

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)		
SID8SID1	Address		
SID0	Always 0		
RTR	Remote Transmit Request		
IDE	Identifier Extension (always 0)		
r0	reserved (always 0)		
DLC3DLC0	Data Length Code (08)		
Databyte1	Command		
Databyte2	Parameter		
Databyte3	Parameter		
Databyte4	Parameter		
Databyte5	Parameter		
Databyte6	Parameter		
Databyte7	Parameter		
Databyte8	Parameter		
CRC15CRC1	Cyclic Redundancy Checksum		
CRCDEL	CRC Delimiter (always 1)		
ACK	Acknowledge slot (transmit 1 readback 0 if received correctly)		
ACKDEL	Acknowledge Delimiter (always 1)		
EOF7EOF1	End Of Frame (always 1111111)		
IFS3IFS1	InterFrame Space (always 111)		

The dimmer module can transmit the following commands:

- Updates LEDs on a push button module
- 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
- Blinks LEDs very fast on a push button module

The dimmer module can transmit the following messages:

- Dimmer status
- Module type
- Local dim push button & dimmer switch status (Build 0819 or higher)
- Dimmer slider status (Build 0917 or higher)
- Bus error counter status
- First, second and third part of the dimmer name
- First, second and third part of the local dim push button name (Build 0819 or higher)
- Memory data
- Memory data block (4 bytes) (Build 0735 or higher)

The dimmer module can receive the following messages:

- Push button status
- Slider status

The dimmer module can receive the following commands:

- Set dimmer value
- Set dimmer at last used dimvalue (Build 1006 or higher)
- Start dimmer timer
- Stop dimming (Build 1005 or higher)
- Dimmer status request
- Clear Push button Led (Build 0819 or higher)
- Module type request
- Bus error counter status request
- Dimmer and/or local dim push button name request (Build 0819 or higher)
- Read memory data
- Read memory data block (4 bytes) (Build 0743 or higher)
- Memory dump request (Build 0735 or higher)

- Write memory data
- Write memory data block (4 bytes) (Build 0743 or higher)

Transmits the local dim push button & dimmer switch status: (Build 0819 or higher)

SID10-SID9 = 00 (highest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 4 databytes to send

DATABYTE1 = COMMAND PUSH BUTTON STATUS (H'00')

DATABYTE2 = Local dim push buttons just pressed / dimmer just switched on (1 = just pressed / switched on)

DATABYTE3 = Local dim push buttons just released / dimmer just switched off (1 = just released / switched off)

DATABYTE4 = Local dim push buttons long pressed (1 = longer than 0.85s pressed)

	Databyte2	Databyte3	Databyte4
Dimmer just switched on	B'000x0001'	B'000x0000'	B'000x0000'
Dimmer just switched off	B'000x0000'	B'000x0001'	B'000x0000'
Local Dim Push button just pressed	B'0001000x'	B'0000000x'	B'00000000'
Local Dim Push button just long pressed	B'0000000x'	B'0000000x'	B'00010000'
Local Dim Push button just released	B'0000000x'	B'0001000x'	B'00000000'

Transmits dimmer slider status: (Build 0917 or higher)

SID10-SID9 = 00 (highest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 4 databytes to send

DATABYTE1 = COMMAND SLIDER STATUS (H'0F')

DATABYTE2 = Dimmer slider channel (H'01')

DATABYTE3 = Dimmer value 0...100% (slider status)

DATABYTE4 = H'00' (Slider channel not long pressed)

Transmit: Updates LEDs on a push button module:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address of the push button module for updating the LEDs

RTR = 0

DLC3...DLC0 = 4 databytes to send

DATABYTE1 = COMMAND_UPDATE_LED (H'F4')

DATABYTE2 = LED continuous on status (1 = LED on)

DATABYTE3 = LED slow blinking status (1 = LED slow blinking)

DATABYTE4 = LED fast blinking status (1 = LED fast blinking)

Remarks:

The continuous on bit overrides the blinking modes.

If the slow and fast blinking bits for a LED are both on, the LED blinks very fast.

