Application Programming Interface (API)

Direct loads control

load_set[i]	bit	R/W	Managed load state; 0=off, 1=on; i = 10..17
analog_out[i]	int	R/W	Analog output value in % i = 10..13

Timetable

timetable_cloud_once[i]	bit	RO	Enabled cloud optimization for “once” actions; 0=disabled, 1=enabled; i=0..7
timetable_cloud_recurring[i]	bit	RO	Enabled cloud optimization for “recurring” actions; 0=disabled, 1=enabled; i=0..7
timetable_analog_optimization[i]	bit	RO	Enabled cloud optimization for analog timetable; 0=disabled, 1=enabled; i=0..3

optimization_index[i]	int	RW	Timetable optimization index (0=broadcast = all timetables); i=0..50
optimization_start[i]	int	RW	Timetable optimization start time; hhmmw; hh=hour, mm=minute, w=weekday(1=monday); i=0..50
optimization_time[i]	int	RW	Timetable optimization period in min; i=0..50
optimization_command[i]	int	RW	Timetable optimization command, auto set to 0 after being processed - see following table; i=0..50
optimization_value[i]	int	RW	Timetable optimization value , depends of optimization_command - see following table; i=0..50

Variable optimization_command triggers timetable manipulation process so make sure to set all other variables before.

optimization_command		optimization_value	
1	**managed load once actions**	0	Set **OFF**
		1	Set **ON**
		-1	**Delete**
2	**managed load recurring actions**	0	Set **OFF**
		1	Set **ON**
		-1	**Delete**
3	**tariff timetable**	0	Set **LO**
		1	Set **HI**
		2	Set **DYNAMIC**
		-1	**Delete** Dynamic
4	**set mask**	0..0xFF	Set once **on/off** as per bit value
5	**analog timetable**	0..100	Set **0..100%**
		-1	**Delete** Analog
6	**battery setpoint**	-100..0	Set discharge **0..100%**
		0..100	Set charge **0..100%**
		-31768	Set **auto**