CONVERTER STATUS	3x05051 4x05051 I:5050	0,0x0000 B:00 00			UINT16 R/O	
DIP SWITCH	3x10010 4x10010 I:10009	15,0x000F B:00 0F			UINT16 R/O	
Returns the current setting of the Dip switches. For ULTRA SLIM IOs The current value of the DIP switches: Bit 0: DIP Switch 1 (=0:OFF, =1:ON) Bit 1: DIP Switch 2 (=0:OFF, =1:ON) Bit 2: DIP Switch 3 (=0:OFF, =1:ON) Bit 3: DIP Switch 4 (=0:OFF, =1:ON)						
SOFTWARE RESET						
RESET	1x06001 2x06001 I:6000	0,0x00 B:00		N/A:NO CHANGE	BIT R/W	YES
Performs a software reset, whenever 1 is written to this register. If the host writes to this register 1, the module executes a soft reset (reboot).						
RESET	3x06001 4x06001 I:6000	0,0x0000 B:00 00		N/A:NO CHANGE	UINT16 R/W	YES
Performs a software reset, whenever 1 is written to this register. If the host writes to this register 1, the module executes a soft reset (reboot).						
PRODUCT DATA						
HW_GROUP	3x65201 4x65201 I:65200	8528,0x2150 B:21 50			UINT16 R/O	
This is the group of hardware of the current product						
SW_GROUP	3x65202 4x65202 I:65201	4096,0x1000 B:10 00			UINT16 R/O	
This is the group of software of the current product						
SW_VERSION	3x65203 4x65203 I:65202	16384,0x4000 B:40 00			UINT16 R/O	
		SW VERSION:4.0.0				
This is the cuirrent software version of the firmware						
SW_AUTHOR	3x65204 4x65204 I:65203	18771,0x4953 B:49 53			UINT16 R/O	
This is the cuirrent software author of the firmware						
MODBUS SETTINGS						
UNIT_ID	3x65222 4x65222 I:65221	65535,0xFFFF B:FF FF		N/A:NO CHANGE	UINT16 R/W	NO
		UNIT ID:255				

f the host reads this register, the current programmed unit ID is returned. All values above unit ID 255 define also the unit ID 255.
If the host write a new value into this register, the new value will be stored in the FLASH as the new unit ID. The new unit ID is activated after a power off/power on cycle or a software reboot of the module.
The host can execute a reboot in writing to the register RESET SYSTEM.
NOTE:DIP switch 4 must set to OFF to activate this unit ID, otherwise the unit ID is 255.

HINT:This settings will be active after you repower or reset your device !!

BAUD_RATE	3x65223 4x65223 I:65222	4294967295,0xFFFFFFFF B:FF FF FF FF	38400	38400	UINT32 R/W	NO
		57600Bd		ENTER BAUD RATE		

This is the current configured baud rate for DIP switch mode DIP1=ON, DIP2=ON (default is 57600bd)
DIP switch settings:
DIP1-DIP2
OFF-OFF:9600bd
ON-OFF:19200bd
OFF-ON:38400bd
ON-ON:default 57600bd or the defined baud rate

Valid baud rates are:
300bd
600bd
1200bd
2400bd
4800bd
9600bd
19200bd
38400bd
all other:57600bd

HINT:This settings will be active after you repower or reset your device !!

PARITY	3x65225 4x65225 I:65224	65535,0xFFFF B:FF FF		N/A:NO CHANGE	UINT16 R/W	NO
		NO PARITY		SELECT PARITY		

If the register is read out, the currently set parity of the serial interface is returned.
Writing a value to this register will change the new parity in FLASH. This will only take effect after a restart of the module. This can be triggered by writing to the RESET SYSTEM register.

Parity values are
0: no parity
1: even parity
2: odd parity

STOP BITS	3x65226 4x65226 I:65225	65535,0xFFFF B:FF FF		N/A:NO CHANGE	UINT16 R/W	NO
		ONE STOPBIT		SELECT STOPBITS		

f the register is read out, the currently set number of stop bits of the serial interface is returned.
Writing a value to this register will change the new number of stop bits in the FLASH. This will only take effect after a restart of the module. This can be triggered by writing to the RESET SYSTEM register.

Values for stop bits are
1: one stop bit
2: two stop bits

GET VERSION	**ASCII READ COMMAND**	#VERSION<CR> #VER<CR> Result: #VERSION:<VersionHi>,<VersionMed>,<VersionLo><CR>	ASCII	
	TX	#VERSION<CR>		
	RX	#255,VERSION:4.0.0<CR>		
		Current SW version:4.0.0		
Returns the version number of the module VersionHi: Version number high (1..255) VersionMed: Version number medium (1..255) VersionLo: Version number low (1..255)				
GET TYPE	**ASCII READ COMMAND**	#TYPE<CR> #TYP<CR> Result: #TYPE:<Type><CR>	ASCII	
	TX	#TYPE<CR>		
	RX	#255,TYPE:RESI-DALI-SIO<CR>		
		Current module type:RESI-DALI-SIO		
Returns the current module type				
GET OWNER	**ASCII READ COMMAND**	#OWNER<CR> #OWN<CR> Result: #OWNER:<Owner><CR>	ASCII	
	TX	#OWNER<CR>		
	RX	#255,OWNER:RESI<CR>		
		Current owner:RESI		
Returns the current owner of the module				
GET CREATOR	**ASCII READ COMMAND**	#CREATOR<CR> #CRE<CR> Result: #CREATOR:<Creator><CR>	ASCII	
	TX	#CREATOR<CR>		
	RX	#255,CREATOR:DI HC SIGL,MSC<CR>		
		Current creator:DI HC SIGL,MSC		
Returns the current creator of the module				
GET COPYRIGHT	**ASCII READ COMMAND**	#COPYRIGHT<CR> #COPY<CR> Result: #COPYRIGHT:<Copyright><CR>	ASCII	
	TX	#COPYRIGHT<CR>		
	RX	#255,COPYRIGHT:2016,2020 BY RESI AND DI HC SIGL,MSC WWW.RESI.CC<CR>		
		Current copyright:2016,2020 BY RESI AND DI HC SIGL,MSC WWW.RESI.CC		
Returns the current copyright of the module				