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 databytes to send

DATABYTE1 = COMMAND CLEAR LED (H'F5')

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 databytes to send

DATABYTE1 = COMMAND SET LED (H'F6')

DATABYTE2 = LED bit numbers ($\overline{1}$ = 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 databytes to send

DATABYTE1 = COMMAND_SLOW_BLINKING_LED (H'F7') 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 databytes to send

DATABYTE1 = COMMAND_FAST_BLINKING_LED (H'F8')

DATABYTE2 = LED bit numbers (1 = fast blink LED)

Transmit: Blinks LEDs very fast on a push button module:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address of the push button module for very fast blinking LEDs

RTR = 0

DLC3...DLC0 = 2 databytes to send

DATABYTE1 = COMMAND VERYFAST BLINKING LED (H'F9')

DATABYTE2 = LED bit numbers (1 = very fast blink LED)

Transmits the dimmer status:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 8 databytes to send

DATABYTE1 = COMMAND_DIMMER_STATUS (H'EE')

DATABYTE2 = Mode setting

Contents	Mode		
0	Start/stop timer		
1	Staircase timer		
2	Dimmer		
3	Dimmer with memory		
4	Multi step dimmer		
5	Slow on dimmer		
6	Slow off dimmer		
7	Slow on/off dimmer		

DATABYTE3 = Dimvalue (0 to 100%)

DATABYTE4 = 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

DATABYTE5 = high byte of current delay time

DATABYTE6 = mid byte of current delay time

DATABYTE7 = low byte of current delay time

DATABYTE8 = dimmer configuration

Contents	Contents		
B'11xxxxxx'	Zero crossing error		
B'1x1xxxxx'	Too inductive load		
B'1xx0xxxx'	50Hz		
B'1xx1xxxx'	60Hz		
B'1xxx0xxx'	For electronic transformer		
B'lxxxlxxx'	For ferro transformer		
B'1xxxx001'	Last 3 bits = version number		

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

Transmits the module type:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 7 databytes to send

DATABYTE1 = COMMAND_MODULE_TYPE (H'FF')

DATABYTE2 = DIMMER_MODULE_FOR_ELECTRONIC_TRANSFORMER_TYPE (H'07')

DATABYTE3 = Mode setting

Contents	Mode		
0	Start/stop timer		
1	Staircase timer		
2	Dimmer		
3	Dimmer with memory		
4	Multi step dimmer		
5	Slow on dimmer		
6	Slow off dimmer		
7	Slow on/off dimmer		

DATABYTE4 = Time switch setting

Contents	Time	
0	Momentary	
1	5s	
2	10s	
3	15s	
4	30s	
5	1min	
6	2min	
7	5min	
8	10min	
9	15min	
A	30min	
В	1h	
C	2h	
D	5h	
Е	1day	
F	No timer or max dimspeed	

DATABYTE5 = dimmer configuration

Contents	Contents		
B'11xxxxxx'	Zero crossing error		
B'1x1xxxxx'	Too inductive load		
B'1xx0xxxx'	50Hz		
B'1xx1xxxx'	60Hz		
B'1xxx0xxx'	For electronic transformer		
B'1xxx1xxx'	For ferro transformer		
B'1xxxx001'	Last 3 bits = version number		

DATABYTE6 = Build Year DATABYTE7 = Build Week

Transmit: Bus error counter status

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 4 databytes to send

DATABYTE1 = COMMAND_BUSERROR_COUNTER_STATUS (H'DA')

