VMB4DC

**0/1 to 10V dimmer controller module
for VELBUS system**

Binairy format:

<SOF-SID10...SID0-RTR-IDE-r0-DLC3...0-DATABYTE1...DATABYTEn-CRC15...CRC1-CRCDEL-ACK-ACKDEL-EOF7...EOF1-IFS3...IFS1>

bits	Description
SOF	Start Of Frame (always 0)
SID10 & SID9	Priority (00: highest … 11: lowest priority)
SID8…SID1	Address
SID0	Always 0
RTR	Remote Transmit Request
IDE	Identifier Extension (always 0)
r0	reserved (always 0)
DLC3…DLC0	Data Length Code (0…8)
Databyte1	Command
Databyte2	Parameter
Databyte3	Parameter
Databyte4	Parameter
Databyte5	Parameter
Databyte6	Parameter
Databyte7	Parameter
Databyte8	Parameter
CRC15…CRC1	Cyclic Redundancy Checksum
CRCDEL	CRC Delimiter (always 1)
ACK	Acknowledge slot (transmit 1 readback 0 if received correctly)
ACKDEL	Acknowledge Delimiter (always 1)
EOF7...EOF1	End Of Frame (always 1111111)
IFS3...IFS1	InterFrame Space (always 111)

The dimmer module can transmit the following commands:
- Clears LEDs on a push button module
- Sets LEDs on a push button module
- Blinks LEDs slowly on a push button module
- Blinks LEDs fast on a push button module

The dimmer module can transmit the following messages:
- Dimmer channel status
- Module type
- Dimmer channel switch status
- Dimmer channel slider status
- Bus error counter status
- First, second and third part of the dimmer channel name
- Memory data
- Memory data block (4 bytes)

The dimmer module can receive the following messages:
- Push button status
- Slider status

The dimmer module can receive the following commands:
- Set dimmer channel value
- Set dimmer channel at last used dim value
- Start dimmer channel timer
- Stop channel dimming
- Forced off dimmer (Build 1105 or higher)
- Cancel forced off dimmer (Build 1105 or higher)
- Forced on dimmer (Build 1105 or higher)
- Cancel forced on dimmer (Build 1105 or higher)
- Inhibit dimmer (Build 1105 or higher)
- Cancel inhibit dimmer (Build 1105 or higher)
- Dimmer channel status request

- Clear Push button Led
- Module type request
- Bus error counter status request
- Dimmer channel name request
- Read memory data
- Read memory data block (4 bytes)
- Memory dump request
- Write memory data
- Write memory data block (4 bytes)

Transmits the dimmer channel switch status:

SID10-SID9 = 00 (highest priority)
SID8...SID1 = Address of the module
RTR = 0
DLC3...DLC0 = 4 data bytes to send
DATABYTE1 = COMMAND_PUSH_BUTTON_STATUS (0x00)
DATABYTE2 = Dimmer channel just switched on (1 = just pressed / switched on)
DATABYTE3 = Dimmer channel just switched off (1 = just released / switched off)
DATABYTE4 = 0

	Databyte2	*Databyte3*	*Databyte4*
Dimmer ch1 just switched on	B'0000xxx1'	B'0000xxx0'	B'00000000'
Dimmer ch1 just switched off	B'0000xxx0'	B'0000xxx1'	B'00000000'
Dimmer ch2 just switched on	B'0000xx1x'	B'0000xx0x'	B'00000000'
Dimmer ch2 just switched off	B'0000xx0x'	B'0000xx1x'	B'00000000'
Dimmer ch3 just switched on	B'0000x1xx'	B'0000x0xx'	B'00000000'
Dimmer ch3 just switched off	B'0000x0xx'	B'0000x1xx'	B'00000000'
Dimmer ch4 just switched on	B'00001xxx'	B'00000xxx'	B'00000000'
Dimmer ch4 just switched off	B'00000xxx'	B'00001xxx'	B'00000000'

Transmits dimmer channel slider status:

SID10-SID9 = 00 (highest priority)
SID8...SID1 = Address of the module
RTR = 0
DLC3...DLC0 = 4 data bytes to send
DATABYTE1 = COMMAND_SLIDER_STATUS (0x0F)
DATABYTE2 = Dimmer slider channel

Contents	*Dimmer channel*
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

DATABYTE3 = Dimmer value 0...100% (slider status)
DATABYTE4 = H'00'

Transmit: Clears LEDs on a push button module:

SID10-SID9 = 11 (lowest priority)
SID8...SID1 = Address of the push button module for clearing LEDs
RTR = 0
DLC3...DLC0 = 2 data bytes to send
DATABYTE1 = COMMAND_CLEAR_LED (0xF5)
DATABYTE2 = LED bit numbers (1 = clear LED)

Transmit: Sets LEDs on a push button module:

SID10-SID9 = 11 (lowest priority)
SID8...SID1 = Address of the push button module for setting LEDs on
RTR = 0
DLC3...DLC0 = 2 data bytes to send
DATABYTE1 = COMMAND_SET_LED (0xF6)
DATABYTE2 = LED bit numbers (1 = set LED)

Transmit: Blinks LEDs slowly on a push button module:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address of the push button module for slowly blinking LEDs
   RTR = 0
   DLC3...DLC0 = 2 data bytes to send
   DATABYTE1 = COMMAND_SLOW_BLINKING_LED (0xF7)
   DATABYTE2 = LED bit numbers (1 = slow blink LED)

Transmit: Blinks LEDs fast on a push button module:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address of the push button module for fast blinking LEDs
   RTR = 0
   DLC3...DLC0 = 2 data bytes to send
   DATABYTE1 = COMMAND_FAST_BLINKING_LED (0xF8)
   DATABYTE2 = LED bit numbers (1 = fast blink LED)

Transmits the dimmer channel status:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address of the module
   RTR = 0
   DLC3...DLC0 = 8 data bytes to send
   DATABYTE1 = COMMAND_DIMMERCONTROLLER_STATUS (0xB8)
   DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

   DATABYTE3 = Disable/inhibit/Forced on setting

Contents	Setting
B'xxxxxx00'	Channel normal
B'xxxxxx01'	Channel inhibited
B'xxxxxx10'	Channel forced on
B'xxxxxx11'	Channel disabled

   DATABYTE4 = Dim value (0 to 100%)
   DATABYTE5 = Led status

Contents	Mode
B'00000000'	LED off
B'10000000'	LED on
B'01000000'	LED slow blinking
B'00100000'	LED fast blinking
B'00010000'	LED very fast blinking

   DATABYTE6 = high byte of current delay time
   DATABYTE7 = mid byte of current delay time
   DATABYTE8 = low byte of current delay time

   Remark: [DATABYTE5][DATABYTE6][DATABYTE7] contain a 24-bit time in seconds

Transmits the module type:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address of the module
   RTR = 0
   DLC3...DLC0 = 7 data bytes to send
   DATABYTE1 = COMMAND_MODULE_TYPE (0xFF)
   DATABYTE2 = VMB4DC type (0x12)
   DATABYTE3 = High byte of serial number
   DATABYTE4 = Low byte of serial number
   DATABYTE5 = Memory map version
   DATABYTE6 = Build year
   DATABYTE7 = Build week

Transmit: Bus error counter status
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 4 data bytes to send
    DATABYTE1 = COMMAND_BUSERROR_COUNTER_STATUS (0xDA)
    DATABYTE2 = Transmit error counter
    DATABYTE3 = Receive error counter
    DATABYTE4 = Bus off counter

Transmits the first part of the dimmer channel name:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 8 data bytes to send
    DATABYTE1 = COMMAND_DIMMER_NAME_PART1 (0xF0)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

    DATABYTE3 = Character 1 of the dimmer name
    DATABYTE4 = Character 2 of the dimmer name
    DATABYTE5 = Character 3 of the dimmer name
    DATABYTE6 = Character 4 of the dimmer name
    DATABYTE7 = Character 5 of the dimmer name
    DATABYTE8 = Character 6 of the dimmer name

Transmits the second part of the dimmer channel name:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 8 data bytes to send
    DATABYTE1 = COMMAND_DIMMER_NAME_PART2 (0xF1)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

    DATABYTE3 = Character 7 of the dimmer name
    DATABYTE4 = Character 8 of the dimmer name
    DATABYTE5 = Character 9 of the dimmer name
    DATABYTE6 = Character 10 of the dimmer name
    DATABYTE7 = Character 11 of the dimmer name
    DATABYTE8 = Character 12 of the dimmer name

Transmits the third part of the dimmer channel name:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 6 data bytes to send
    DATABYTE1 = COMMAND_DIMMER_NAME_PART3 (0xF2)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

    DATABYTE3 = Character 13 of the dimmer name
    DATABYTE4 = Character 14 of the dimmer name
    DATABYTE5 = Character 15 of the dimmer name
    DATABYTE6 = Character 16 of the dimmer name

Remarks:
Unused characters contain 0xFF.