GET DIP SWITCH	**ASCII READ COMMAND**	#GET DIP<CR> #GDIP<CR> Result: #GDIP:<DIPSwitchDec>,<DIPSwitchHex><CR>	ASCII	
	TX	#GET DIP<CR>		
	RX	#255,GDIP:15,0xF<CR>		
		Current DIP SWITCH settings:1111		
Returns the current setting of the Dip switches as decimal number and as hexadecimal number. DIPSwitchDec DIPSwitchHex The current value of the DIP switches: Bit 0: DIP Switch 1 (=0:OFF, =1:ON) Bit 1: DIP Switch 2 (=0:OFF, =1:ON) Bit 2: DIP Switch 3 (=0:OFF, =1:ON) Bit 3: DIP Switch 4 (=0:OFF, =1:ON)				
ASCII COMMANDS				
SET MODBUS ADDRESS	**ASCII WRITE COMMAND**	#SET MODBUS ADDRESS:<UNITID><CR> #SETMBADR:<UNITID><CR> Result: #OK<CR>	ASCII	NO
	UNITID	1		
	TX	#SET MODBUS ADDRESS:1<CR>		
	RX	N/A		
Redefines the unit ID of the module. This change will affect the MODBUS/RTU communication immediately. As a Unit IO you can use the values 0dec to 255dec. HINT: The new settings are activated after a system reboot or power off on cycle!				
SET MODBUS BAUDRATE	**ASCII WRITE COMMAND**	#SET MODBUS BAUDRATE:<BAUD><CR> #SETMBBAUD:<BAUD><CR> Result: #OK<CR>	ASCII	NO
	BAUD	57600:57600BD		
	TX	#SET MODBUS BAUDRATE:57600<CR>		
	RX	N/A		
Sets a new baudrate for the serial interface, if DIP Switches DIP1=ON and DIP2=ON. The following baudrates are allowed: 300bd 600bd 1200bd 2400bd 4800bd 9600bd 19200bd 38400bd all others are interpreted as 57600bd HINT: The new setup parameters will be active after a restart of the module.				

SET MODBUS PARITY	**ASCII WRITE COMMAND**	#SET MODBUS PARITY:<PARITY><CR> #SETMBPAR:<PARITY><CR> Result: #OK<CR>	ASCII	NO
	PARITY	NONE:NO PARITY		
	TX	#SET MODBUS PARITY:NONE<CR>		
	RX	N/A		
Sets a new parity for the serial interface. MBParity: NONE: no parity EVEN: even parity ODD: odd parity HINT: The new setup parameters will be active after a restart of the module.				
SET MODBUS STOPS	**ASCII WRITE COMMAND**	#SET MODBUS STOP:<STOPBIT><CR> #SETMBSTOP:<STOPBIT><CR> Result: #OK<CR>	ASCII	NO
	STOPBIT	ONE:ONE STOPBIT		
	TX	#SET MODBUS STOP:ONE<CR>		
	RX	N/A		
Sets a new amount of stop bits for the serial interface. MBStops ONE: one stop bit TWO: two stop bits HINT: The new setup parameters will be active after a restart of the module.				
SET MODBUS PARAMS	**ASCII WRITE COMMAND**	#SET MODBUS PARAMS:<UNITID>,<BAUD>,<PARITY>,<STOPBIT><CR> #SETMBPARAMS:<UNITID>,<BAUD>,<PARITY>,<STOPBIT><CR> Result: #OK<CR>	ASCII	NO
	UNITID	1		
	BAUD	57600:57600BD		
	PARITY	NONE:NO PARITY		
	STOPBIT	ONE:ONE STOPBIT		
	TX	#SET MODBUS PARAMS:1,57600,NONE,ONE<CR>		
	RX	N/A		
Sets all parameters for serrial interface				
GET MODBUS ADDRESS	**ASCII READ COMMAND**	#GET MODBUS ADDRESS<CR> #GMBADR<CR> Result: #GMBADR:<MBUnitDec>,<MBFLASHDec>,<MBUnitHex>,<MBFLASHHex><CR>	ASCII	
	TX	#GET MODBUS ADDRESS<CR>		
	RX	#255,GMBADR:255,0xFF,65535,0xFFFF<CR>		
		Current MODBUS unit ID for DIP4=OFF:255,0xFF,65535,0xFFFF		

Shows the current used MODBUS/RTU or ASCII unit address and shows also the stored unit address in the FLASH memory, which is only used if the DIP switch for the bus address is set to 0.

MBUnitDec,MBUnitHex
The current used MODBUS/RTU unit or ASCII address for communication

MBFLASHDec,MBFLASHHex
The internal stored MODBUS/RTU unit address or ASCII address from the FLASH memory, if the DIP switch DIP3 is OFF.

GET MODBUS BAUDRATE	**ASCII READ COMMAND**	#GET MODBUS BAUDRATE<CR> #GMBBAUD<CR> Result: #GMBBAUD:<BaudRate><CR>	ASCII	
	TX	#GET MODBUS BAUDRATE<CR>		
	RX	#255,GMBBAUD:57600<CR>		
		Current baudrate for DIP1+2=ON:57600		

Returns the current defined baud rate for the serial interface, if DIP switches DIP1=ON and DIP2=ON.
The following baudrates are allowed:
300bd
600bd
1200bd
2400bd
4800bd
9600bd
19200bd
38400bd
all others are interpreted as 57600bd

GET MODBUS PARITY	**ASCII READ COMMAND**	#GET MODBUS PARITY<CR> #GMBPAR<CR> Result: #GMBPAR:<MBParity><CR>	ASCII	
	TX	#GET MODBUS PARITY<CR>		
	RX	#255,GMBPAR:NONE<CR>		
		Current parity:NONE		

Shows the current configured parity of the serial interface.
MBParity
NONE: no parity
EVEN: even parity
ODD: odd parity

GET MODBUS STOP	**ASCII READ COMMAND**	#GET MODBUS STOP<CR> #GMBSTOP<CR> Result: #GMBSTOP:<MBStop><CR>	ASCII	
	TX	#GET MODBUS STOP<CR>		
	RX	#255,GMBSTOP:ONE<CR>		
		Current stopbit(s):ONE		

Returns the current configured amount of stop bits for the serial interface.
MBStops
ONE: one stop bit
TWO: two stop bits

GET MODBUS PARAMS	**ASCII READ COMMAND**	#GET MODBUS PARAMS<CR> #GMBPARAMS<CR> Result: #GMBPARAMS:<MBUnitDec>,<MBFLASHDec>,<MBUnitHex>,<MBFLASHHex>, <MBBaudrateDec>,<MBBaudrateHex>,<MBParity>,<MBStops><CR>	ASCII	
	TX	#GET MODBUS PARAMS<CR>		
	RX	#255,GMBPARAMS:255,0xFF,65535,0xFFFF,57600,0xE100,NONE,ONE<CR>		
		Current MODBUS unit ID used:255		
		Current MODBUS unit ID in FLASH:65535		
		Current baudrate in FLASH:57600		
		Current parity in FLASH:NONE		
		Current stopbit(s) in FLASH:ONE		
Returns the complete settings for serial interface				
ASCII COMMANDS				
RESET	**ASCII WRITE COMMAND**	#RESET<CR> #RST<CR> Result: #OK<CR>	ASCII	NO
	TX	#RESET<CR>		
	RX	N/A		
Executes a software reset (Reboot) of the module.				
FACTORY RESET	**ASCII WRITE COMMAND**	#FACTORY RESET<CR> #FRST<CR> Result: #OK<CR>	ASCII	NO
	TX	#FACTORY RESET<CR>		
	RX	N/A		
Executes a factory reset of all parameters to default values within the module and reboots the module				