DATABYTE2 = Transmit error counter

DATABYTE3 = Receive error counter

DATABYTE4 = Bus off counter

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Transmits the first part of the dimmer name:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 8 databytes to send
   DATABYTE1 = COMMAND DIMMER NAME PART1 (H'F0')
   DATABYTE2 = Dimmer bit number (B'0\overline{0}0000001')
   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 name:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 8 databytes to send
   DATABYTE1 = COMMAND_DIMMER_NAME_PART2 (H'F1')
   DATABYTE2 = Dimmer bit number (B'00000001')
   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 name:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 6 databytes to send
   DATABYTE1 = COMMAND DIMMER NAME PART3 (H'F2')
   DATABYTE2 = Dimmer bit number (B'0\overline{00000001}')
   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 H'FF'.
Transmits the first part of the local dim push button name: (Build 0819or higher)
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 8 databytes to send
   DATABYTE1 = COMMAND_PUSH_BUTTON_NAME_PART1 (H'F0')
   DATABYTE2 = Push button identifier bit (B'00010000')
   DATABYTE3 = Character 1 of the local dim push button name
   DATABYTE4 = Character 2 of the local dim push button name
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DATABYTE5 = Character 3 of the local dim push button name DATABYTE6 = Character 4 of the local dim push button name DATABYTE7 = Character 5 of the local dim push button name DATABYTE8 = Character 6 of the local dim push button name

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Transmits the second part of the local dim push button name: (Build 0819or higher)
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 8 databytes to send
   DATABYTE1 = COMMAND PUSH BUTTON NAME PART2 (H'F1')
   DATABYTE2 = Push button identifier bit (B'00010000')
   DATABYTE3 = Character 7 of the local dim push button name
   DATABYTE4 = Character 8 of the local dim push button name
   DATABYTE5 = Character 9 of the local dim push button name
   DATABYTE6 = Character 10 of the local dim push button name
   DATABYTE7 = Character 11 of the local dim push button name
   DATABYTE8 = Character 12 of the local dim push button name
Transmits the third part of the local dim push button name: (Build 0819or higher)
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 6 databytes to send
   DATABYTE1 = COMMAND_PUSH_BUTTON_NAME_PART3 (H'F2')
   DATABYTE2 = Push button identifier bit (B'00010000')
   DATABYTE3 = Character 13 of the local dim push button name
   DATABYTE4 = Character 14 of the local dim push button name
   DATABYTE5 = Character 15 of the local dim push button name
   DATABYTE6 = Character 16 of the local dim push button name
   Remarks: Unused characters contain H'FF'.
Transmits the memory data:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 4 databytes to send
   DATABYTE1 = COMMAND MEMORY DATA (H'FE')
   DATABYTE2 = High memory address (must be H'00')
   DATABYTE3 = LOW memory address (H'00'...H'FF')
   DATABYTE4 = memory data
Transmits memory data block (4 bytes) (Build 0735 or higher):
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address of the module
   RTR = 0
   DLC3...DLC0 = 4 databytes to send
   DATABYTE1 = COMMAND MEMORY DATA BLOCK (H'CC')
   DATABYTE2 = High start address of memory block (must be H'00')
   DATABYTE3 = LOW start address of memory block (H'00'...H'FC')
   DATABYTE4 = memory data1
   DATABYTE5 = memory data2
   DATABYTE6 = memory data3
   DATABYTE7 = memory data4
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'Push button status' received:
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SID10-SID9 = 00 (highest priority)

SID8...SID1 = Address of the push button module

RTR = 0

DLC3...DLC0 = 4 databytes received

DATABYTE1 = COMMAND_PUSH_BUTTON_STATUS (H'00')

DATABYTE2 = Push buttons \overline{j} ust 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 databytes received

DATABYTE1 = COMMAND SLIDER STATUS (H'0F')

DATABYTE2 = Slider channel

DATABYTE3 = Slider status (0...100%)

DATABYTE4 = Slider channel long pressed (1 = longer than 0.85s pressed)

'Clear LED' command received (Build 0819 or higher):

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address of the push button module

RTR = 0

DLC3...DLC0 = 2 databytes received

DATABYTE1 = COMMAND CLEAR LED (H'F5')

DATABYTE2 = LEDs to clear (a one clears the corresponding LED)

'Set dimvalue' command received:

SID10-SID9 = 00 (highest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 5 databytes received

DATABYTE1 = COMMAND SET DIMVALUE (H'07')

DATABYTE2 = Dimmer bit number (B'00000001')

DATABYTE3 = Dimvalue (0 to 100%)

DATABYTE4 = high byte of dimspeed

DATABYTE5 = low byte of dimspeed

Remark: [DATABYTE4][DATABYTE5] contains a 16-bit time in seconds needed for dimming from 0 to 100%. If the dimspeed parameter contains zero then the dimspeed set by the hex switches on the dimmer module is chosen. If the dimspeed parameter contains H'FFFF' then the fastest dimspeed (1.5s) is chosen.