Transmits the memory data:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 4 data bytes to send
    DATABYTE1 = COMMAND_MEMORY_DATA (0xFE)
    DATABYTE2 = High memory address

High address	Memory bank
H'00'	For channel 1 data
H'01'	For channel 2 data
H'02'	For channel 3 data
H'03'	For channel 4 data

    DATABYTE3 = LOW memory address (0x00...0xFF)
    DATABYTE4 = memory data

Transmits memory data block (4 bytes):
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 4 data bytes to send
    DATABYTE1 = COMMAND_MEMORY_DATA_BLOCK (0xCC)
    DATABYTE2 = High start address of memory block
    DATABYTE3 = LOW start address of memory block
    DATABYTE4 = memory data1
    DATABYTE5 = memory data2
    DATABYTE6 = memory data3
    DATABYTE7 = memory data4

    Remark: address range: 0x0000 to 0x03FC

'Push button status' received:

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Address of the push button module
    RTR = 0
    DLC3...DLC0 = 4 data bytes received
    DATABYTE1 = COMMAND_PUSH_BUTTON_STATUS (0x00)
    DATABYTE2 = Push buttons just pressed (1 = just pressed)
    DATABYTE3 = Push buttons just released (1 = just released)
    DATABYTE4 = Push buttons long pressed (1 = longer than 0.85s pressed)

'Slider status' received:

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Address of the slider module
    RTR = 0
    DLC3...DLC0 = 4 data bytes received
    DATABYTE1 = COMMAND_SLIDER_STATUS (0x0F)
    DATABYTE2 = Slider channel
    DATABYTE3 = Slider status (0...100%)
    DATABYTE4 = don't care

'Clear LED' command received:

    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the push button module
    RTR = 0
    DLC3...DLC0 = 2 data bytes received
    DATABYTE1 = COMMAND_CLEAR_LED (0xF5)
    DATABYTE2 = LEDs to clear (a one clears the corresponding LED)

'Set dim channel value' command received:

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 5 data bytes received
    DATABYTE1 = COMMAND_SET_DIMVALUE (0x07)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

    DATABYTE3 = Dim value (0 to 100%)
    DATABYTE4 = high byte of dim speed
    DATABYTE5 = low byte of dim speed

    Remark: [DATABYTE4][DATABYTE5] contains a 16-bit time in seconds needed for dimming to the desired value.

'Set dim channel value at last used dim value' command received:

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 5 data bytes received
    DATABYTE1 = COMMAND_RESTORE_LAST_DIMVALUE (0x11)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

    DATABYTE3 = Don't care
    DATABYTE4 = high byte of dim speed
    DATABYTE5 = low byte of dim speed

    Remark: [DATABYTE4][DATABYTE5] contains a 16-bit time in seconds needed for dimming to the desired value..

'Stop channel dimming' command received (build 1005 or higher):

 SID10-SID9 = 00 (highest priority)
 SID8...SID1 = Address of the module
 RTR = 0
 DLC3...DLC0 = 2 data bytes received
 DATABYTE1 = COMMAND_STOP_DIMMING (0x10)
 DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

'Start dimmer channel timer' command received:

 SID10-SID9 = 00 (highest priority)
 SID8...SID1 = Address of the module
 RTR = 0
 DLC3...DLC0 = 5 data bytes received
 DATABYTE1 = COMMAND_START_DIMMER_TIMER (0x08)
 DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

 DATABYTE3 = high byte of time-out time
 DATABYTE4 = mid byte of time-out time
 DATABYTE5 = low byte of time-out time

 Remark: [DATABYTE3][DATABYTE4][DATABYTE5] contains a 24-bit time-out time in seconds.
 If the time-out parameter contains zero then no timer starts.
 If the time-out parameter contains 0xFFFFFF then the light switches permanently on (no time-out).

'Forced off' command received (Build 1105 or higher):

 SID10-SID9 = 00 (highest priority)
 SID8...SID1 = Module address
 RTR = 0
 DLC3...DLC0 = 5 data bytes received
 DATABYTE1 = COMMAND_FORCED_OFF (0x12)
 DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

 DATABYTE3 = high byte of delay time
 DATABYTE4 = mid byte of delay time
 DATABYTE5 = low byte of delay time

 Remark:
 [DATABYTE3][DATABYTE4][DATABYTE5] contain a 24-bit time in seconds
 The command will be skipped when the time parameter contains zero.
 When the time parameter contains 0xFFFFFF then the dimmer is permanently forced off.

'Cancel forced off' command received (Build 1105 or higher):

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Module address
    RTR = 0
    DLC3...DLC0 = 2 data bytes received
    DATABYTE1 = COMMAND_CANCEL_FORCED_OFF (0x13)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

'Forced on' command received (Build 1105 or higher):

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Module address
    RTR = 0
    DLC3...DLC0 = 5 data bytes received
    DATABYTE1 = COMMAND_FORCED_ON (0x14)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

    DATABYTE3 = high byte of delay time
    DATABYTE4 = mid byte of delay time
    DATABYTE5 = low byte of delay time

    Remark:
    [DATABYTE3][DATABYTE4][DATABYTE5] contain a 24-bit time in seconds
    The command will be skipped when the time parameter contains zero or the channels are already forced off.
    When the time parameter contains 0xFFFFFF then the dimmer is permanently forced on.

'Cancel forced on' command received (Build 1105 or higher):

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Module address
    RTR = 0
    DLC3...DLC0 = 2 data bytes received
    DATABYTE1 = COMMAND_CANCEL_FORCED_ON (0x15)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

'Inhibit' command received (Build 1105 or higher):

    SID10-SID9 = 00 (highest priority)
    SID8...SID1 = Module address
    RTR = 0
    DLC3...DLC0 = 5 data bytes received
    DATABYTE1 = COMMAND_INHIBIT (0x16)
    DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

    DATABYTE3 = high byte of delay time
    DATABYTE4 = mid byte of delay time
    DATABYTE5 = low byte of delay time

Remark:

[DATABYTE3][DATABYTE4][DATABYTE5] contain a 24-bit time in seconds

The command will be skipped when the time parameter contains zero or the channels are already forced off/on.

When the time parameter contains 0xFFFFFF then the dimmer is permanently inhibited.

'Cancel inhibit' command received (Build 1105 or higher):

SID10-SID9 = 00 (highest priority)

SID8...SID1 = Module address

RTR = 0

DLC3...DLC0 = 2 data bytes received

DATABYTE1 = COMMAND_CANCEL_INHIBIT (017)

DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

'Dimmer channel status request' command received:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address of the module

RTR = 0

DLC3...DLC0 = 2 data bytes received

DATABYTE1 = COMMAND_DIMMER_STATUS_REQUEST (0xFA)

DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

'Module type request' command received:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address of the module

RTR = 1

DLC3...DLC0 = 0 data bytes received

'Bus error counter status request' command received:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address of the module

RTR = 0

DLC3...DLC0 = 1 data byte to send

DATABYTE1 = COMMAND_BUS_ERROR_CONTER_STATUS_REQUEST (0xD9)

'Dimmer channel name request' command received:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address of the module

RTR = 0

DLC3...DLC0 = 2 data bytes received

DATABYTE1 = COMMAND_DIMMER_NAME_REQUEST (0xEF)

DATABYTE2 = Dimmer channel

Contents	Dimmer channel
B'00000001'	Channel 1
B'00000010'	Channel 2
B'00000100'	Channel 3
B'00001000'	Channel 4

'Read data from memory' command received:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 3 data bytes received
    DATABYTE1 = COMMAND_READ_DATA_FROM_MEMORY (0xFD)
    DATABYTE2 = High memory address

High address	Memory bank
0x00	For channel 1 data
0x01	For channel 2 data
0x02	For channel 3 data
0x03	For channel 4 data

    DATABYTE3 = LOW memory address (0x00...0FF)

'Memory dump request' command received:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 1 data byte received
    DATABYTE1 = COMMAND_MEMORY_DUMP_REQUEST (0xCB)

'Read data block from memory' command received:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 3 data bytes received
    DATABYTE1 = COMMAND_READ_MEMORY_BLOCK (0xC9)
    DATABYTE2 = High memory address
    DATABYTE3 = LOW memory address

    Remark: address range: 0x0000 to 0x03FC

'Write data to memory' command received:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 4 data bytes received
    DATABYTE1 = COMMAND_WRITE_DATA_TO_MEMORY (0xFC)
    DATABYTE2 = High memory address

High address	Memory bank
0x00	For channel 1 data
0x01	For channel 2 data
0x02	For channel 3 data
0x03	For channel 4 data

    DATABYTE3 = LOW memory address (0x00...0xFF)
    DATABYTE4 = memory data to write

    Remark: Wait at least 10ms for sending a next command on the velbus.