DALI BUS ERROR	1x00001 2x00001 I:0	0,0x00 B:00			BIT R/O	
		0:BUS IS OK				
Shows the status of the DALI bus. =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply						
DALI PRIORITY SLOT	3x00101 4x00101 I:100	2,0x0002 B:00 02	1	1	UINT16 R/W	NO
		Current priority slot:2->14ms				
Sets or returns the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages						
LAMP LEVEL	3x00511 4x00511 I:510	0,0x0000 B:00 00	639	50,0	UINT16 R/W	NO
			0x027F			
			LAMP	2:LAMP SHORT ADDRESS 3		
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK. Upper 8 bits:8-15:SHORTADRESS:number of the lamp to be controlled (0..63) Lower 8 bits: 0-7:VALUE:brightness value that should be send (0..254 for 0..100% and 255 for MASK)						
GROUP LEVEL	3x00521 4x00521 I:520	0,0x0000 B:00 00	383	50,0	UINT16 R/W	NO
			0x017F			
			GROUP	1:LAMP GROUP 2		
Sets for a lamp group a new brightness level between 0 and 254. 255 means MASK. Upper 8 bits:8-15:GROUP:number of the group to be controlled (0..15) Lower 8 bits:0-7:VALUE:brightness value that should be send (0..254 for 0..100% and 255 for MASK)						
ALL LEVEL	3x00531 4x00531 I:530	0,0x0000 B:00 00	127	50,0	UINT16 R/W	NO
			0x007F			
Sets for all lamps a new brightness level between 0 and 254. 255 means MASK. Upper 8 bits:8-15:Unused, always 0 Lower 8 bits:0-7:VALUE:brightness value that should be send (0..254 for 0..100% and 255 for MASK)						
LAMP COMMAND DALI 1.0	3x00512 4x00512 I:511	????	919	A0	UINT16 W/O	NO
			0x0397			
			COMMAND	97:QUERY VERSION NUMBER		
			LAMP	3:LAMP SHORT ADDRESS 4		

Sends a command to a specific lamp short address. The 16 bit value is divided into two parts:
Upper 8 bits:15-8: Short address of lamp 0..63 for lamp 1 to 64
Lower 8 bits:7-0: Command value between 0 and 255 or 0x00 and 0xFF

If you read this register, you can poll the 8 bit DALI answer. The return value is defined with:
0x8000: No answer received from the DALI bus up to now
0x20FF: A collision was detected on the DALI bus
0x00..0xFF: The 8 bit result of the last command.
HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time

LAMP COMMAND+REPEAT DALI 1.0	3x00513 4x00513 I:512	????	768	A0	UINT16 W/O	NO
			0x0300			
			COMMAND	00:OFF		
			LAMP	3:LAMP SHORT ADDRESS 4		

Sends a command twice within 100ms to a specific lamp short address. The 16 bit value is divided into two parts:
Upper 8 bits:15-8: Short address of lamp 0..63 for lamp 1 to 64
Lower 8 bits:7-0: Command value between 0 and 255 or 0x00 and 0xFF

If you read this register, you can poll the 8 bit DALI answer. The return value is defined with:
0x8000: No answer received from the DALI bus up to now
0x20FF: A collision was detected on the DALI bus
0x00..0xFF: The 8 bit result of the last command.
HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time

GROUP COMMAND DALI 1.0	3x00522 4x00522 I:521	????	151	A0	UINT16 W/O	NO
			0x0097			
			COMMAND	97:QUERY VERSION NUMBER		
			GROUP	0:LAMP GROUP 1		

Sends a command to a specific lamp group. The 16 bit value is divided into two parts:
Upper 8 bits:15-8: Group of lamp 0..15 for lamp group 1 to 16
Lower 8 bits:7-0: Command value between 0 and 255 or 0x00 and 0xFF

If you read this register, you can poll the 8 bit DALI answer. The return value is defined with:
0x8000: No answer received from the DALI bus up to now
0x20FF: A collision was detected on the DALI bus
0x00..0xFF: The 8 bit result of the last command.
HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time

GROUP COMMAND+REPEAT DALI 1.0	3x00523 4x00523 I:522	????	0	A0	UINT16 W/O	NO
			0x0000			
			COMMAND	00:OFF		
			GROUP	0:LAMP GROUP 1		

Sends a command twice within 100ms to a specific lamp group. The 16 bit value is divided into two parts:
Upper 8 bits:15-8: Group of lamp 0..15 for lamp group 1 to 16
Lower 8 bits:7-0: Command value between 0 and 255 or 0x00 and 0xFF

If you read this register, you can poll the 8 bit DALI answer. The return value is defined with:
0x8000: No answer received from the DALI bus up to now
0x20FF: A collision was detected on the DALI bus
0x00..0xFF: The 8 bit result of the last command.
HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time

ALL COMMAND DALI 1.0	3x00532 4x00532 I:531	????	151	A0	UINT16 W/O	NO
			0x0097			
			COMMAND	97:QUERY VERSION NUMBER		
Sends a command to all lamps. Only the lower 8 bits of the 16 bit value is used: Upper 8 bits:15-8: Always 0 Lower 8 bits:7-0: Command value between 0 and 255 or 0x00 and 0xFF If you read this register, you can poll the 8 bit DALI answer. The return value is defined with: 0x8000: No answer received from the DALI bus up to now 0x20FF: A collision was detected on the DALI bus 0x00..0xFF: The 8 bit result of the last command. HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time						
ALL COMMAND+REPEAT DALI 1.0	3x00533 4x00533 I:532	????	0	A0	UINT16 W/O	NO
			0x0000			
			COMMAND	00:OFF		
Sends a command twice within 100ms to all lamps. Only the lower 8 bits of the 16 bit value is used: Upper 8 bits:15-8: Always 0 Lower 8 bits:7-0: Command value between 0 and 255 or 0x00 and 0xFF If you read this register, you can poll the 8 bit DALI answer. The return value is defined with: 0x8000: No answer received from the DALI bus up to now 0x20FF: A collision was detected on the DALI bus 0x00..0xFF: The 8 bit result of the last command. HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time						
DIRECT 16 BIT COMMAND DALI 1.0	3x00542 4x00542 I:541	????	43264	A100	UINT16 W/O	NO
			0xA900			
			COMMAND	A900:COMPARE		
			V	A0		
Sends a 16 bit DALI 1.0 frame to the DALI bus line If you read this register, you can poll the 8 bit DALI answer. The return value is defined with: 0x8000: No answer received from the DALI bus up to now 0x20FF: A collision was detected on the DALI bus 0x00..0xFF: The 8 bit result of the last command. HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time						
DIRECT 16 BIT COMMAND+REPEAT DALI 1.0	3x00543 4x00543 I:542	????	41216	A100	UINT16 W/O	NO
			0xA100			
			COMMAND	A100:TERMINATE		
			V	A0		

