

Service	Group	Data point	read/write	Data p.length ¹	min. value ²	max. value ²	VS-Adress ¹
Operation HC1	Heating circuit 1	Operating mode	write	1-Byte	0	7	0xB000
Operation HC1	Heating circuit 1	Set room temperature, standard	write	2-Byte	10	30	0x2000
Operation HC1	Heating circuit 1	Set room temperature, reduced mode	write	2-Byte	10	30	0x2001
Operation HC1	Heating circuit 1	Heating curve slope	write	2-Byte	0	3,5	0x2007
Operation HC1	Heating circuit 1	Heating curve level	write	2-Byte	-15	40	0x2006
Operation HC1	Heating circuit 1	Economy mode	write	1-Byte	0	1	0xB000
Operation HC1	Heating circuit 1	Party mode	write	1-Byte	0	1	0xB000
Operation HC1	Heating circuit 1	Party set temperature	write	2-Byte	10	30	0x2022
Operation HC1	Heating circuit 1	Cooling curve level	write	2-Byte	-15	40	0x7110
Operation HC1	Heating circuit 1	Cooling curve slope	write	2-Byte	0	3,5	0x7111
Operation HC2	Heating circuit 2	Operating mode	write	1-Byte	0	7	0xB001
Operation HC2	Heating circuit 2	Set room temperature, standard	write	2-Byte	10	30	0x3000
Operation HC2	Heating circuit 2	Set room temperature, reduced mode	write	2-Byte	10	30	0x3001
Operation HC2	Heating circuit 2	Heating curve slope	write	2-Byte	0	3,5	0x3007
Operation HC2	Heating circuit 2	Heating curve level	write	2-Byte	-15	40	0x3006
Operation HC2	Heating circuit 2	Economy mode	write	1-Byte	0	1	0xB001
Operation HC2	Heating circuit 2	Party mode	write	1-Byte	0	1	0xB001
Operation HC2	Heating circuit 2	Party set temperature	write	2-Byte	10	30	0x3022
Operation HC2	Heating circuit 2	Cooling curve level	write	2-Byte	-15	40	0x7110
Operation HC2	Heating circuit 2	Cooling curve slope	write	2-Byte	0	3,5	0x7111
Operation HC3	Heating circuit 3	Operating mode	write	1-Byte	0	7	0xB002
Operation HC3	Heating circuit 3	Set room temperature, standard	write	2-Byte	10	30	0x4000
Operation HC3	Heating circuit 3	Set room temperature, reduced mode	write	2-Byte	10	30	0x4001
Operation HC3	Heating circuit 3	Heating curve slope	write	2-Byte	0	3,5	0x4007
Operation HC3	Heating circuit 3	Heating curve level	write	2-Byte	-15	40	0x4006
Operation HC3	Heating circuit 3	Economy mode	write	1-Byte	0	1	0xB002
Operation HC3	Heating circuit 3	Party mode	write	1-Byte	0	1	0xB002
Operation HC3	Heating circuit 3	Party set temperature	write	2-Byte	10	30	0x4022
Operation HC3	Heating circuit 3	Cooling curve level	write	2-Byte	-15	40	0x7110
Operation HC3	Heating circuit 3	Cooling curve slope	write	2-Byte	0	3,5	0x7111
DHW operation	DHW operating data	Set DHW temperature	write	2-Byte	10	60 (95)	0x6000
DHW operation	DHW operating data	1x DHW heating (domestic hot water heating)	write	1-Byte	0	1	0xB020
DHW operation	DHW operating data	Second set value	write	2-Byte	10	60 (95)	0x600C