'Write memory block' command received:
    SID10-SID9 = 11 (lowest priority)
    SID8...SID1 = Address of the module
    RTR = 0
    DLC3...DLC0 = 7 data bytes received
    DATABYTE1 = COMMAND_WRITE_MEMORY_BLOCK (0xCA)
    DATABYTE2 = High memory address
    DATABYTE3 = LOW memory address
    DATABYTE4 = memory databyte1 to write
    DATABYTE5 = memory databyte2 to write
    DATABYTE6 = memory databyte3 to write
    DATABYTE7 = memory databyte4 to write

    Remark:
    Wait for 'memory data block' feedback before sending a next command on the velbus.
    Address range: 0x0000 to 0x03FC

Memory map:

Address	Contents	Address	Contents
0x0000	Push button 1 module address	0x0001	Push button 1 bit number
0x0002	Push button 1 action for channel 1	0x0003	Push button 1 first time parameter
0x0004	Push button 1 second time parameter	0x0005	Push button 1 third time parameter
0x0006	Push button 2 module address	0x0007	Push button 2 bit number
0x0008	Push button 2 action for channel 1	0x0009	Push button 2 first time parameter
0x000A	Push button 2 second time parameter	0x000B	Push button 2 third time parameter
...	...	...	...
0x00D8	Push button 37 module address	0x00D9	Push button 37 bit number
0x00DA	Push button 37 action for channel 1	0x00DB	Push button 37 first time parameter
0x00DC	Push button 37 second time parameter	0x00DD	Push button 37 third time parameter
0x00DE	Preset 1 (25%) dim value for channel 1	0x00DF	Preset 2 (50%) dim value for channel 1
0x00E0	Preset 3 (75%) dim value for channel 1	0x00E1	Preset 4 (100%) dim value for channel 1
0x00E2	Preset 5 (75%) dim value for channel 1	0x00E3	Preset 6 (50%) dim value for channel 1
0x00E4	Preset 7 (25%) dim value for channel 1	0x00E5	Preset 8 (255) dim value for channel 1
0x00E6	Preset 9 (255) dim value for channel 1	0x00E7	Preset 10 (255) dim value for channel 1
0x00E8	Preset 11 (255) dim value for channel 1	0x00E9	Preset 12 (255) dim value for channel 1
0x00EA	Preset 13 (255) dim value for channel 1	0x00EB	Preset dim value terminator for channel 1
0x00EC	Linear or logarithmic curve for channel 1	0x00ED	0 to 10V or 1 to 10V setting for channel 1
0x00EE	Dim start delay for channel 1	0x00EF	Dim switch off delay for channel 1
0x00F0	Dimmer channel 1 name character 1	0x00F1	Dimmer channel 1 name character 2
...	...	...	...
0x00FE	Dimmer channel 1name character 15	0x00FF	Dimmer channel 1 name character 16

Address	Contents	Address	Contents
0x0100	Push button 1 module address	0x0101	Push button 1 bit number
0x0102	Push button 1 action for channel 2	0x0103	Push button 1 first time parameter
0x0104	Push button 1 second time parameter	0x0105	Push button 1 third time parameter
0x0106	Push button 2 module address	0x0107	Push button 2 bit number
0x0108	Push button 2 action for channel 2	0x0109	Push button 2 first time parameter
0x010A	Push button 2 second time parameter	0x010B	Push button 2 third time parameter
...	...	...	...
0x01D8	Push button 37 module address	0x01D9	Push button 37 bit number
0x01DA	Push button 37 action for channel 2	0x01DB	Push button 37 first time parameter
0x01DC	Push button 37 second time parameter	0x01DD	Push button 37 third time parameter
0x01DE	Preset 1 (25%)dim value for channel 2	0x01DF	Preset 2 (50%)dim value for channel 2
0x01E0	Preset 3 (75%)dim value for channel 2	0x01E1	Preset 4 (100%)dim value for channel 2
0x01E2	Preset 5 (75%) dim value for channel 2	0x01E3	Preset 6 (50%) dim value for channel 2
0x01E4	Preset 7 (25%) dim value for channel 2	0x01E5	Preset 8 (255) dim value for channel 2
0x01E6	Preset 9 (255) dim value for channel 2	0x01E7	Preset 10 (255) dim value for channel 2
0x01E8	Preset 11 (255) dim value for channel 2	0x01E9	Preset 12 (255) dim value for channel 2
0x01EA	Preset 13 (255) dim value for channel 2	0x01EB	Preset dim value terminator for channel 2
0x01EC	Linear or logarithmic curve for channel 2	0x01ED	0 to 10V or 1 to 10V setting for channel 2
0x01EE	Dim start delay for channel 2	0x01EF	Dim switch off delay for channel 2
0x01F0	Dimmer channel 2 name character 1	0x01F1	Dimmer channel 2 name character 2
...	...	...	...
0x01FE	Dimmer channel 2 name character 15	0x01FF	Dimmer channel 2 name character 16

Address	Contents	Address	Contents
0x0200	Push button 1 module address	0x0201	Push button 1 bit number
0x0202	Push button 1 action for channel 3	0x0203	Push button 1 first time parameter
0x0204	Push button 1 second time parameter	0x0205	Push button 1 third time parameter
0x0206	Push button 2 module address	0x0207	Push button 2 bit number
0x0208	Push button 2 action for channel 3	0x0209	Push button 2 first time parameter
0x020A	Push button 2 second time parameter	0x020B	Push button 2 third time parameter
...	...	...	...
0x02D8	Push button 37 module address	0x02D9	Push button 37 bit number
0x02DA	Push button 37 action for channel 3	0x02DB	Push button 37 first time parameter
0x02DC	Push button 37 second time parameter	0x02DD	Push button 37 third time parameter
0x02DE	Preset 1 (25%) dim value for channel 3	0x02DF	Preset 2 (50%) dim value for channel 3
0x02E0	Preset 3 (75%) dim value for channel 3	0x02E1	Preset 4 (100%) dim value for channel 3
0x02E2	Preset 5 (75%) dim value for channel 3	0x02E3	Preset 6 (50%) dim value for channel 3
0x02E4	Preset 7 (25%) dim value for channel 3	0x02E5	Preset 8 (255) dim value for channel 3
0x02E6	Preset 9 (255) dim value for channel 3	0x02E7	Preset 10 (255) dim value for channel 3
0x02E8	Preset 11 (255) dim value for channel 3	0x02E9	Preset 12 (255) dim value for channel 3
0x02EA	Preset 13 (255) dim value for channel 3	0x02EB	Preset dim value terminator for channel 3
0x02EC	Linear or logarithmic curve for channel 3	0x02ED	0 to 10V or 1 to 10V setting for channel 3
0x02EE	Dim start delay for channel 3	0x02EF	Dim switch off delay for channel 3
0x02F0	Dimmer channel 3 name character 1	0x02F1	Dimmer channel 3 name character 2
...	...	...	...
0x02FE	Dimmer channel 3name character 15	0x02FF	Dimmer channel 3 name character 16

Address	Contents	Address	Contents
0x0300	Push button 1 module address	0x0301	Push button 1 bit number
0x0302	Push button 1 action for channel 4	0x0303	Push button 1 first time parameter
0x0304	Push button 1 second time parameter	0x0305	Push button 1 third time parameter
0x0306	Push button 2 module address	0x0307	Push button 2 bit number
0x0308	Push button 2 action for channel 4	0x0309	Push button 2 first time parameter
0x030A	Push button 2 second time parameter	0x030B	Push button 2 third time parameter
...	...	...	...
0x03D8	Push button 37 module address	0x03D9	Push button 37 bit number
0x03DA	Push button 37 action for channel 4	0x03DB	Push button 37 first time parameter
0x03DC	Push button 37 second time parameter	0x03DD	Push button 37 third time parameter
0x03DE	Preset 1 (25%) dim value for channel 4	0x03DF	Preset 2 (50%) dim value for channel 4
0x03E0	Preset 3 (75%) dim value for channel 4	0x03E1	Preset 4 (100%) dim value for channel 4
0x03E2	Preset 5 (75%) dim value for channel 4	0x03E3	Preset 6 (50%) dim value for channel 4
0x03E4	Preset 7 (25%) dim value for channel 4	0x03E5	Preset 8 (255) dim value for channel 4
0x03E6	Preset 9 (255) dim value for channel 4	0x03E7	Preset 10 (255) dim value for channel 4
0x03E8	Preset 11 (255) dim value for channel 4	0x03E9	Preset 12 (255) dim value for channel 4
0x03EA	Preset 13 (255) dim value for channel 4	0x03EB	Preset dim value terminator for channel 4
0x03EC	Linear or logarithmic curve for channel 4	0x03ED	0 to 10V or 1 to 10V setting for channel 4
0x03EE	Dim start delay for channel 4	0x03EF	Dim switch off delay for channel 4
0x03F0	Dimmer channel 4 name character 1	0x03F1	Dimmer channel 4 name character 2
...	...	...	...
0x03FE	Dimmer channel 4 name character 15	0x03FF	Dimmer channel 4 name character 16

Remark: Unused locations contain 0xFF
Linear dim curve: 0xFF
Logarithmic dim curve: 0x00
0 to 10V dimmer: 0
1 to 10V dimmer: 1
Preset dim values: 0…100% or 255 for end of preset table
Preset dim value terminator: 0xFF
Dim start delay (default 0s) & Dim switch off delay (default 0s)