Sends a 16 bit DALI 1.0 frame twice within 100ms to to the DALI bus line If you read this register, you can poll the 8 bit DALI answer. The return value is defined with: 0x8000: No answer received from the DALI bus up to now 0x20FF: A collision was detected on the DALI bus 0x00..0xFF: The 8 bit result of the last command. HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time						
DALI STATUS	3x00551 4x00551 I:550	3,0x0003 B:00 03			UINT16 R/O	
		Bits 0-2:Number of received bytes:3				
		Bit 4:DALI receive is active:0:NO				
		Bit 5:DALI receive error:0:NO				
		Bit 6:DALI transmit is active:0:NO				
		Bit 7:DALI transmit error:0:NO				
Converter status indication: indicates the current status of the DALI/DSI communication Bits 0-2:RXState: number of received bytes 0 as value indicates that no value is received. Under normal DALI conditions a value of 1 indicates a 8 bit feedback frame from the slave Bit 3: reserved:reserved Bit 4:RXBusy: =0: RX inactive, =1: RX active Bit 5:RXError: =0: no receiving error, =1: receiving error Bit 6:TXBusy: =0: TX inactive, =1:TX active Bit 7:TXError: =0: no sending error, =1: sending error Bits 8-15: always 0						
DALI BUS ERROR	3x00552 4x00552 I:551	0,0x0000 B:00 00			UINT16 R/O	
		0:BUS IS OK				
Shows the status of the DALI bus. =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply						
DALI RESULT DALI 1.0	3x00512 4x00512 I:511	32768,0x8000 B:80 00	1	1	UINT16 R/O	
		Last DALI answer:32768,0x8000				
Whenever you write on the modbus registers 4x00512,3x00512,I:511 4x00513,3x00513,I:512 4x00522,3x00522,I:521 4x00523,3x00523,I:522 4x00532,3x00532,I:531 4x00533,3x00533,I:532 the 8 bit DALI answer is internally stored until you read one of this registers. The return value is defined with: 0x8000: No answer received from the DALI bus up to now 0x20FF: A collision was detected on the DALI bus 0x00..0xFF: The 8 bit result of the last command. HINT: After you have read out the DALI result, the next MODBUS readout will again result in 0x8000 for no further 8 bit data! So you can only readout the result one time						
DSI VALUE	3x00501 4x00501 I:500	????	161	A1	UINT16 W/O	NO
			0x00A1			
Sends a value in DSI mode (8Bit – no addressing)						

DALI PRIORITY SLOT	3x00101 4x00101 I:100	2,0x0002 B:00 02	1	1	UINT16 R/W	NO
		Current priority slot:2->14ms				
Sets or returns the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages						
DALI 8 BIT FRAME						
DALI10 SEND 8 BIT DALI FRAME	3x10001 4x10001 I:10000	????	255	FF	UINT32 W/O	YES
Writing a 8 bit value to this register generates a 8 bit DALI/DSI value on the DALI bus						
DALI10 SEND 8 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10003 4x10003 I:10002	????	160	A0	UINT32 W/O	YES
Writing a 8 bit value to this register generates a 8 bit DALI/DSI value on the DALI bus						
DALI10 SEND 8 BIT DALI FRAME	3x10005 4x10005 I:10004	????	255	FF	UINT32R W/O	YES
Writing a 8 bit value to this register generates a 8 bit DALI/DSI value on the DALI bus						
DALI10 SEND 8 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10007 4x10007 I:10006	????	160	A0	UINT32R W/O	YES
Writing a 8 bit value to this register generates a 8 bit DALI/DSI value on the DALI bus						
DALI 16 BIT FRAME						
DALI10 SEND 16 BIT DALI FRAME	3x10011 4x10011 I:10010	????	65278	FEFE	UINT32 W/O	YES
Writing a 16 bit value to this register generates a 16 bit DALI1.0 command on the DALI bus						
DALI10 SEND 16 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10013 4x10013 I:10012	????	65024	FE00	UINT32 W/O	YES
Writing a 16 bit value to this register generates a 16 bit DALI1.0 command on the DALI bus						
DALI10 SEND 16 BIT DALI FRAME	3x10015 4x10015 I:10014	????	65278	FEFE	UINT32R W/O	YES
Writing a 16 bit value to this register generates a 16 bit DALI1.0 command on the DALI bus						
DALI10 SEND 16 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10017 4x10017 I:10016	????	65024	FE00	UINT32R W/O	YES
Writing a 16 bit value to this register generates a 16 bit DALI1.0 command on the DALI bus						
DALI 24 BIT FRAME						
DALI20 SEND 24 BIT DALI FRAME	3x10021 4x10021 I:10020	????	8946700	88840C	UINT32 W/O	YES

Writing a 24 bit value to this register generates a 24 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 24 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10023 4x10023 I:10022	????	8946701	88840D	UINT32 W/O	YES
Writing a 24 bit value to this register generates a 24 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 24 BIT DALI FRAME	3x10025 4x10025 I:10024	????	8946700	88840C	UINT32R W/O	YES
Writing a 24 bit value to this register generates a 24 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 24 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10027 4x10027 I:10026	????	8946701	88840D	UINT32R W/O	YES
Writing a 24 bit value to this register generates a 24 bit DALI2.0 frame on the DALI bus						
DALI 25 BIT eDALI FRAME – automatic redundand bit						
DALI20 SEND 25 BIT eDALI FRAME	3x10031 4x10031 I:10030	????	272742	42966	UINT32 W/O	YES
Writing a 24 bit value to this register generates out of a 24 bit eDALI command a valid 25 bit eDALI frame on the DALI bus						
DALI20 SEND 25 BIT eDALI FRAME AND REPEAT WITHIN 100ms	3x10033 4x10033 I:10032	????	272743	42967	UINT32 W/O	YES
Writing a 24 bit value to this register generates out of a 24 bit eDALI command a valid 25 bit eDALI frame on the DALI bus						
DALI20 SEND 25 BIT eDALI FRAME	3x10035 4x10035 I:10034	????	272742	42966	UINT32R W/O	YES
Writing a 24 bit value to this register generates out of a 24 bit eDALI command a valid 25 bit eDALI frame on the DALI bus						
DALI20 SEND 24 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10037 4x10037 I:10036	????	272743	42967	UINT32R W/O	YES
Writing a 24 bit value to this register generates out of a 24 bit eDALI command a valid 25 bit eDALI frame on the DALI bus						
DALI 25 BIT eDALI FRAME – user defined redundand bit						
DALI20 SEND 25 BIT eDALI FRAME	3x10041 4x10041 I:10040	????	545382	85266	UINT32 W/O	YES
Writing a 25 bit value to this register generates a 25 bit eDALI frame on the DALI bus						
DALI20 SEND 25 BIT eDALI FRAME AND REPEAT WITHIN 100ms	3x10043 4x10043 I:10042	????	545383	85267	UINT32 W/O	YES
Writing a 25 bit value to this register generates a 25 bit eDALI frame on the DALI bus						
DALI20 SEND 25 BIT eDALI FRAME	3x10045 4x10045 I:10044	????	545382	85266	UINT32R W/O	YES
Writing a 25 bit value to this register generates a 25 bit eDALI frame on the DALI bus						
DALI20 SEND 25 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10047 4x10047 I:10046	????	545383	85267	UINT32R W/O	YES
Writing a 25 bit value to this register generates a 25 bit eDALI frame on the DALI bus						