Service	Group	Data point	read/write	Data p.length ¹	min. value ²	max. value ²	VS-Adress ¹
Information	General	Outside temperature	read	2-Byte	-40	70	0x01C1
Information	General	Buffer cylinder temperature	read	2-Byte	0	95	0x01CB
Information	General	System flow temperature	read	2-Byte	0	95	0x01CA
Information	Heating circuit HC1	Valid set room temperature HC1	read	2-Byte	0	30	0x1180
Information	Heating circuit HC1	Set room temperature HC1 from rem ctrl	read	2-Byte	10	30	0x01DB
Information	Heating circuit HC1	Room temperature HC1	read	2-Byte	0	40	0x01D6
Information	Heating circuit HC1	Heating circuit pump	read	1-Bit	0	1	0x040D
Information	Heating circuit HC1	Flow temperature secondary 1	read	2-Byte	0	95	0x01C5
Information	Heating circuit HC1	Cooling for HC1	read	1-Byte	0	1	0x096C
Information	Heating circuit HC1	Flow temperature, cooling circuit 1	read	2-Byte	0	95	0x01D9
Information	Heating circuit HC2	Valid set room temperature HC2	read	2-Byte	0	30	0x1181
Information	Heating circuit HC2	Set room temperature HC2 from rem ctrl	read	2-Byte	10	30	0x01DC
Information	Heating circuit HC2	Room temperature HC2	read	2-Byte	0	40	0x01D7
Information	Heating circuit HC2	Heating circuit pump	read	1-Bit	0	1	0x040E
Information	Heating circuit HC2	Flow temperature secondary 2	read	2-Byte	0	95	0x01D4
Information	Heating circuit HC2	Cooling for HC2	read	1-Byte	0	1	0x096D
Information	Heating circuit HC2	Flow temperature, cooling circuit 2	read	2-Byte	0	95	0x01D9
Information	Heating circuit HC3	Valid set room temperature HC3	read	2-Byte	0	30	0x1182
Information	Heating circuit HC3	Set room temperature HC3 from rem ctrl	read	2-Byte	10	30	0x01DD
Information	Heating circuit HC3	Room temperature HC3	read	2-Byte	0	40	0x01D8
Information	Heating circuit HC3	Heating circuit pump	read	1-Bit	0	1	0x040F
Information	Heating circuit HC3	Flow temperature secondary 3	read	2-Byte	0	95	0x01D5
Information	Heating circuit HC3	Cooling for HC3	read	1-Byte	0	1	0x096E
Information	Heating circuit HC3	Flow temperature, cooling circuit 3	read	2-Byte	0	95	0x01D9
Information	Solar	Solar collector temperature	read	2-Byte	-20	190	0x01D1
Information	Solar	Solar cylinder temperature	read	2-Byte	0	95	0x01D3
Information	Solar	Solar return temperature	read	2-Byte	0	95	0x01D2
Information	Solar	Solar circuit pump	read	1-Bit	0	1	0x0413
Information	Solar	Solar circuit pump Vitosolic	read	1-Bit	0	1	0x0420

Service	Group	Data point	read/write	Data p.length ¹	min. value ²	max. value ²	VS-Adress ¹
Information	DHW	DHW temperature above	read	2-Byte	0	95	0x01CD
Information	DHW	DHW temperature below	read	2-Byte	0	95	0x01CE
Information	DHW	Cylinder primary pump	read	1-Bit	0	1	0x0416
Information	DHW	DHW circulation pump	read	1-Bit	0	1	0x0410
Diagnosis	General	Ext. heat source mixer status	read	1-Byte	0 (OK)	1 (NV)	0x0603
Diagnosis	General	Relay control ext. heat source	read	1-Byte	0	1	0x040B
Diagnosis	Heating circuit HC1	Set flow temperature HC1	read	2-Byte	0	95	0x1800
Diagnosis	Heating circuit HC2	Set flow temperature HC2	read	2-Byte	0	95	0x1801
Diagnosis	Heating circuit HC3	Set flow temperature HC3	read	2-Byte	0	95	0x1802
Diagnosis	Cooling circuit	Set room temperature, cooling circuit	read	2-Byte	0	30	0x1183
Diagnosis	Heat pump	3-way valve heating stage DHW1	read	1-Byte	0	1	0x0414
Diagnosis	Heat pump	3-way valve heating stage DHW2	read	1-Byte	0	1	0x0415
Diagnosis	DHW	Set temperature 2 DHW	read	2-Byte	0	60 (95)	0x1185
Diagnosis	Solar	Solar yield controller methods	read	4-Byte	0	1150000	0x190A
Diagnosis	System overview	Flow temperature, primary source	read	2-Byte	-20	95	0x01C3
Diagnosis	System overview	Return temperature, primary source	read	2-Byte	-20	95	0x01C4
Diagnosis	System overview	Flow temperature, secondary 1	read	2-Byte	0	95	0x01C5
Diagnosis	System overview	Return temperature, secondary 1	read	2-Byte	0	95	0x01C6
Diagnosis	System overview	Secondary pump 1	read	1-Byte	0	1	0x0404
Diagnosis	System overview	Compressor 1 (contactor)	read	1-Byte	0	1	0x0400
Diagnosis	System overview	Primary source 1 (valve or primary pump)	read	1-Byte	0	1	0x0402
Diagnosis	System overview	Return temperature, secondary 2	read	2-Byte	0	95	0x01C7
Diagnosis	System overview	Compressor 2 (contactor)	read	1-Byte	0	1	0x0401
Diagnosis	System overview	Primary source 2 (primary pump)	read	1-Byte	0	1	0x0403
Diagnosis	System overview	Set output compressor 1	read	1-Byte	0	100	0x5030
Diagnosis	System overview	Set output compressor 2	read	1-Byte	0	100	0x5130