Contents	Delay
0	0s
1	0.013s
2	0.026s
...	...
255	3.315s

Mode number	Action			
0	Momentary	-	-	-
1	Off	-	-	-
2	'Off' with timers disabled	-	-	-
3	'Off' with timers disabled at short press	-	-	-
4	'Off' with timers disabled at long press	-	-	-
5	Slow off	Dim down time	-	-
6	On	-	-	-
7	'On' with timers disabled	-	-	-
8	'On' with timers disabled at short press	-	-	-
9	'On' with timers disabled at long press	-	-	-
10	Slow on	Dim up time	-	-
11	Toggle	-	-	-
12	'Toggle' with timers disabled	-	-	-
13	'Toggle' with timers disabled at short press	-	-	-
14	'Toggle' with timers disabled at long press	-	-	-
15	Slow on/off	Dim up time	Dim down time	-
16	Start/stop timer	Timeout	-	-
17	Start/stop timer with slow on/off	Timeout	Dim up time	Dim down time
18	Restartable timer	Timeout	-	-
19	Restartable timer with slow on/off	Timeout	Dim up time	Dim down time
20	Non restartable timer	Timeout	-	-
21	Non restartable timer with slow on/off	Timeout	Dim up time	Dim down time
22	Slow on at press, slow off at release + timeout	Timeout	Dim up time	Dim down time
23	Dim up	Timeout	-	-
24	Dim up at long press, on at short press	Timeout	-	-
25	Dim up at long press, memory at short press	Timeout	-	-
26	Dim down	Timeout	-	-
27	Dim down at long press, off at short press	Timeout	-	-
28	Dim	Timeout	-	-
29	Dim at long press, on or off at short press	Timeout	-	-
30	Dim at long press, memory or off at short press	Timeout	-	-
31	Atmospheric dimvalue	Timeout	Dim time	Dim value
32	Slider dimmer	-	-	-
33	Multi step dimmer	Timeout	Dim time	-
34	Disable at closed switch	-	-	-
35	Disable at opened switch	-	-	-
36	Disable at pressing push button	Timeout	-	-
37	Toggle disable at pressing push button	Timeout	-	-
38	Cancel disable at pressing push button	-	-	-
39	Forced 'On' at closed switch	-	-	-
40	Forced 'On' at opened switch	-	-	-
41	Forced 'On' at pressing push button	Timeout	-	-
42	Toggle forced 'On' at pressing push button	Timeout	-	-
43	Cancel Forced 'On' at pressing push button	-	-	-
44	Inhibit at closed switch	-	-	-
45	Inhibit at opened switch	-	-	-
46	Inhibit at pressing push button	Timeout	-	-
47	Toggle inhibit at pressing push button	Timeout	-	-
48	Cancel inhibit at pressing push button	-	-	-

Time parameter	Time or dim time
0	No timer or fastest dim time
1	1s
2	2s
...	
119	1min59s
120	2min
121	2min15s
...	
131	4min45s
132	5min
133	5min30s
...	
181	29min30s
182	30min
183	31min
...	
211	59min
212	1h
213	1h15min
...	
227	4h45min
228	5h
229	5h30min
...	
237	9h30min
238	10h
239	11h
...	
251	23h
252	1d
253	2d
254	3d
255	infinite

The dim time is limited to one day

Memory map version 2 (Build 1434 or higher):

Address	Contents	Address	Contents
0x0000	Push button 1 module address	0x0001	Push button 1 bit number
0x0002	Push button 1 action for channel 1	0x0003	Push button 1 first time parameter
0x0004	Push button 1 second time parameter	0x0005	Push button 1 third time parameter
0x0006	Push button 2 module address	0x0007	Push button 2 bit number
0x0008	Push button 2 action for channel 1	0x0009	Push button 2 first time parameter
0x000A	Push button 2 second time parameter	0x000B	Push button 2 third time parameter
...	...	...	...
0x00BA	Push button 32 module address	0x00BB	Push button 32 bit number
0x00BC	Push button 32 action for channel 1	0x00BD	Push button 32 first time parameter
0x00BE	Push button 32 second time parameter	0x00BF	Push button 32 third time parameter
0x00C0	Preset 1 (25%) dim value for channel 1	0x00C1	Preset 2 (50%) dim value for channel 1
0x00C2	Preset 3 (75%) dim value for channel 1	0x00C3	Preset 4 (100%) dim value for channel 1
0x00C4	Preset 5 (75%) dim value for channel 1	0x00C5	Preset 6 (50%) dim value for channel 1
0x00C6	Preset 7 (25%) dim value for channel 1	0x00C7	Preset 8 (255) dim value for channel 1
0x00C8	Preset 9 (255) dim value for channel 1	0x00C9	Preset 10 (255) dim value for channel 1
0x00CA	Preset 11 (255) dim value for channel 1	0x00CB	Preset 12 (255) dim value for channel 1
0x00CC	Preset 13 (255) dim value for channel 1	0x00CD	Preset dim value terminator for channel 1
0x00CE	Linear or logarithmic curve for channel 1	0x00CF	0 to 10V or 1 to 10V setting for channel 1
0x00D0	Dim start delay for channel 1	0x00D1	Dim switch off delay for channel 1
0x00D2	Transmit slider command for channel 1	0x00D3	Not used
0x00D4	Not used	0x00D5	Terminator
0x00D6	Channel 1 location id low byte	0x00D7	Channel 1 location id high byte
0x00D8	Channel 1 group id low byte	0x00D9	Channel 1 group id high byte
0x00DA	Channel 1 circuit id low byte	0x00DB	Channel 1 circuit id high byte
0x00DC	Channel 1 load id low byte	0x00DD	Channel 1 load id high byte
0x00DE	Module location id low byte	0x00DF	Module location id high byte
0x00E0	Module name character 1	0x00E1	Module name character 2
...	…	…	…
0x00EE	Module name character 15	0x00EF	Module name character 16
0x00F0	Dimmer channel 1 name character 1	0x00F1	Dimmer channel 1 name character 2
...	...	...	...
0x00FE	Dimmer channel 1name character 15	0x00FF	Dimmer channel 1 name character 16

Address	Contents	Address	Contents
0x0100	Push button 1 module address	0x0101	Push button 1 bit number
0x0102	Push button 1 action for channel 2	0x0103	Push button 1 first time parameter
0x0104	Push button 1 second time parameter	0x0105	Push button 1 third time parameter
0x0106	Push button 2 module address	0x0107	Push button 2 bit number
0x0108	Push button 2 action for channel 2	0x0109	Push button 2 first time parameter
0x010A	Push button 2 second time parameter	0x010B	Push button 2 third time parameter
...	...	...	...
0x01BA	Push button 32 module address	0x01BB	Push button 32 bit number
0x01BC	Push button 32 action for channel 2	0x01BD	Push button 32 first time parameter
0x01BE	Push button 32 second time parameter	0x01BF	Push button 32 third time parameter
0x01C0	Preset 1 (25%) dim value for channel 2	0x01C1	Preset 2 (50%) dim value for channel 2
0x01C2	Preset 3 (75%) dim value for channel 2	0x01C3	Preset 4 (100%) dim value for channel 2
0x01C4	Preset 5 (75%) dim value for channel 2	0x01C5	Preset 6 (50%) dim value for channel 2
0x01C6	Preset 7 (25%) dim value for channel 2	0x01C7	Preset 8 (255) dim value for channel 2
0x01C8	Preset 9 (255) dim value for channel 2	0x01C9	Preset 10 (255) dim value for channel 2
0x01CA	Preset 11 (255) dim value for channel 2	0x01CB	Preset 12 (255) dim value for channel 2
0x01CC	Preset 13 (255) dim value for channel 2	0x01CD	Preset dim value terminator for channel 2
0x01CE	Linear or logarithmic curve for channel 2	0x01CF	0 to 10V or 1 to 10V setting for channel 2
0x01D0	Dim start delay for channel 2	0x01D1	Dim switch off delay for channel 2
0x01D2	Transmit slider command for channel 2	0x01D3	Not used
0x01D4	Not used	0x01D5	Not used
0x01D6	Channel 2 location id low byte	0x01D7	Channel 2 location id high byte
0x01D8	Channel 2 group id low byte	0x01D9	Channel 2 group id high byte
0x01DA	Channel 2 circuit id low byte	0x01DB	Channel 2 circuit id high byte
0x01DC	Channel 2 load id low byte	0x01DD	Channel 2 load id high byte
0x01DE	Module group id low byte	0x01DF	Module group id high byte
0x01E0	Module name character 17	0x01E1	Module name character 18
...	…	...	…
0x01EE	Module name character 31	0x01EF	Module name character 32
0x01F0	Dimmer channel 2 name character 1	0x01F1	Dimmer channel 2 name character 2
...	...	...	...
0x01FE	Dimmer channel 2 name character 15	0x01FF	Dimmer channel 2 name character 16

Address	Contents	Address	Contents
0x0200	Push button 1 module address	0x0201	Push button 1 bit number
0x0202	Push button 1 action for channel 3	0x0203	Push button 1 first time parameter
0x0204	Push button 1 second time parameter	0x0205	Push button 1 third time parameter
0x0206	Push button 2 module address	0x0207	Push button 2 bit number
0x0208	Push button 2 action for channel 3	0x0209	Push button 2 first time parameter
0x020A	Push button 2 second time parameter	0x020B	Push button 2 third time parameter
...	...	...	...
0x02BA	Push button 32 module address	0x02BB	Push button 32 bit number
0x02BC	Push button 32 action for channel 3	0x02BD	Push button 32 first time parameter
0x02BE	Push button 32 second time parameter	0x02BF	Push button 32 third time parameter
0x02C0	Preset 1 (25%) dim value for channel 3	0x02C1	Preset 2 (50%) dim value for channel 3
0x02C2	Preset 3 (75%) dim value for channel 3	0x02C3	Preset 4 (100%) dim value for channel 3
0x02C4	Preset 5 (75%) dim value for channel 3	0x02C5	Preset 6 (50%) dim value for channel 3
0x02C6	Preset 7 (25%) dim value for channel 3	0x02C7	Preset 8 (255) dim value for channel 3
0x02C8	Preset 9 (255) dim value for channel 3	0x02C9	Preset 10 (255) dim value for channel 3
0x02CA	Preset 11 (255) dim value for channel 3	0x02CB	Preset 12 (255) dim value for channel 3
0x02CC	Preset 13 (255) dim value for channel 3	0x02CD	Preset dim value terminator for channel 3
0x02CE	Linear or logarithmic curve for channel 3	0x02CF	0 to 10V or 1 to 10V setting for channel 3
0x02D0	Dim start delay for channel 3	0x02D1	Dim switch off delay for channel 3
0x02D2	Transmit slider command for channel 3	0x02D3	Not used
0x02D4	Not used	0x02D5	Not used
0x02D6	Channel 3 location id low byte	0x02D7	Channel 3 location id high byte
0x02D8	Channel 3 group id low byte	0x02D9	Channel 3 group id high byte
0x02DA	Channel 3 circuit id low byte	0x02DB	Channel 3 circuit id high byte
0x02DC	Channel 3 load id low byte	0x02DD	Channel 3 load id high byte
0x02DE	Module circuit id low byte	0x02DF	Module circuit id high byte
0x02E0	Module name character 33	0x02E1	Module name character 34
...	…	…	…
0x02EE	Module name character 47	0x02EF	Module name character 48
0x02F0	Dimmer channel 3 name character 1	0x02F1	Dimmer channel 3 name character 2
...	...	...	...
0x02FE	Dimmer channel 3name character 15	0x02FF	Dimmer channel 3 name character 16

