual operation active	0 / 1		r	1, (2)
8204	ext. alarm common alarm	0 / 1		r	1, (2)
8205					
8206					
8207					
16416	ext. alarm digital in	0..42		r	3, (4)
16418	ext. alarm priorities	0..31		r	3, (4)
16420	ext. alarm delay	0..100	seconds	r	3, (4)
16422	ext. alarm text 0	32..125	ASCII	r	3, (4)
16424	ext. alarm text 1	32..125	ASCII	r	3, (4)
16426	ext. alarm text 2	32..125	ASCII	r	3, (4)
16428	ext. alarm text 3	32..125	ASCII	r	3, (4)
16430	ext. alarm text 4	32..125	ASCII	r	3, (4)

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16432	ext. alarm text 5	32..125	ASCII	r	3, (4)
16434	ext. alarm text 6	32..125	ASCII	r	3, (4)
16436	ext. alarm text 7	32..125	ASCII	r	3, (4)
16438	ext. alarm text 8	32..125	ASCII	r	3, (4)
16440	ext. alarm text 9	32..125	ASCII	r	3, (4)
16442	ext. alarm text 10	32..125	ASCII	r	3, (4)
16444	ext. alarm text 11	32..125	ASCII	r	3, (4)
16446	ext. alarm text 12	32..125	ASCII	r	3, (4)
16448	ext. alarm text 13	32..125	ASCII	r	3, (4)
16450	ext. alarm text 14	32..125	ASCII	r	3, (4)
16452	ext. alarm text 15	32..125	ASCII	r	3, (4)
16454	ext. alarm text 16	32..125	ASCII	r	3, (4)
16456	ext. alarm text 17	32..125	ASCII	r	3, (4)
16458	ext. alarm text 18	32..125	ASCII	r	3, (4)
16460	ext. alarm text 19	32..125	ASCII	r	3, (4)
8300	ext. alarm config active	0 / 1		r	1, (2)
8301	ext. alarm manual operation active	0 / 1		r	1, (2)
8302	ext. alarm active	0 / 1		r	2, (1)
8303	ext. alarm manual operation active	0 / 1		r	1, (2)
8304	ext. alarm common alarm	0 / 1		r	1, (2)
8305					
8306					
8307					
16616	ext. alarm digital in	0..42		r	3, (4)
16618	ext. alarm priorities	0..31		r	3, (4)
16620	ext. alarm delay	0..100	seconds	r	3, (4)
16622	ext. alarm text 0	32..125	ASCII	r	3, (4)
16624	ext. alarm text 1	32..125	ASCII	r	3, (4)
16626	ext. alarm text 2	32..125	ASCII	r	3, (4)
16628	ext. alarm text 3	32..125	ASCII	r	3, (4)
16630	ext. alarm text 4	32..125	ASCII	r	3, (4)
16632	ext. alarm text 5	32..125	ASCII	r	3, (4)
16634	ext. alarm text 6	32..125	ASCII	r	3, (4)
16636	ext. alarm text 7	32..125	ASCII	r	3, (4)
16638	ext. alarm text 8	32..125	ASCII	r	3, (4)
16640	ext. alarm text 9	32..125	ASCII	r	3, (4)
16642	ext. alarm text 10	32..125	ASCII	r	3, (4)
16644	ext. alarm text 11	32..125	ASCII	r	3, (4)
16646	ext. alarm text 12	32..125	ASCII	r	3, (4)
16648	ext. alarm text 13	32..125	ASCII	r	3, (4)
16650	ext. alarm text 14	32..125	ASCII	r	3, (4)
16652	ext. alarm text 15	32..125	ASCII	r	3, (4)
16654	ext. alarm text 16	32..125	ASCII	r	3, (4)
16656	ext. alarm text 17	32..125	ASCII	r	3, (4)
16658	ext. alarm text 18	32..125	ASCII	r	3, (4)
16660	ext. alarm text 19	32..125	ASCII	r	3, (4)
8400	ext. alarm config active	0 / 1		r	1, (2)
8401	ext. alarm manual operation active	0 / 1		r	1, (2)
8402	ext. alarm active	0 / 1		r	2, (1)
8403	ext. alarm manual operation active	0 / 1		r	1, (2)
8404	ext. alarm common alarm	0 / 1		r	1, (2)
8405					
8406					
8407					
16816	ext. alarm digital in	0..42		r	3, (4)
16818	ext. alarm priorities	0..31		r	3, (4)
16820	ext. alarm delay	0..100	seconds	r	3, (4)
16822	ext. alarm text 0	32..125	ASCII	r	3, (4)
16824	ext. alarm text 1	32..125	ASCII	r	3, (4)
16826	ext. alarm text 2	32..125	ASCII	r	3, (4)
16828	ext. alarm text 3	32..125	ASCII	r	3, (4)
16830	ext. alarm text 4	32..125	ASCII	r	3, (4)

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16832	ext. alarm text 5	32..125	ASCII	r	3, (4)
16834	ext. alarm text 6	32..125	ASCII	r	3, (4)
16836	ext. alarm text 7	32..125	ASCII	r	3, (4)
16838	ext. alarm text 8	32..125	ASCII	r	3, (4)
16840	ext. alarm text 9	32..125	ASCII	r	3, (4)
16842	ext. alarm text 10	32..125	ASCII	r	3, (4)
16844	ext. alarm text 11	32..125	ASCII	r	3, (4)
16846	ext. alarm text 12	32..125	ASCII	r	3, (4)
16848	ext. alarm text 13	32..125	ASCII	r	3, (4)
16850	ext. alarm text 14	32..125	ASCII	r	3, (4)
16852	ext. alarm text 15	32..125	ASCII	r	3, (4)
16854	ext. alarm text 16	32..125	ASCII	r	3, (4)
16856	ext. alarm text 17	32..125	ASCII	r	3, (4)
16858	ext. alarm text 18	32..125	ASCII	r	3, (4)
16860	ext. alarm text 19	32..125	ASCII	r	3, (4)