Service	Group	Data point	read/write	Data p.length ¹	min. value ²	max. value ²	VS-Adress ¹
Statistics	Hours run system	Hours run pump HC1	read	4-Byte	0	1150000	0x058D
Statistics	Hours run system	Hours run pump HC2	read	4-Byte	0	1150000	0x058E
Statistics	Hours run system	Hours run pump HC3	read	4-Byte	0	1150000	0x058F
Statistics	Hours run system	Hours run cylinder primary pump	read	4-Byte	0	1150000	0x0596
Statistics	Hours run system	Hours run active cooling	read	4-Byte	0	1150000	0x058C
Statistics	Hours run system	Hours run cylinder reheating	read	4-Byte	0	1150000	0x058A
Statistics	Energy statement	Seasonal performance factor	read	2-Byte	0	10	0x1680
Statistics	Energy statement	Seasonal performance factor heating	read	2-Byte	0	10	0x1681
Statistics	Energy statement	Seasonal performance factor DHW	read	2-Byte	0	10	0x1682
Statistics	Energy statement	COP heating mode	read	2-Byte	0	10	0x1690
Statistics	Energy statement	COP DHW mode	read	2-Byte	0	10	0x1691
Statistics	Energy statement	Average sec. flow temperature	read	2-Byte	0	95	0x16B2
Statistics	Energy statement	Average sec. temperature RL1	read	2-Byte	0	95	0x16B3
Statistics	Energy statement	Average sec. temperature RL2	read	2-Byte	0	95	0x16B4

Change operating mode

Operation HCx - Operating data HCx - Operating data (Data point length 1 Byte)

	hex - dez
Standby mode	0x00 - 0
DHW only	0x01 - 1
Central heating and DHW	0x02 - 2
Permanently red. Operation	0x04 - 4
Permanently normal Operation	0x05 - 5
Normal standby mode	0x06 - 6
Only cooling	0x07 - 7

Party mode

Operation HCx - Operating data HCx - Party mode (Data point length 1 Byte)

	hex - dez
Party mode off	0x00 - 0
Party mode on	0x01 - 1

Economy mode

Operation HCx - Operating data HCx - Economy mode (Data point length 1 Byte)

	hex - dez
Economy mode off	0x00 - 0
Economy mode on	0x01 - 1

Service	Group	Data point	read/write	Data p.length ¹	min. value ²	max. value ²	VS-Adress ¹
Operation HC1	Heating circuit 1	Operating mode	write	1-Byte	0	6	0x2004
Operation HC1	Heating circuit 1	Standard room temperature	write	2-Byte	10	30	0x2000
Operation HC1	Heating circuit 1	Reduced room temperature	write	2-Byte	10	30	0x2001
Operation HC1	Heating circuit 1	Heating curve slope	write	2-Byte	0	3,5	0x2007
Operation HC1	Heating circuit 1	Heating curve level	write	2-Byte	-15	40	0x2006
Operation HC2	Heating circuit 2	Operating mode	write	1-Byte	0	6	0x3004
Operation HC2	Heating circuit 2	Standard room temperature	write	2-Byte	10	30	0x3000
Operation HC2	Heating circuit 2	Reduced room temperature	write	2-Byte	10	30	0x3001
Operation HC2	Heating circuit 2	Heating curve slope	write	2-Byte	0	3,5	0x3007
Operation HC2	Heating circuit 2	Heating curve level	write	2-Byte	-15	40	0x3006
Operation HC3	Heating circuit 3	Operating mode	write	1-Byte	0	6	0x4004
Operation HC3	Heating circuit 3	Standard room temperature	write	2-Byte	10	30	0x4000
Operation HC3	Heating circuit 3	Reduced room temperature	write	2-Byte	10	30	0x4001
Operation HC3	Heating circuit 3	Heating curve slope	write	2-Byte	0	3,5	0x4007
Operation HC3	Heating circuit 3	Heating curve level	write	2-Byte	-15	40	0x4006
Cooling operation	Cooling	Set room temperature, sep. cooling circuit	write	2-Byte	10	30	0x7102
Cooling operation	Cooling	Cooling curve level	write	2-Byte	-150	400	0x7105
Cooling operation	Cooling	Cooling curve slope	write	2-Byte	0	35	0x7106
Operation DHW	DHW	DHW temperature	write	2-Byte	10	70	0x6000
Information	General	Outside temperature	read	2-Byte	-40	70	0x0101
Information	General	Flow temperature, primary source	read	2-Byte	-20	95	0x0103
Information	General	Return temperature, primary source	read	2-Byte	-20	95	0x0104
Information	General	Sec. flow temperature 1	read	2-Byte	0	95	0x0105
Information	General	Sec. return temperature 1	read	2-Byte	0	95	0x0106
Information	General	Sec. return temperature 2	read	2-Byte	0	95	0x0107
Information	General	Buffer cylinder temperature	read	2-Byte	0	95	0x010B
Information	General	System flow temperature	read	2-Byte	0	95	0x010A
Information	General	Evaporator temperature	read	2-Byte	0	95	0x0102
Information	General	External heat source	read	2-Byte	0	95	0x010C