Address	Contents	Address	Contents
0x0300	Push button 1 module address	0x0301	Push button 1 bit number
0x0302	Push button 1 action for channel 4	0x0303	Push button 1 first time parameter
0x0304	Push button 1 second time parameter	0x0305	Push button 1 third time parameter
0x0306	Push button 2 module address	0x0307	Push button 2 bit number
0x0308	Push button 2 action for channel 4	0x0309	Push button 2 first time parameter
0x030A	Push button 2 second time parameter	0x030B	Push button 2 third time parameter
...	...	...	...
0x03BA	Push button 32 module address	0x03BB	Push button 32 bit number
0x03BC	Push button 32 action for channel 4	0x03BD	Push button 32 first time parameter
0x03BE	Push button 32 second time parameter	0x03BF	Push button 32 third time parameter
0x03C0	Preset 1 (25%) dim value for channel 4	0x03C1	Preset 2 (50%) dim value for channel 4
0x03C2	Preset 3 (75%) dim value for channel 4	0x03C3	Preset 4 (100%) dim value for channel 4
0x03C4	Preset 5 (75%) dim value for channel 4	0x03C5	Preset 6 (50%) dim value for channel 4
0x03C6	Preset 7 (25%) dim value for channel 4	0x03C7	Preset 8 (255) dim value for channel 4
0x03C8	Preset 9 (255) dim value for channel 4	0x03C9	Preset 10 (255) dim value for channel 4
0x03CA	Preset 11 (255) dim value for channel 4	0x03CB	Preset 12 (255) dim value for channel 4
0x03CC	Preset 13 (255) dim value for channel 4	0x03CD	Preset dim value terminator for channel 4
0x03CE	Linear or logarithmic curve for channel 4	0x03CF	0 to 10V or 1 to 10V setting for channel 4
0x03D0	Dim start delay for channel 4	0x03D1	Dim switch off delay for channel 4
0x03D2	Transmit slider command for channel 4	0x03D3	Not used
0x03D4	Not used	0x03D5	Not used
0x03D6	Channel 4 location id low byte	0x03D7	Channel 4 location id high byte
0x03D8	Channel 4 group id low byte	0x03D9	Channel 4 group id high byte
0x03DA	Channel 4 circuit id low byte	0x03DB	Channel 4 circuit id high byte
0x03DC	Channel 4 load id low byte	0x03DD	Channel 4 load id high byte
0x03DE	Module load id low byte	0x03DF	Module load id high byte
0x03E0	Module name character 49	0x03E1	Module name character 50
...	…	...	…
0x03EE	Module name character 63	0x03EF	Module name character 64
0x03EE	Dim start delay for channel 4	0x03EF	Dim switch off delay for channel 4
0x03F0	Dimmer channel 4 name character 1	0x03F1	Dimmer channel 4 name character 2
...	...	...	...
0x03FE	Dimmer channel 4 name character 15	0x03FF	Dimmer channel 4 name character 16

Remark: Unused locations contain 0xFF

Linear dim curve: 0xFF

Logarithmic dim curve: 0x00

0 to 10V dimmer: 0

1 to 10V dimmer: 1

Do not transmit slider dim value command: 0

Transmit slider dim value command: 1

Preset dim values: 0…100% or 255 for end of preset table

Preset dim value terminator: 0xFF

Dim start delay (default 0s) & Dim switch off delay (default 0s)

Contents	Delay
0	0s
1	0.013s
2	0.026s
...	...
255	3.315s

Mode number	Action			
0	Momentary	-	-	-
1	Off	-	-	-
2	'Off' with timers disabled	-	-	-
3	'Off' with timers disabled at short press	-	-	-
4	'Off' with timers disabled at long press	-	-	-
5	Slow off	Dim down time	-	-
6	On	-	-	-
7	'On' with timers disabled	-	-	-
8	'On' with timers disabled at short press	-	-	-
9	'On' with timers disabled at long press	-	-	-
10	Slow on	Dim up time	-	-
11	Toggle	-	-	-
12	'Toggle' with timers disabled	-	-	-
13	'Toggle' with timers disabled at short press	-	-	-
14	'Toggle' with timers disabled at long press	-	-	-
15	Slow on/off	Dim up time	Dim down time	-
16	Start/stop timer	Timeout	-	-
17	Start/stop timer with slow on/off	Timeout	Dim up time	Dim down time
18	Restartable timer	Timeout	-	-
19	Restartable timer with slow on/off	Timeout	Dim up time	Dim down time
20	Non restartable timer	Timeout	-	-
21	Non restartable timer with slow on/off	Timeout	Dim up time	Dim down time
22	Slow on at press, slow off at release + timeout	Timeout	Dim up time	Dim down time
23	Dim up	Timeout	-	-
24	Dim up at long press, on at short press	Timeout	-	-
25	Dim up at long press, memory at short press	Timeout	-	-
26	Dim down	Timeout	-	-
27	Dim down at long press, off at short press	Timeout	-	-
28	Dim	Timeout	-	-
29	Dim at long press, on or off at short press	Timeout	-	-
30	Dim at long press, memory or off at short press	Timeout	-	-
31	Atmospheric dimvalue	Timeout	Dim time	Dim value
32	Slider dimmer	-	-	-
33	Multi step dimmer	Timeout	Dim time	-
34	Disable at closed switch	-	-	-
35	Disable at opened switch	-	-	-
36	Disable at pressing push button	Timeout	-	-
37	Toggle disable at pressing push button	Timeout	-	-
38	Cancel disable at pressing push button	-	-	-
39	Forced 'On' at closed switch	-	-	-
40	Forced 'On' at opened switch	-	-	-
41	Forced 'On' at pressing push button	Timeout	-	-
42	Toggle forced 'On' at pressing push button	Timeout	-	-
43	Cancel Forced 'On' at pressing push button	-	-	-
44	Inhibit at closed switch	-	-	-
45	Inhibit at opened switch	-	-	-
46	Inhibit at pressing push button	Timeout	-	-
47	Toggle inhibit at pressing push button	Timeout	-	-
48	Cancel inhibit at pressing push button	-	-	-

Time parameter	Time or dim time
0	No timer or fastest dim time
1	1s
2	2s
...	
119	1min59s
120	2min
121	2min15s
...	
131	4min45s
132	5min
133	5min30s
...	
181	29min30s
182	30min
183	31min
...	
211	59min
212	1h
213	1h15min
...	
227	4h45min
228	5h
229	5h30min
...	
237	9h30min
238	10h
239	11h
...	
251	23h
252	1d
253	2d
254	3d
255	infinite

The dim time is limited to one day

Memory map version 3 (Build 1509 or higher):

Address	Contents	Address	Contents
0x0000	Push button 1 module address	0x0001	Push button 1 bit number
0x0002	Push button 1 action for channel 1	0x0003	Push button 1 first time parameter
0x0004	Push button 1 second time parameter	0x0005	Push button 1 third time parameter
0x0006	Push button 2 module address	0x0007	Push button 2 bit number
0x0008	Push button 2 action for channel 1	0x0009	Push button 2 first time parameter
0x000A	Push button 2 second time parameter	0x000B	Push button 2 third time parameter
...	...	...	...
0x00BA	Push button 32 module address	0x00BB	Push button 32 bit number
0x00BC	Push button 32 action for channel 1	0x00BD	Push button 32 first time parameter
0x00BE	Push button 32 second time parameter	0x00BF	Push button 32 third time parameter
0x00C0	Preset 1 (25%) dim value for channel 1	0x00C1	Preset 2 (50%) dim value for channel 1
0x00C2	Preset 3 (75%) dim value for channel 1	0x00C3	Preset 4 (100%) dim value for channel 1
0x00C4	Preset 5 (75%) dim value for channel 1	0x00C5	Preset 6 (50%) dim value for channel 1
0x00C6	Preset 7 (25%) dim value for channel 1	0x00C7	Preset 8 (255) dim value for channel 1
0x00C8	Preset 9 (255) dim value for channel 1	0x00C9	Preset 10 (255) dim value for channel 1
0x00CA	Preset 11 (255) dim value for channel 1	0x00CB	Preset 12 (255) dim value for channel 1
0x00CC	Preset 13 (255) dim value for channel 1	0x00CD	Preset dim value terminator for channel 1
0x00CE	Linear or logarithmic curve for channel 1	0x00CF	0 to 10V or 1 to 10V setting for channel 1
0x00D0	Dim start delay for channel 1	0x00D1	Dim switch off delay for channel 1
0x00D2	Transmit slider command for channel 1	0x00D3	Minimum control factor
0x00D4	Not used	0x00D5	Terminator
0x00D6	Channel 1 location id low byte	0x00D7	Channel 1 location id high byte
0x00D8	Channel 1 group id low byte	0x00D9	Channel 1 group id high byte
0x00DA	Channel 1 circuit id low byte	0x00DB	Channel 1 circuit id high byte
0x00DC	Channel 1 load id low byte	0x00DD	Channel 1 load id high byte
0x00DE	Module location id low byte	0x00DF	Module location id high byte
0x00E0	Module name character 1	0x00E1	Module name character 2
...	…	…	…
0x00EE	Module name character 15	0x00EF	Module name character 16
0x00F0	Dimmer channel 1 name character 1	0x00F1	Dimmer channel 1 name character 2
...	...	...	...
0x00FE	Dimmer channel 1name character 15	0x00FF	Dimmer channel 1 name character 16