DALI 28 BIT FRAME						
DALI20 SEND 28 BIT DALI FRAME	3x10051 4x10051 I:10050	????	19088743	1234567	UINT32 W/O	YES
Writing a 28 bit value to this register generates a 28 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 28 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10053 4x10053 I:10052	????	19088744	1234568	UINT32 W/O	YES
Writing a 28 bit value to this register generates a 28 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 28 BIT DALI FRAME	3x10055 4x10055 I:10054	????	19088743	1234567	UINT32R W/O	YES
Writing a 28 bit value to this register generates a 28 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 28 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10057 4x10057 I:10056	????	19088744	1234568	UINT32R W/O	YES
Writing a 28 bit value to this register generates a 28 bit DALI2.0 frame on the DALI bus						
DALI 32 BIT FRAME						
DALI20 SEND 32 BIT DALI FRAME	3x10061 4x10061 I:10060	????	305419896	12345678	UINT32 W/O	YES
Writing a 32 bit value to this register generates a 32 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 32 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10063 4x10063 I:10062	????	305419896	12345678	UINT32 W/O	YES
Writing a 32 bit value to this register generates a 32 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 32 BIT DALI FRAME	3x10065 4x10065 I:10064	????	305419896	12345678	UINT32R W/O	YES
Writing a 32 bit value to this register generates a 32 bit DALI2.0 frame on the DALI bus						
DALI20 SEND 32 BIT DALI FRAME AND REPEAT WITHIN 100ms	3x10067 4x10067 I:10066	????	305419896	12345678	UINT32R W/O	YES
Writing a 32 bit value to this register generates a 32 bit DALI2.0 frame on the DALI bus						
DALI n BIT FRAME						
DALI20 HIGH 32 BITS DALI BUFFER FORMAT:UINT64	3x10091 4x10091 I:10090	0,0x00000000 B:00 00 00 00	0	0	UINT32 R/W	NO
This register in combination with the next one builds an 64 Bit DALI frame buffer. This buffer is used by the DALI commands below. HINT: You must write first into this register (3x10091,4x10091,I:10090) and imediately afterwards into the register (3x10092,4x10092,I:10091) to setup the 64 Bit value.						
DALI20 LOW 32 BITS DALI BUFFER FORMAT:UINT64	3x10093 4x10093 I:10092	0,0x00000000 B:00 00 00 00	272742	42966	UINT32 R/W	NO
This register in combination with the previous one builds an 64 Bit DALI frame buffer. This buffer is used by the DALI commands below. HINT: You must write first into the previous register (3x10091,4x10091,I:10090) and imediately afterwards into this register (3x10092,4x10092,I:10091) to setup the 64 Bit value.						

DALI20 LOW 32 BITS DALI BUFFER FORMAT:UINT64R	3x10095 4x10095 I:10094	0,0x00000000 B:00 00 00 00	272742	42966	UINT32R R/W	NO
This register in combination with the next one builds an 64 Bit DALI frame buffer. This buffer is used by the DALI commands below. HINT: You must write first into this register (3x10091,4x10091,I:10090) and imediately afterwards into the register (3x10092,4x10092,I:10091) to setup the 64 Bit value.						
DALI20 HIGH 32 BITS DALI BUFFER FORMAT:UINT64R	3x10097 4x10097 I:10096	0,0x00000000 B:00 00 00 00	0	0	UINT32R R/W	NO
This register in combination with the previous one builds an 64 Bit DALI frame buffer. This buffer is used by the DALI commands below. HINT: You must write first into the previous register (3x10091,4x10091,I:10090) and imediately afterwards into this register (3x10092,4x10092,I:10091) to setup the 64 Bit value.						
DALI20 SEND DALI FRAME WITH N BITS	3x10099 4x10099 I:10098	0,0x0000 B:00 00	125	24	UINT16 R/W	NO
			0x007D			
			COMMAND	125:eDALI FRAME user generation of redundand bit		
This command sends an individual DALI frame with x bits to the DALI bus. When you write a value between 1 and 64 into this register, the stored 64 bit DALI buffer will be transmitted as a DALI frame with your defined bit length.						
DALI20 SEND DALI FRAME WITH N BITS AND REPEAT COMMAND WITHIN 100ms	3x10100 4x10100 I:10099	0,0x0000 B:00 00	125	24	UINT16 R/W	NO
			0x007D			
			COMMAND	125:eDALI FRAME user generation of redundand bit		
This command sends an individual DALI frame with x bits twice within 100ms to the DALI bus. When you write a value between 1 and 64 into this register, the stored 64 bit DALI buffer will be transmitted as a DALI frame with your defined bit length twice.						

DALI LAST ANSWER COUNTER	3x10101 4x10101 I:10100	5,0x0005 B:00 05	1	1	UINT16 R/O	
		Current receive counter:5				
Returns a 16 bit counter for indicating a change in the received data: Every time the gateway receives a new DALI frame this counter will be incremented by one.						
DALI LAST ANSWER BITLENGTH	3x10102 4x10102 I:10101	24,0x0018 B:00 18	1	1	UINT16 R/O	
		Bit size of last received DALI frame:24 bits				
Indicates the DALI frame length in bits of the last received DALI frame						
DALI LAST ANSWER 64 BIT BUFFER HIGH 32 BITS	3x10103 4x10103 I:10102	0,0x00000000 B:00 00 00 00	1	1	UINT32 R/O	
Contains the upper 32 bit value of the last received 64-Bit DALI buffer						
DALI LAST ANSWER 64 BIT BUFFER LOW 32 BITS	3x10105 4x10105 I:10104	8946702,0x0088840E B:00 88 84 0E	1	1	UINT32 R/O	
		Last received 64 bit DALI frame:000000000088840E				
Contains the lower 32 bit value of the last received 64-Bit DALI buffer						
DALI LAST ANSWER 64 BIT BUFFER LOW 32 BITS	3x10107 4x10107 I:10106	8946702,0x0088840E B:84 0E 00 88	1	1	UINT32R R/O	
Contains the lower 32 bit value of the last received 64-Bit DALI buffer						
DALI LAST ANSWER 64 BIT BUFFER HIGH 32 BITS	3x10109 4x10109 I:10108	0,0x00000000 B:00 00 00 00	1	1	UINT32R R/O	
		Last received 64 bit DALI frame:000000000088840E				
Contains the upper 32 bit value of the last received 64-Bit DALI buffer						
DALI ANSWER RING PUFFER						
DALI RING PUFFER COUNTER	3x20001 4x20001 I:20000	1,0x0001 B:00 01	1	1	UINT16 R/O	
		Current receive counter:1				
Returns a 16 bit counter for indicating a change in the received data: Every time the gateway receives a new DALI frame this counter will be incremented by one.						
DALI RING PUFFER FLAGS	3x20002 4x20002 I:20001	2,0x0002 B:00 02	1	1	UINT16 R/O	
		Flags of the received DALI frame:2 -> 2:RX				
Indicates additional information for the DALI frame: =1:DALI frame was transmitted by the gateway =2:DALI frame was received by the gateway =3:DALI collision on the bus detected						
DALI RING PUFFER BITLENGTH	3x20003 4x20003 I:20002	24,0x0018 B:00 18	1	1	UINT16 R/O	
		Bit size of last received DALI frame:24 bits				

Indicates the DALI frame length in bits of the last received DALI frame						
DALI RING PUFFER DATA 32 BIT	3x20004 4x20004 I:20003	8946700,0x0088840C B:00 88 84 0C	1	1	UINT32 R/O	
		32 bit DALI frame from ring puffer:0088840C				
Contains the 32 bit value of the last received DALI frame						
DALI RING PUFFER TICKS	3x20006 4x20006 I:20005	24449,0x00005F81 B:00 00 5F 81	1	1	UINT32 R/O	
		Gap to previous DALI frame:24449ms -> 24,449s				
Contains a value in Milliseconds, which describes the gap to the previous DALI frame on the DALI bus.						
DALI RING PUFFER DATA 32 BIT	3x20008 4x20008 I:20007	8946700,0x0088840C B:84 0C 00 88	1	1	UINT32R R/O	
		32 bit DALI frame from ring puffer:0088840C				
Contains the 32 bit value of the last received DALI frame						
DALI RING PUFFER TICKS	3x20010 4x20010 I:20009	24449,0x00005F81 B:5F 81 00 00	1	1	UINT32R R/O	
		Gap to previous DALI frame:24449ms -> 24,449s				
Contains a value in Milliseconds, which describes the gap to the previous DALI frame on the DALI bus.						