Service	Group	Data point	read/write	Data p.length ¹	min. value ²	max. value ²	VS-Adress ¹
Information	Heating circuit 1	Current operating mode	read	1-Byte	0	3	0x1250
Information	Heating circuit 1	Heating circuit pump	read	1-Bit	0	1	0x040D
Information	Heating circuit 2	Current operating mode	read	1-Byte	0	3	0x1251
Information	Heating circuit 2	Flow temperature	read	2-Byte	0	95	0x0114
Information	Heating circuit 2	Heating circuit pump	read	1-Bit	0	1	0x040E
Information	Heating circuit 3	Current operating mode	read	1-Byte	0	3	0x1252
Information	Heating circuit 3	Flow temperature	read	2-Byte	0	95	0x0115
Information	Heating circuit 3	Heating circuit pump	read	1-Bit	0	1	0x040D
Information	DHW	DHW temperature above	read	2-Byte	0	95	0x010D
Information	DHW	Cylinder primary pump	read	1-Bit	0	1	0x0416
Information	Solar control unit	Solar collector temperature	read	2-Byte	-20	190	0x0111
Information	Solar control unit	Solar cylinder temperature	read	2-Byte	0	95	0x0113
Information	Solar control unit	Solar circuit pump	read	1-Bit	0	1	0x0413
Information	Solar control unit	Solar circuit pump Vitosolic	read	1-Bit	0	1	0x0420
Information	Cooling	Room temperature natural cooling	read	2-Byte	-40	70	0x011B
Information	Cooling	Flow temperature natural cooling HC	read	2-Byte	0	95	0x011A
Diagnosis	Outputs	Relay state 3-way valve heating state DHW1	read	1-Bit	0	1	0x0414
Diagnosis	Outputs	Relay state 3-way valve heating state DHW2	read	1-Bit	0	1	0x0415
Diagnosis	Outputs	Relay state EEV 1 compressor	read	1-Bit	0	1	0x0428
Diagnosis	Outputs	Relay state EEV 2 compressor	read	1-Bit	0	1	0x0429
Diagnosis	Outputs	Relay state elec. heating stage1	read	1-Bit	0	1	0x0408
Diagnosis	Outputs	Relay state elec. heating stage2	read	1-Bit	0	1	0x0409
Diagnosis	Outputs	Relay state ext. control HS	read	1-Bit	0	1	0x040B
Solar	Solar yield contr. metho.	Solar yield controller methods	read	4-Byte	0	1150000	0x190A
Statistics	Runtimes	RelayRuntimes EEV 1 compressor	read	4-Byte	0	1150000	0x05A8
Statistics	Runtimes	RelayRuntimes EEV 2 compressor	read	4-Byte	0	1150000	0x05A9
Statistics	Runtimes	RelayRuntimes elec. heating stage1	read	4-Byte	0	1150000	0x0588
Statistics	Runtimes	RelayRuntimes elec. heating stage2	read	4-Byte	0	1150000	0x0589

Service	Group	Data point	read/write	Data p.length ¹	min. value ²	max. value ²	VS-Adress ¹
Statistics	Cycles	RelayZyklen EEV 1 compressor	read	4-Byte	0	1150000	0x0528
Statistics	Cycles	RelayZyklen EEV 2 compressor	read	4-Byte	0	1150000	0x0529

Change operating mode

Operation HCx - Operating data HCx - Operating data (Data point length 1 Byte)

	hex - dez
Stand-by	0x00 - 0
Permanently red. Operation	0x01 - 1
Permanently normal Operation	0x02 - 2
Fixed value	0x03 - 3
Switching times	0x04 - 4
Operating mode selector switch	0x05 - 5
Standard	0x06 - 6

Current operating mode

Information - Heating circuit x - Current Operating mode (Data point length 1 Byte)

	hex - dez
Stand-by	0x00 - 0
Permanently red. Operation	0x01 - 1
Permanently normal Operation	0x02 - 2
Fixed value	0x03 - 3