Address	Contents	Address	Contents
0x0100	Push button 1 module address	0x0101	Push button 1 bit number
0x0102	Push button 1 action for channel 2	0x0103	Push button 1 first time parameter
0x0104	Push button 1 second time parameter	0x0105	Push button 1 third time parameter
0x0106	Push button 2 module address	0x0107	Push button 2 bit number
0x0108	Push button 2 action for channel 2	0x0109	Push button 2 first time parameter
0x010A	Push button 2 second time parameter	0x010B	Push button 2 third time parameter
...	...	...	...
0x01BA	Push button 32 module address	0x01BB	Push button 32 bit number
0x01BC	Push button 32 action for channel 2	0x01BD	Push button 32 first time parameter
0x01BE	Push button 32 second time parameter	0x01BF	Push button 32 third time parameter
0x01C0	Preset 1 (25%) dim value for channel 2	0x01C1	Preset 2 (50%) dim value for channel 2
0x01C2	Preset 3 (75%) dim value for channel 2	0x01C3	Preset 4 (100%) dim value for channel 2
0x01C4	Preset 5 (75%) dim value for channel 2	0x01C5	Preset 6 (50%) dim value for channel 2
0x01C6	Preset 7 (25%) dim value for channel 2	0x01C7	Preset 8 (255) dim value for channel 2
0x01C8	Preset 9 (255) dim value for channel 2	0x01C9	Preset 10 (255) dim value for channel 2
0x01CA	Preset 11 (255) dim value for channel 2	0x01CB	Preset 12 (255) dim value for channel 2
0x01CC	Preset 13 (255) dim value for channel 2	0x01CD	Preset dim value terminator for channel 2
0x01CE	Linear or logarithmic curve for channel 2	0x01CF	0 to 10V or 1 to 10V setting for channel 2
0x01D0	Dim start delay for channel 2	0x01D1	Dim switch off delay for channel 2
0x01D2	Transmit slider command for channel 2	0x01D3	Minimum control factor
0x01D4	Not used	0x01D5	Not used
0x01D6	Channel 2 location id low byte	0x01D7	Channel 2 location id high byte
0x01D8	Channel 2 group id low byte	0x01D9	Channel 2 group id high byte
0x01DA	Channel 2 circuit id low byte	0x01DB	Channel 2 circuit id high byte
0x01DC	Channel 2 load id low byte	0x01DD	Channel 2 load id high byte
0x01DE	Module group id low byte	0x01DF	Module group id high byte
0x01E0	Module name character 17	0x01E1	Module name character 18
...	…	...	…
0x01EE	Module name character 31	0x01EF	Module name character 32
0x01F0	Dimmer channel 2 name character 1	0x01F1	Dimmer channel 2 name character 2
...	...	...	...
0x01FE	Dimmer channel 2 name character 15	0x01FF	Dimmer channel 2 name character 16

Address	Contents	Address	Contents
0x0200	Push button 1 module address	0x0201	Push button 1 bit number
0x0202	Push button 1 action for channel 3	0x0203	Push button 1 first time parameter
0x0204	Push button 1 second time parameter	0x0205	Push button 1 third time parameter
0x0206	Push button 2 module address	0x0207	Push button 2 bit number
0x0208	Push button 2 action for channel 3	0x0209	Push button 2 first time parameter
0x020A	Push button 2 second time parameter	0x020B	Push button 2 third time parameter
...	...	...	...
0x02BA	Push button 32 module address	0x02BB	Push button 32 bit number
0x02BC	Push button 32 action for channel 3	0x02BD	Push button 32 first time parameter
0x02BE	Push button 32 second time parameter	0x02BF	Push button 32 third time parameter
0x02C0	Preset 1 (25%) dim value for channel 3	0x02C1	Preset 2 (50%) dim value for channel 3
0x02C2	Preset 3 (75%) dim value for channel 3	0x02C3	Preset 4 (100%) dim value for channel 3
0x02C4	Preset 5 (75%) dim value for channel 3	0x02C5	Preset 6 (50%) dim value for channel 3
0x02C6	Preset 7 (25%) dim value for channel 3	0x02C7	Preset 8 (255) dim value for channel 3
0x02C8	Preset 9 (255) dim value for channel 3	0x02C9	Preset 10 (255) dim value for channel 3
0x02CA	Preset 11 (255) dim value for channel 3	0x02CB	Preset 12 (255) dim value for channel 3
0x02CC	Preset 13 (255) dim value for channel 3	0x02CD	Preset dim value terminator for channel 3
0x02CE	Linear or logarithmic curve for channel 3	0x02CF	0 to 10V or 1 to 10V setting for channel 3
0x02D0	Dim start delay for channel 3	0x02D1	Dim switch off delay for channel 3
0x02D2	Transmit slider command for channel 3	0x02D3	Minimum control factor
0x02D4	Not used	0x02D5	Not used
0x02D6	Channel 3 location id low byte	0x02D7	Channel 3 location id high byte
0x02D8	Channel 3 group id low byte	0x02D9	Channel 3 group id high byte
0x02DA	Channel 3 circuit id low byte	0x02DB	Channel 3 circuit id high byte
0x02DC	Channel 3 load id low byte	0x02DD	Channel 3 load id high byte
0x02DE	Module circuit id low byte	0x02DF	Module circuit id high byte
0x02E0	Module name character 33	0x02E1	Module name character 34
...	…	...	…
0x02EE	Module name character 47	0x02EF	Module name character 48
0x02F0	Dimmer channel 3 name character 1	0x02F1	Dimmer channel 3 name character 2
...	...	...	...
0x02FE	Dimmer channel 3name character 15	0x02FF	Dimmer channel 3 name character 16

Address	Contents	Address	Contents
0x0300	Push button 1 module address	0x0301	Push button 1 bit number
0x0302	Push button 1 action for channel 4	0x0303	Push button 1 first time parameter
0x0304	Push button 1 second time parameter	0x0305	Push button 1 third time parameter
0x0306	Push button 2 module address	0x0307	Push button 2 bit number
0x0308	Push button 2 action for channel 4	0x0309	Push button 2 first time parameter
0x030A	Push button 2 second time parameter	0x030B	Push button 2 third time parameter
...	...	...	...
0x03BA	Push button 32 module address	0x03BB	Push button 32 bit number
0x03BC	Push button 32 action for channel 4	0x03BD	Push button 32 first time parameter
0x03BE	Push button 32 second time parameter	0x03BF	Push button 32 third time parameter
0x03C0	Preset 1 (25%) dim value for channel 4	0x03C1	Preset 2 (50%) dim value for channel 4
0x03C2	Preset 3 (75%) dim value for channel 4	0x03C3	Preset 4 (100%) dim value for channel 4
0x03C4	Preset 5 (75%) dim value for channel 4	0x03C5	Preset 6 (50%) dim value for channel 4
0x03C6	Preset 7 (25%) dim value for channel 4	0x03C7	Preset 8 (255) dim value for channel 4
0x03C8	Preset 9 (255) dim value for channel 4	0x03C9	Preset 10 (255) dim value for channel 4
0x03CA	Preset 11 (255) dim value for channel 4	0x03CB	Preset 12 (255) dim value for channel 4
0x03CC	Preset 13 (255) dim value for channel 4	0x03CD	Preset dim value terminator for channel 4
0x03CE	Linear or logarithmic curve for channel 4	0x03CF	0 to 10V or 1 to 10V setting for channel 4
0x03D0	Dim start delay for channel 4	0x03D1	Dim switch off delay for channel 4
0x03D2	Transmit slider command for channel 4	0x03D3	Minimum control factor
0x03D4	Not used	0x03D5	Not used
0x03D6	Channel 4 location id low byte	0x03D7	Channel 4 location id high byte
0x03D8	Channel 4 group id low byte	0x03D9	Channel 4 group id high byte
0x03DA	Channel 4 circuit id low byte	0x03DB	Channel 4 circuit id high byte
0x03DC	Channel 4 load id low byte	0x03DD	Channel 4 load id high byte
0x03DE	Module load id low byte	0x03DF	Module load id high byte
0x03E0	Module name character 49	0x03E1	Module name character 50
...	…	...	…
0x03EE	Module name character 63	0x03EF	Module name character 64
0x03EE	Dim start delay for channel 4	0x03EF	Dim switch off delay for channel 4
0x03F0	Dimmer channel 4 name character 1	0x03F1	Dimmer channel 4 name character 2
...	...	...	...
0x03FE	Dimmer channel 4 name character 15	0x03FF	Dimmer channel 4 name character 16