'Set dimvalue at last used dimvalue' command received (Build 1006 or higher):

SID10-SID9 = 00 (highest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 5 databytes received

DATABYTE1 = COMMAND_RESTORE_LAST_DIMVALUE (H'11')

DATABYTE2 = Dimmer bit number (B'000000001')

DATABYTE3 = Don't care

DATABYTE4 = high byte of dimspeed

DATABYTE5 = low byte of dimspeed

Remark: [DATABYTE4][DATABYTE5] contains a 16-bit time in seconds needed for dimming from 0 to 100%. If the dimspeed parameter contains zero then the dimspeed set by the hex switches on the dimmer module is chosen. If the dimspeed parameter contains H'FFFF' then the fastest dimspeed (1.5s) is chosen.

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

SID10-SID9 = 00 (highest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 2 databytes received

DATABYTE1 = COMMAND STOP DIMMING (H'10')

DATABYTE2 = Dimmer bit number (B'00000001')

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'Start dimmer timer' command received:
   SID10-SID9 = 00 (highest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 5 databytes received
   DATABYTE1 = COMMAND START DIMMER TIMER (H'08')
   DATABYTE2 = Dimmer bit number (B'00000001')
   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 the timer starts for a time set by the hex switches on the dimmer module.
   If the time-out parameter contains H'FFxxxx' then the light switches permanently on (no time-out).
'Dimmer status request' command received:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 2 databytes received
   DATABYTE1 = COMMAND DIMMER STATUS REQUEST (H'FA')
   DATABYTE2 = Dimmer bit number (B'00000001')
'Module type request' command received:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   DLC3...DLC0 = 0 databytes received
'Bus error counter status request' command received:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 1 databytes to send
   DATABYTE1 = COMMAND BUS ERROR CONTER STATUS REQUEST (H'D9')
'Dimmer and/or dim push button name request' command received (Build 0819 or higher):
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 2 databytes received
   DATABYTE1 = COMMAND DIMMER NAME REQUEST (H'EF')
   DATABYTE2 = Dimmer and/or dim push button bit number (B'00000001': dimmer identifier)
                                                          (B'00010000': dim push button identifier)
'Read data from memory' command received:
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address set by hex switches
   RTR = 0
   DLC3...DLC0 = 3 databytes received
   DATABYTE1 = COMMAND READ DATA FROM MEMORY (H'FD')
   DATABYTE2 = High memory address (must be H'00')
   DATABYTE3 = LOW memory address (H'00'...H'FF')
'Memory dump request' command received (Build 0735 or higher):
   SID10-SID9 = 11 (lowest priority)
   SID8...SID1 = Address of the module
   RTR = 0
   DLC3...DLC0 = 1 databytes received
   DATABYTE1 = COMMAND MEMORY DUMP REQUEST (H'CB')
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'Read data block from memory' command received: (Build 0743 or higher)

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 3 databytes received

DATABYTE1 = COMMAND_READ_MEMORY_BLOCK (H'C9')

DATABYTE2 = High memory address (must be H'00')

DATABYTE3 = LOW memory address (H'00'...H'FC')

'Write data to memory' command received:

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 4 databytes received

DATABYTE1 = COMMAND WRITE DATA TO MEMORY (H'FC')

DATABYTE2 = High memory address (must be H'00')

DATABYTE3 = LOW memory address (H'00'...H'FF')

DATABYTE4 = memory data to write

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

'Write memory block' command received: (Build 0743 or higher)

SID10-SID9 = 11 (lowest priority)

SID8...SID1 = Address set by hex switches

RTR = 0

DLC3...DLC0 = 7 databytes received

DATABYTE1 = COMMAND_WRITE_MEMORY_BLOCK (H'CA')

DATABYTE2 = High memory address (must be H'00')

DATABYTE3 = LOW memory address (H'00'...H'FC')

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.