DALI DT8:STATUS REGISTER	3x01101 4x01101 I:1100	0,0x0000 B:00 00	0		UINT16 R/O	
		Current value of register:0				
This register shows the actual status of the last triggered DT8 command. Wevery time you trigger a new DT8 command, internally many DALI commands are generated. Therefore you have to poll this registers to find out, if and how the last DT8 command was finished. The following values are returned: 0: No operation happened in the past 1: Last operation was successfully fiinished. The values in the registers are valid. 9999: Last operation was finished, but had errors (Timeout or no answer). 32768,0x8000: Last command is currently processed and is not finished yet.						
DALI DT8:REGISTER 1	3x01102 4x01102 I:1101	0,0x0000 B:00 00	127	127	UINT16 R/W	YES
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Usually the Arc Power is stored here as a value between 0 and 255.						
DALI DT8:REGISTER 2	3x01103 4x01103 I:1102	0,0x0000 B:00 00	1	1	UINT16 R/W	YES
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 3	3x01104 4x01104 I:1103	0,0x0000 B:00 00	2	2	UINT16 R/W	YES
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 4	3x01105 4x01105 I:1104	0,0x0000 B:00 00	3	3	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 5	3x01106 4x01106 I:1105	0,0x0000 B:00 00	4	4	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 6	3x01107 4x01107 I:1106	0,0x0000 B:00 00	5	5	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 7	3x01108 4x01108 I:1107	0,0x0000 B:00 00	6	6	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						

DALI DT8:REGISTER 8	3x01109 4x01109 I:1108	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 9	3x01110 4x01110 I:1109	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 10	3x01111 4x01111 I:1110	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 11	3x01112 4x01112 I:1111	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 12	3x01113 4x01113 I:1112	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 13	3x01114 4x01114 I:1113	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 14	3x01115 4x01115 I:1114	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 15	3x01116 4x01116 I:1115	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 16	3x01117 4x01117 I:1116	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				

This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.

DALI DT8:XY-COORDINATE						
DALI DT8:SET XY-COORDINATE AND ARC LEVEL IN DIGITS	3x01151 4x01151 I:1150	????	110	110:LAMP GROUP 11	UINT16 W/O	NO
This functions sets the arc power level and the XY coordinates as digits between 0 and 65535. Writing 0 to 63 activates this command for a specific short address of a lamp Writing 100 to 115 activates this command for a specific lamp group Writing 65535 activates a broadcast command for all lamps Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: New x coordinate in the format 0 to 65535. Calculation: DIGITS=X/65536. 65535 means MASK. Register 4x01104,3x01104,I:1103: New y coordinate in the format 0 to 65535. Calculation: DIGITS=Y/65536. 65535 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:SET XY-COORDINATE AND ARC LEVEL	3x01152 4x01152 I:1151	????	110	110:LAMP GROUP 11	UINT16 W/O	NO
This functions sets the arc power level and the XY coordinates. Writing 0 to 63 activates this command for a specific short address of a lamp Writing 100 to 115 activates this command for a specific lamp group Writing 65535 activates a broadcast command for all lamps Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: New x coordinate in the format 0 to 9999. Calculation: VALUE=X*10000. Register 4x01104,3x01104,I:1103: New y coordinate in the format 0 to 9999. Calculation: VALUE=X*10000. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:GET XY-COORDINATE AND ARC LEVEL IN DIGITS	3x01161 4x01161 I:1160	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO
This functions reads from a specific lamp the arc power level and the XY coordinates as digits between 0 and 65535 . Writing 0 to 63 activates this command for a specific short address of a lamp If the command was successful, the registers hold the following results: Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: Current x coordinate in the format 0 to 65535. Calculation: X=VALUE/65536. 65535 means MASK. Register 4x01104,3x01104,I:1103: Current y coordinate in the format 0 to 65535. Calculation: Y=VALUE/65536. 65535 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:GET XY-COORDINATE AND ARC LEVEL	3x01162 4x01162 I:1161	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO
This functions reads from a specific lamp the arc power level and the XY coordinates as digits between 0 and 65535 . Writing 0 to 63 activates this command for a specific short address of a lamp If the command was successful, the registers hold the following results: Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: Current x coordinate in the format 0 to 65535. Calculation: X=VALUE/10000. 65535 means MASK. Register 4x01104,3x01104,I:1103: Current y coordinate in the format 0 to 65535. Calculation: Y=VALUE/10000. 65535 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
Contains the lower 32 bit value of the last received 64-Bit DALI buffer						

DALI DT8:STATUS REGISTER	3x01101 4x01101 I:1100	1,0x0001 B:00 01	0		UINT16 R/O	
		Current value of register:1				
This register shows the actual status of the last triggered DT8 command. Wevery time you trigger a new DT8 command, internally many DALI commands are generated. Therefore you have to poll this registers to find out, if and how the last DT8 command was finished. The following values are returned: 0: No operation happened in the past 1: Last operation was successfully fiinished. The values in the registers are valid. 9999: Last operation was finished, but had errors (Timeout or no answer). 32768,0x8000: Last command is currently processed and is not finished yet.						
DALI DT8:REGISTER 1	3x01102 4x01102 I:1101	116,0x0074 B:00 74	127	127	UINT16 R/W	YES
		Current value of register:116				
This is an universal register for DALI device type 8 functions. Usually the Arc Power is stored here as a value between 0 and 255.						
DALI DT8:REGISTER 2	3x01103 4x01103 I:1102	0,0x0000 B:00 00	1	1	UINT16 R/W	YES
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 3	3x01104 4x01104 I:1103	254,0x00FE B:00 FE	2	2	UINT16 R/W	YES
		Current value of register:254				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 4	3x01105 4x01105 I:1104	0,0x0000 B:00 00	3	3	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 5	3x01106 4x01106 I:1105	4,0x0004 B:00 04	4	4	UINT16 R/W	NO
		Current value of register:4				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 6	3x01107 4x01107 I:1106	5,0x0005 B:00 05	5	5	UINT16 R/W	NO
		Current value of register:5				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 7	3x01108 4x01108 I:1107	6,0x0006 B:00 06	6	6	UINT16 R/W	NO
		Current value of register:6				