Remark: Unused locations contain 0xFF

Linear dim curve: 0xFF

Logarithmic dim curve: 0x00

0 to 10V dimmer: 0

1 to 10V dimmer: 1

Do not transmit slider dim value command: 0

Transmit slider dim value command: 1

Preset dim values: 0…100% or 255 for end of preset table

Preset dim value terminator: 0xFF

Dim start delay (default 0s) & Dim switch off delay (default 0s)

Contents	Delay
0	0s
1	0.013s
2	0.026s
...	...
255	3.315s

Minimum control factor = 255 – (min% * 255/100)

Mode number	Action			
0	Momentary	-	-	-
1	Off	-	-	-
2	'Off' with timers disabled	-	-	-
3	'Off' with timers disabled at short press	-	-	-
4	'Off' with timers disabled at long press	-	-	-
5	Slow off	Dim down time	-	-
6	On	-	-	-
7	'On' with timers disabled	-	-	-
8	'On' with timers disabled at short press	-	-	-
9	'On' with timers disabled at long press	-	-	-
10	Slow on	Dim up time	-	-
11	Toggle	-	-	-
12	'Toggle' with timers disabled	-	-	-
13	'Toggle' with timers disabled at short press	-	-	-
14	'Toggle' with timers disabled at long press	-	-	-
15	Slow on/off	Dim up time	Dim down time	-
16	Start/stop timer	Timeout	-	-
17	Start/stop timer with slow on/off	Timeout	Dim up time	Dim down time
18	Restartable timer	Timeout	-	-
19	Restartable timer with slow on/off	Timeout	Dim up time	Dim down time
20	Non restartable timer	Timeout	-	-
21	Non restartable timer with slow on/off	Timeout	Dim up time	Dim down time
22	Slow on at press, slow off at release + timeout	Timeout	Dim up time	Dim down time
23	Dim up	Timeout	-	-
24	Dim up at long press, on at short press	Timeout	-	-
25	Dim up at long press, memory at short press	Timeout	-	-
26	Dim down	Timeout	-	-
27	Dim down at long press, off at short press	Timeout	-	-
28	Dim	Timeout	-	-
29	Dim at long press, on or off at short press	Timeout	-	-
30	Dim at long press, memory or off at short press	Timeout	-	-
31	Atmospheric dimvalue	Timeout	Dim time	Dim value
32	Slider dimmer	-	-	-
33	Multi step dimmer	Timeout	Dim time	-
34	Disable at closed switch	-	-	-
35	Disable at opened switch	-	-	-
36	Disable at pressing push button	Timeout	-	-
37	Toggle disable at pressing push button	Timeout	-	-
38	Cancel disable at pressing push button	-	-	-
39	Forced 'On' at closed switch	-	-	-
40	Forced 'On' at opened switch	-	-	-
41	Forced 'On' at pressing push button	Timeout	-	-
42	Toggle forced 'On' at pressing push button	Timeout	-	-
43	Cancel Forced 'On' at pressing push button	-	-	-
44	Inhibit at closed switch	-	-	-
45	Inhibit at opened switch	-	-	-
46	Inhibit at pressing push button	Timeout	-	-
47	Toggle inhibit at pressing push button	Timeout	-	-
48	Cancel inhibit at pressing push button	-	-	-

Time parameter	Time or dim time
0	No timer or fastest dim time
1	1s
2	2s
...	
119	1min59s
120	2min
121	2min15s
...	
131	4min45s
132	5min
133	5min30s
...	
181	29min30s
182	30min
183	31min
...	
211	59min
212	1h
213	1h15min
...	
227	4h45min
228	5h
229	5h30min
...	
237	9h30min
238	10h
239	11h
...	
251	23h
252	1d
253	2d
254	3d
255	infinite

The dim time is limited to one day

Memory map version 4 (Build 1915 or higher):

Address	Contents	Address	Contents
0x0000	Push button 1 module address	0x0001	Push button 1 bit number
0x0002	Push button 1 action for channel 1	0x0003	Push button 1 first time parameter
0x0004	Push button 1 second time parameter	0x0005	Push button 1 third time parameter
0x0006	Push button 2 module address	0x0007	Push button 2 bit number
0x0008	Push button 2 action for channel 1	0x0009	Push button 2 first time parameter
0x000A	Push button 2 second time parameter	0x000B	Push button 2 third time parameter
...	...	...	...
0x00BA	Push button 32 module address	0x00BB	Push button 32 bit number
0x00BC	Push button 32 action for channel 1	0x00BD	Push button 32 first time parameter
0x00BE	Push button 32 second time parameter	0x00BF	Push button 32 third time parameter
0x00C0	Preset 1 (25%) dim value for channel 1	0x00C1	Preset 2 (50%) dim value for channel 1
0x00C2	Preset 3 (75%) dim value for channel 1	0x00C3	Preset 4 (100%) dim value for channel 1
0x00C4	Preset 5 (75%) dim value for channel 1	0x00C5	Preset 6 (50%) dim value for channel 1
0x00C6	Preset 7 (25%) dim value for channel 1	0x00C7	Preset 8 (255) dim value for channel 1
0x00C8	Preset 9 (255) dim value for channel 1	0x00C9	Preset 10 (255) dim value for channel 1
0x00CA	Preset 11 (255) dim value for channel 1	0x00CB	Preset 12 (255) dim value for channel 1
0x00CC	Preset 13 (255) dim value for channel 1	0x00CD	Preset dim value terminator for channel 1
0x00CE	Linear or logarithmic curve for channel 1	0x00CF	0 to 10V or 1 to 10V setting for channel 1
0x00D0	Dim start delay for channel 1	0x00D1	Dim switch off delay for channel 1
0x00D2	Transmit slider command for channel 1	0x00D3	Minimum control factor
0x00D4	Dimspeed (Build 1915 or higher)	0x00D5	Terminator
0x00D6	Channel 1 location id low byte	0x00D7	Channel 1 location id high byte
0x00D8	Channel 1 group id low byte	0x00D9	Channel 1 group id high byte
0x00DA	Channel 1 circuit id low byte	0x00DB	Channel 1 circuit id high byte
0x00DC	Channel 1 load id low byte	0x00DD	Channel 1 load id high byte
0x00DE	Module location id low byte	0x00DF	Module location id high byte
0x00E0	Module name character 1	0x00E1	Module name character 2
...	…	…	…
0x00EE	Module name character 15	0x00EF	Module name character 16
0x00F0	Dimmer channel 1 name character 1	0x00F1	Dimmer channel 1 name character 2
...	...	...	...
0x00FE	Dimmer channel 1name character 15	0x00FF	Dimmer channel 1 name character 16

Address	Contents	Address	Contents
0x0100	Push button 1 module address	0x0101	Push button 1 bit number
0x0102	Push button 1 action for channel 2	0x0103	Push button 1 first time parameter
0x0104	Push button 1 second time parameter	0x0105	Push button 1 third time parameter
0x0106	Push button 2 module address	0x0107	Push button 2 bit number
0x0108	Push button 2 action for channel 2	0x0109	Push button 2 first time parameter
0x010A	Push button 2 second time parameter	0x010B	Push button 2 third time parameter
...	...	...	...
0x01BA	Push button 32 module address	0x01BB	Push button 32 bit number
0x01BC	Push button 32 action for channel 2	0x01BD	Push button 32 first time parameter
0x01BE	Push button 32 second time parameter	0x01BF	Push button 32 third time parameter
0x01C0	Preset 1 (25%) dim value for channel 2	0x01C1	Preset 2 (50%) dim value for channel 2
0x01C2	Preset 3 (75%) dim value for channel 2	0x01C3	Preset 4 (100%) dim value for channel 2
0x01C4	Preset 5 (75%) dim value for channel 2	0x01C5	Preset 6 (50%) dim value for channel 2
0x01C6	Preset 7 (25%) dim value for channel 2	0x01C7	Preset 8 (255) dim value for channel 2
0x01C8	Preset 9 (255) dim value for channel 2	0x01C9	Preset 10 (255) dim value for channel 2
0x01CA	Preset 11 (255) dim value for channel 2	0x01CB	Preset 12 (255) dim value for channel 2
0x01CC	Preset 13 (255) dim value for channel 2	0x01CD	Preset dim value terminator for channel 2
0x01CE	Linear or logarithmic curve for channel 2	0x01CF	0 to 10V or 1 to 10V setting for channel 2
0x01D0	Dim start delay for channel 2	0x01D1	Dim switch off delay for channel 2
0x01D2	Transmit slider command for channel 2	0x01D3	Minimum control factor
0x01D4	Not used	0x01D5	Not used
0x01D6	Channel 2 location id low byte	0x01D7	Channel 2 location id high byte
0x01D8	Channel 2 group id low byte	0x01D9	Channel 2 group id high byte
0x01DA	Channel 2 circuit id low byte	0x01DB	Channel 2 circuit id high byte
0x01DC	Channel 2 load id low byte	0x01DD	Channel 2 load id high byte
0x01DE	Module group id low byte	0x01DF	Module group id high byte
0x01E0	Module name character 17	0x01E1	Module name character 18
...	…	...	…
0x01EE	Module name character 31	0x01EF	Module name character 32
0x01F0	Dimmer channel 2 name character 1	0x01F1	Dimmer channel 2 name character 2
...	...	...	...
0x01FE	Dimmer channel 2 name character 15	0x01FF	Dimmer channel 2 name character 16