Memory map build 0743 or lower:

Address	Contents	Address	Contents
H'0000'	Push button module address	H'0001'	Clear push button 1 bit numbers
H'001A'	Push button module address	H'001B'	Clear push button 14 bit numbers
H'001C'	Push button module address	H'001D'	Set push button 1 bit numbers
H'0036'	Push button module address	H'0037'	Set push button 14 bit numbers
H'0038'	Push button module address	H'0039'	Toggle push button 1 bit numbers
H'0052'	Push button module address	H'0053'	Toggle push button 14 bit numbers
H'0054'	Push button module address	H'0055'	Dim push button 1 bit numbers
H'006E'	Push button module address	H'006F'	Dim push button 14 bit numbers
H'0070'	Slider module address	H'0071'	Slider 1 bit numbers
H'008A'	Slider module address	H'008B'	Slider 14 bit numbers
H'008C'	Push button module address	H'008D'	Dim up push button 1 bit numbers
H'00A6'	Push button module address	H'00A7'	Dim up push button 14 bit numbers
H'00A8'	Push button module address	H'00A9'	Dim down push button 1 bit numbers
H'00C2'	Push button module address	H'00C2'	Dim down push button 14 bit numbers
H'00C4'	Push button module address	H'00C5'	Atmospheric push button 1 bit numbers
H'00DE'	Push button module address	H'00DF'	Atmospheric push button 14 bit numbers
H'00E0'	Atmospheric dimvalue 1	H'00E1'	Atmospheric dimvalue 2
H'00EC'	Atmospheric dimvalue 13	H'00ED'	Atmospheric dimvalue 14
H'00EE'	Unused	H'00EF'	Unused
H'00F0'	Dimmer name character 1	H'00F1'	Dimmer name character 2
H'00FE'	Dimmer name character 15	H'00FF'	Dimmer name character 16

Remark: Unused locations contain H'FF'

Memory map build 0819 or higher:

Address	Contents	Address	Contents
H'0000'	Push button module address	H'0001'	Clear push button 1 bit numbers
H'0018'	Push button module address	H'0019'	Clear push button 13 bit numbers
H'001A'	Push button module address	H'001B'	Set push button 1 bit numbers
H'0033'	Push button module address	H'0033'	Set push button 13 bit numbers
H'0034'	Push button module address	H'0035'	Toggle push button 1 bit numbers
H'004C'	Push button module address	H'004D'	Toggle push button 13 bit numbers
H'004E'	Push button module address	H'004F'	Dim push button 1 bit numbers
H'0066'	Push button module address	H'0067'	Dim push button 13 bit numbers
H'0068'	Slider module address	H'0069'	Slider 1 bit numbers
H'0080'	Slider module address	H'0081'	Slider 13 bit numbers
H'0082'	Push button module address	H'0083	Dim up push button 1 bit numbers
H'009A'	Push button module address	H'009B'	Dim up push button 13 bit numbers
H'009C'	Push button module address	H'009D'	Dim down push button 1 bit numbers
H'00B4'	Push button module address	H'00B5'	Dim down push button 13 bit numbers
H'00B6'	Push button module address	H'00B7'	Atmospheric push button 1 bit numbers
		•••	
H'00CE'	Push button module address	H'00CF'	Atmospheric push button 13 bit numbers
H'00D0'	Atmospheric dimvalue 1	H'00E1'	Atmospheric dimvalue 2
H'00DC'	Atmospheric dimvalue 13	H'00DD'	Unused
H'00DE'	Unused	H'00DF'	Unused
H'00E0'	Local Dim push button name character 1	H'00E1'	Local Dim push button name character 2
	•		1
H'00EE'	Local Dim push button name character 15	H'00EF'	Local Dim push button name character 16
H'00F0'	Dimmer name character 1	H'00F1'	Dimmer name character 2
H'00FE'	Dimmer name character 15	H'00FF'	Dimmer name character 16

Remark: Unused locations contain H'FF'