Address	Contents	Address	Contents
0x0200	Push button 1 module address	0x0201	Push button 1 bit number
0x0202	Push button 1 action for channel 3	0x0203	Push button 1 first time parameter
0x0204	Push button 1 second time parameter	0x0205	Push button 1 third time parameter
0x0206	Push button 2 module address	0x0207	Push button 2 bit number
0x0208	Push button 2 action for channel 3	0x0209	Push button 2 first time parameter
0x020A	Push button 2 second time parameter	0x020B	Push button 2 third time parameter
...	...	...	...
0x02BA	Push button 32 module address	0x02BB	Push button 32 bit number
0x02BC	Push button 32 action for channel 3	0x02BD	Push button 32 first time parameter
0x02BE	Push button 32 second time parameter	0x02BF	Push button 32 third time parameter
0x02C0	Preset 1 (25%) dim value for channel 3	0x02C1	Preset 2 (50%) dim value for channel 3
0x02C2	Preset 3 (75%) dim value for channel 3	0x02C3	Preset 4 (100%) dim value for channel 3
0x02C4	Preset 5 (75%) dim value for channel 3	0x02C5	Preset 6 (50%) dim value for channel 3
0x02C6	Preset 7 (25%) dim value for channel 3	0x02C7	Preset 8 (255) dim value for channel 3
0x02C8	Preset 9 (255) dim value for channel 3	0x02C9	Preset 10 (255) dim value for channel 3
0x02CA	Preset 11 (255) dim value for channel 3	0x02CB	Preset 12 (255) dim value for channel 3
0x02CC	Preset 13 (255) dim value for channel 3	0x02CD	Preset dim value terminator for channel 3
0x02CE	Linear or logarithmic curve for channel 3	0x02CF	0 to 10V or 1 to 10V setting for channel 3
0x02D0	Dim start delay for channel 3	0x02D1	Dim switch off delay for channel 3
0x02D2	Transmit slider command for channel 3	0x02D3	Minimum control factor
0x02D4	Not used	0x02D5	Not used
0x02D6	Channel 3 location id low byte	0x02D7	Channel 3 location id high byte
0x02D8	Channel 3 group id low byte	0x02D9	Channel 3 group id high byte
0x02DA	Channel 3 circuit id low byte	0x02DB	Channel 3 circuit id high byte
0x02DC	Channel 3 load id low byte	0x02DD	Channel 3 load id high byte
0x02DE	Module circuit id low byte	0x02DF	Module circuit id high byte
0x02E0	Module name character 33	0x02E1	Module name character 34
...	…	…	…
0x02EE	Module name character 47	0x02EF	Module name character 48
0x02F0	Dimmer channel 3 name character 1	0x02F1	Dimmer channel 3 name character 2
...	...	...	...
0x02FE	Dimmer channel 3name character 15	0x02FF	Dimmer channel 3 name character 16

Address	Contents	Address	Contents
0x0300	Push button 1 module address	0x0301	Push button 1 bit number
0x0302	Push button 1 action for channel 4	0x0303	Push button 1 first time parameter
0x0304	Push button 1 second time parameter	0x0305	Push button 1 third time parameter
0x0306	Push button 2 module address	0x0307	Push button 2 bit number
0x0308	Push button 2 action for channel 4	0x0309	Push button 2 first time parameter
0x030A	Push button 2 second time parameter	0x030B	Push button 2 third time parameter
...	...	...	...
0x03BA	Push button 32 module address	0x03BB	Push button 32 bit number
0x03BC	Push button 32 action for channel 4	0x03BD	Push button 32 first time parameter
0x03BE	Push button 32 second time parameter	0x03BF	Push button 32 third time parameter
0x03C0	Preset 1 (25%) dim value for channel 4	0x03C1	Preset 2 (50%) dim value for channel 4
0x03C2	Preset 3 (75%) dim value for channel 4	0x03C3	Preset 4 (100%) dim value for channel 4
0x03C4	Preset 5 (75%) dim value for channel 4	0x03C5	Preset 6 (50%) dim value for channel 4
0x03C6	Preset 7 (25%) dim value for channel 4	0x03C7	Preset 8 (255) dim value for channel 4
0x03C8	Preset 9 (255) dim value for channel 4	0x03C9	Preset 10 (255) dim value for channel 4
0x03CA	Preset 11 (255) dim value for channel 4	0x03CB	Preset 12 (255) dim value for channel 4
0x03CC	Preset 13 (255) dim value for channel 4	0x03CD	Preset dim value terminator for channel 4
0x03CE	Linear or logarithmic curve for channel 4	0x03CF	0 to 10V or 1 to 10V setting for channel 4
0x03D0	Dim start delay for channel 4	0x03D1	Dim switch off delay for channel 4
0x03D2	Transmit slider command for channel 4	0x03D3	Minimum control factor
0x03D4	Not used	0x03D5	Not used
0x03D6	Channel 4 location id low byte	0x03D7	Channel 4 location id high byte
0x03D8	Channel 4 group id low byte	0x03D9	Channel 4 group id high byte
0x03DA	Channel 4 circuit id low byte	0x03DB	Channel 4 circuit id high byte
0x03DC	Channel 4 load id low byte	0x03DD	Channel 4 load id high byte
0x03DE	Module load id low byte	0x03DF	Module load id high byte
0x03E0	Module name character 49	0x03E1	Module name character 50
...	…	...	…
0x03EE	Module name character 63	0x03EF	Module name character 64
0x03EE	Dim start delay for channel 4	0x03EF	Dim switch off delay for channel 4
0x03F0	Dimmer channel 4 name character 1	0x03F1	Dimmer channel 4 name character 2
...	...	...	...
0x03FE	Dimmer channel 4 name character 15	0x03FF	Dimmer channel 4 name character 16

Remark: Unused locations contain 0xFF
Linear dim curve: 0xFF
Logarithmic dim curve: 0x00
0 to 10V dimmer: 0
1 to 10V dimmer: 1
Do not transmit slider dim value command: 0
Transmit slider dim value command: 1
Preset dim values: 0…100% or 255 for end of preset table
Preset dim value terminator: 0xFF
Dim start delay (default 0s) & Dim switch off delay (default 0s)

Contents	Delay
0	0s
1	0.013s
2	0.026s
...	...
255	3.315s

Minimum control factor = 255 – (min% * 255/100)

Dimspeed:

Contents	Dimspeed
2	Fast (4 sec) (factory default)
5	Slow (8 sec)

Mode number	Action			
0	Momentary	-	-	-
1	Off	-	-	-
2	'Off' with timers disabled	-	-	-
3	'Off' with timers disabled at short press	-	-	-
4	'Off' with timers disabled at long press	-	-	-
5	Slow off	Dim down time	-	-
6	On	-	-	-
7	'On' with timers disabled	-	-	-
8	'On' with timers disabled at short press	-	-	-
9	'On' with timers disabled at long press	-	-	-
10	Slow on	Dim up time	-	-
11	Toggle	-	-	-
12	'Toggle' with timers disabled	-	-	-
13	'Toggle' with timers disabled at short press	-	-	-
14	'Toggle' with timers disabled at long press	-	-	-
15	Slow on/off	Dim up time	Dim down time	-
16	Start/stop timer	Timeout	-	-
17	Start/stop timer with slow on/off	Timeout	Dim up time	Dim down time
18	Restartable timer	Timeout	-	-
19	Restartable timer with slow on/off	Timeout	Dim up time	Dim down time
20	Non restartable timer	Timeout	-	-
21	Non restartable timer with slow on/off	Timeout	Dim up time	Dim down time
22	Slow on at press, slow off at release + timeout	Timeout	Dim up time	Dim down time
23	Dim up	Timeout	-	-
24	Dim up at long press, on at short press	Timeout	-	-
25	Dim up at long press, memory at short press	Timeout	-	-
26	Dim down	Timeout	-	-
27	Dim down at long press, off at short press	Timeout	-	-
28	Dim	Timeout	-	-
29	Dim at long press, on or off at short press	Timeout	-	-
30	Dim at long press, memory or off at short press	Timeout	-	-
31	Atmospheric dimvalue	Timeout	Dim time	Dim value
32	Slider dimmer	-	-	-
33	Multi step dimmer	Timeout	Dim time	-
34	Disable at closed switch	-	-	-
35	Disable at opened switch	-	-	-
36	Disable at pressing push button	Timeout	-	-
37	Toggle disable at pressing push button	Timeout	-	-
38	Cancel disable at pressing push button	-	-	-
39	Forced 'On' at closed switch	-	-	-
40	Forced 'On' at opened switch	-	-	-
41	Forced 'On' at pressing push button	Timeout	-	-
42	Toggle forced 'On' at pressing push button	Timeout	-	-
43	Cancel Forced 'On' at pressing push button	-	-	-
44	Inhibit at closed switch	-	-	-
45	Inhibit at opened switch	-	-	-
46	Inhibit at pressing push button	Timeout	-	-
47	Toggle inhibit at pressing push button	Timeout	-	-
48	Cancel inhibit at pressing push button	-	-	-

Time parameter	Time or dim time
0	No timer or fastest dim time
1	1s
2	2s
...	
119	1min59s
120	2min
121	2min15s
...	
131	4min45s
132	5min
133	5min30s
...	
181	29min30s
182	30min
183	31min
...	
211	59min
212	1h
213	1h15min
...	
227	4h45min
228	5h
229	5h30min
...	
237	9h30min
238	10h
239	11h
...	
251	23h
252	1d
253	2d
254	3d
255	infinite

The dim time is limited to one day