This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 8	3x01109 4x01109 I:1108	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 9	3x01110 4x01110 I:1109	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 10	3x01111 4x01111 I:1110	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 11	3x01112 4x01112 I:1111	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 12	3x01113 4x01113 I:1112	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 13	3x01114 4x01114 I:1113	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 14	3x01115 4x01115 I:1114	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 15	3x01116 4x01116 I:1115	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						

DALI DT8:REGISTER 16	3x01117 4x01117 I:1116	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:COLOUR TEMPERATURE Tc						
DALI DT8:SET ARC LEVEL AND COLOUR TEMPERATURE TC IN MIREK	3x01171 4x01171 I:1170	????	3	3:LAMP SHORT ADDRESS 4	UINT16 W/O	NO
This functions sets the arc power level and the colour temperature Tc for CW-WW dimmers in MIREK between 0 and 65535. Writing 0 to 63 activates this command for a specific short address of a lamp Writing 100 to 115 activates this command for a specific lamp group Writing 65535 activates a broadcast command for all lamps Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: New MIREK value for the colour temperature between 0 and 65535. Calculation: MIREK=1.000.000/KELVIN. 1 Mirek=1.000.000Kelvin, 65534 Mirek=15.25K 0 is invalid and 65535 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:SET ARC LEVEL AND COLOUR TEMPERATURE TC IN KELVIN	3x01172 4x01172 I:1171	????	3	3:LAMP SHORT ADDRESS 4	UINT16 W/O	NO
This functions sets the arc power level and the colour temperature Tc for CW-WW dimmers in KELVIN between 0 and 65535. Writing 0 to 63 activates this command for a specific short address of a lamp Writing 100 to 115 activates this command for a specific lamp group Writing 65535 activates a broadcast command for all lamps Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: New KELVIN value for the colour temperature between 0 and 65535. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:GET ARC LEVEL AND COLOUR TEMPERATURE TC IN MIREK	3x01181 4x01181 I:1180	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO
This functions returns the current power level and the current colour temperature Tc for CW-WW dimmers in MIREK between 0 and 65535. Writing 0 to 63 activates this command for a specific short address of a lamp Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: Current MIREK value for the colour temperature between 0 and 65535. Calculation: MIREK=1.000.000/KELVIN. 1 Mirek=1.000.000Kelvin, 65534 Mirek=15.25K 0 is invalid and 65535 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:GET ARC LEVEL AND COLOUR TEMPERATURE TC IN KELVIN	3x01182 4x01182 I:1181	????	3	3:LAMP SHORT ADDRESS 4	UINT16 W/O	NO
This functions returns the current arc power level and the current colour temperature Tc for CW-WW dimmers in KELVIN between 0 and 65535. Writing 0 to 63 activates this command for a specific short address of a lamp Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: Current KELVIN value for the colour temperature between 0 and 65535. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						

DALI DT8:STATUS REGISTER	3x01101 4x01101 I:1100	1,0x0001 B:00 01	0		UINT16 R/O	
		Current value of register:1				
This register shows the actual status of the last triggered DT8 command. Wevery time you trigger a new DT8 command, internally many DALI commands are generated. Therefore you have to poll this registers to find out, if and how the last DT8 command was finished. The following values are returned: 0: No operation happened in the past 1: Last operation was successfully fiinished. The values in the registers are valid. 9999: Last operation was finished, but had errors (Timeout or no answer). 32768,0x8000: Last command is currently processed and is not finished yet.						
DALI DT8:REGISTER 1	3x01102 4x01102 I:1101	116,0x0074 B:00 74	127	127	UINT16 R/W	YES
		Current value of register:116				
This is an universal register for DALI device type 8 functions. Usually the Arc Power is stored here as a value between 0 and 255.						
DALI DT8:REGISTER 2	3x01103 4x01103 I:1102	0,0x0000 B:00 00	1	1	UINT16 R/W	YES
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 3	3x01104 4x01104 I:1103	254,0x00FE B:00 FE	2	2	UINT16 R/W	YES
		Current value of register:254				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 4	3x01105 4x01105 I:1104	0,0x0000 B:00 00	3	3	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 5	3x01106 4x01106 I:1105	4,0x0004 B:00 04	4	4	UINT16 R/W	NO
		Current value of register:4				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 6	3x01107 4x01107 I:1106	5,0x0005 B:00 05	5	5	UINT16 R/W	NO
		Current value of register:5				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 7	3x01108 4x01108 I:1107	6,0x0006 B:00 06	6	6	UINT16 R/W	NO
		Current value of register:6				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						

DALI DT8:REGISTER 8	3x01109 4x01109 I:1108	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 9	3x01110 4x01110 I:1109	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 10	3x01111 4x01111 I:1110	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 11	3x01112 4x01112 I:1111	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 12	3x01113 4x01113 I:1112	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 13	3x01114 4x01114 I:1113	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 14	3x01115 4x01115 I:1114	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 15	3x01116 4x01116 I:1115	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 16	3x01117 4x01117 I:1116	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				

This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.

DALI DT8:COLOUR PRIMARY N CHANNELS 1-6						
DALI DT8:SET ARC LEVEL AND PRIMARY N CHANNEL 1	3x01191 4x01191 I:1190	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions sets the arc power level and the primary N dimming channel 1 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp
Writing 100 to 115 activates this command for a specific lamp group
Writing 65535 activates a broadcast command for all lamps

Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: New value for channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

~~HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing~~

DALI DT8:SET ARC LEVEL AND PRIMARY N CHANNELS 1-2	3x01192 4x01192 I:1191	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions sets the arc power level and the primary N dimming channels 1 to 2 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp
Writing 100 to 115 activates this command for a specific lamp group
Writing 65535 activates a broadcast command for all lamps

Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: New value for channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: New value for channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

~~HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing~~

DALI DT8:SET ARC LEVEL AND PRIMARY N CHANNELS 1-3	3x01193 4x01193 I:1192	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions sets the arc power level and the primary N dimming channels 1 to 3 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp
Writing 100 to 115 activates this command for a specific lamp group
Writing 65535 activates a broadcast command for all lamps

Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: New value for channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: New value for channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: New value for channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

~~HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing~~

DALI DT8:SET ARC LEVEL AND PRIMARY N CHANNELS 1-4	3x01194 4x01194 I:1193	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions sets the arc power level and the primary N dimming channels 1 to 4 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp
Writing 100 to 115 activates this command for a specific lamp group
Writing 65535 activates a broadcast command for all lamps

Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: New value for channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: New value for channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: New value for channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01106,3x01106,I:1105: New value for channel 4 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

~~HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing~~

DALI DT8:SET ARC LEVEL AND PRIMARY N CHANNELS 1-5	3x01195 4x01195 I:1194	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions sets the arc power level and the primary N dimming channels 1 to 5 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp
Writing 100 to 115 activates this command for a specific lamp group
Writing 65535 activates a broadcast command for all lamps

Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: New value for channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: New value for channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: New value for channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01106,3x01106,I:1105: New value for channel 4 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01107,3x01107,I:1106: New value for channel 5 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:SET ARC LEVEL AND PRIMARY N CHANNELS 1-6	3x01196 4x01196 I:1195	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions sets the arc power level and the primary N dimming channels 1 to 6 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp
Writing 100 to 115 activates this command for a specific lamp group
Writing 65535 activates a broadcast command for all lamps

Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: New value for channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: New value for channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: New value for channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01106,3x01106,I:1105: New value for channel 4 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01107,3x01107,I:1106: New value for channel 5 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01108,3x01108,I:1107: New value for channel 6 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND PRIMARY N CHANNEL 1	3x01201 4x01201 I:1200	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions returns the current arc power level and the current level of the primary N dimming channel 1 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND PRIMARY N CHANNELS 1-2	3x01202 4x01202 I:1201	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions returns the current arc power level and the current level of the primary N dimming channels 1 to 2 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: Current value of channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND PRIMARY N CHANNELS 1-3	3x01203 4x01203 I:1202	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions returns the current arc power level and the current level of the primary N dimming channels 1 to 3 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: Current value of channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: Current value of channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND PRIMARY N CHANNELS 1-4	3x01204 4x01204 I:1203	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions returns the current arc power level and the current level of the primary N dimming channels 1 to 4 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: Current value of channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: Current value of channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01106,3x01106,I:1105: Current value of channel 4 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND PRIMARY N CHANNELS 1-5	3x01205 4x01205 I:1204	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions returns the current arc power level and the current level of the primary N dimming channels 1 to 5 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: Current value of channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: Current value of channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01106,3x01106,I:1105: Current value of channel 4 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01107,3x01107,I:1106: Current value of channel 5 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND PRIMARY N CHANNELS 1-6	3x01206 4x01206 I:1205	????	10	10:LAMP SHORT ADDRESS 11	UINT16 W/O	NO

This functions returns the current arc power level and the current level of the primary N dimming channels 1 to 6 between 0 and 65535.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of channel 1 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01104,3x01104,I:1103: Current value of channel 2 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01105,3x01105,I:1104: Current value of channel 3 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01106,3x01106,I:1105: Current value of channel 4 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01107,3x01107,I:1106: Current value of channel 5 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.
Register 4x01108,3x01108,I:1107: Current value of channel 6 between 0 and 65535. 0 -> 0%, 65534 -> 100%, 65535 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:STATUS REGISTER	3x01101 4x01101 I:1100	1,0x0001 B:00 01	0		UINT16 R/O	
		Current value of register:1				
This register shows the actual status of the last triggered DT8 command. Wevery time you trigger a new DT8 command, internally many DALI commands are generated. Therefore you have to poll this registers to find out, if and how the last DT8 command was finished. The following values are returned: 0: No operation happened in the past 1: Last operation was successfully fiinished. The values in the registers are valid. 9999: Last operation was finished, but had errors (Timeout or no answer). 32768,0x8000: Last command is currently processed and is not finished yet.						
DALI DT8:REGISTER 1	3x01102 4x01102 I:1101	116,0x0074 B:00 74	127	127	UINT16 R/W	YES
		Current value of register:116				
This is an universal register for DALI device type 8 functions. Usually the Arc Power is stored here as a value between 0 and 255.						
DALI DT8:REGISTER 2	3x01103 4x01103 I:1102	0,0x0000 B:00 00	1	1	UINT16 R/W	YES
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 3	3x01104 4x01104 I:1103	254,0x00FE B:00 FE	2	2	UINT16 R/W	YES
		Current value of register:254				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 4	3x01105 4x01105 I:1104	0,0x0000 B:00 00	3	3	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 5	3x01106 4x01106 I:1105	4,0x0004 B:00 04	4	4	UINT16 R/W	NO
		Current value of register:4				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 6	3x01107 4x01107 I:1106	5,0x0005 B:00 05	5	5	UINT16 R/W	NO
		Current value of register:5				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 7	3x01108 4x01108 I:1107	6,0x0006 B:00 06	6	6	UINT16 R/W	NO
		Current value of register:6				

This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 8	3x01109 4x01109 I:1108	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 9	3x01110 4x01110 I:1109	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 10	3x01111 4x01111 I:1110	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 11	3x01112 4x01112 I:1111	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 12	3x01113 4x01113 I:1112	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 13	3x01114 4x01114 I:1113	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 14	3x01115 4x01115 I:1114	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:REGISTER 15	3x01116 4x01116 I:1115	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						

DALI DT8:REGISTER 16	3x01117 4x01117 I:1116	0,0x0000 B:00 00	65535	65.535	UINT16 R/W	NO
		Current value of register:0				
This is an universal register for DALI device type 8 functions. Depending on the DT8 function, this register stores different colour values.						
DALI DT8:RGBWAF DIMMERS						
DALI DT8:SET ARC LEVEL AND RGB COLOUR	3x01211 4x01211 I:1210	????	1	1:LAMP SHORT ADDRESS 2	UINT16 W/O	NO
This functions sets the arc power level and the RGB colours for a RGB dimmer between 0 and 255. Writing 0 to 63 activates this command for a specific short address of a lamp Writing 100 to 115 activates this command for a specific lamp group Writing 65535 activates a broadcast command for all lamps Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: New value for RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01104,3x01104,I:1103: New value for GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01105,3x01105,I:1104: New value for BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:SET ARC LEVEL AND RGBW COLOUR	3x01212 4x01212 I:1211	????	3	3:LAMP SHORT ADDRESS 4	UINT16 W/O	NO
This functions sets the arc power level and the RGB+WHITE colours for a RGBW dimmer between 0 and 255. Writing 0 to 63 activates this command for a specific short address of a lamp Writing 100 to 115 activates this command for a specific lamp group Writing 65535 activates a broadcast command for all lamps Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: New value for RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01104,3x01104,I:1103: New value for GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01105,3x01105,I:1104: New value for BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01106,3x01106,I:1105: New value for WHITE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:SET ARC LEVEL AND RGBWA COLOUR	3x01213 4x01213 I:1212	????	3	3:LAMP SHORT ADDRESS 4	UINT16 W/O	NO
This functions sets the arc power level and the RGB+WHITE+AMBER colours for a RGBWA dimmer between 0 and 255. Writing 0 to 63 activates this command for a specific short address of a lamp Writing 100 to 115 activates this command for a specific lamp group Writing 65535 activates a broadcast command for all lamps Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK. Register 4x01103,3x01103,I:1102: New value for RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01104,3x01104,I:1103: New value for GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01105,3x01105,I:1104: New value for BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01106,3x01106,I:1105: New value for WHITE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. Register 4x01107,3x01107,I:1106: New value for AMBER between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK. HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing						
DALI DT8:SET ARC LEVEL AND RGBWAF COLOUR	3x01214 4x01214 I:1213	????	3	3:LAMP SHORT ADDRESS 4	UINT16 W/O	NO

This functions sets the arc power level and the RGB+WHITE+AMBER+FREECOLOUR colours for a RGBWA dimmer between 0 and 255.
Writing 0 to 63 activates this command for a specific short address of a lamp
Writing 100 to 115 activates this command for a specific lamp group
Writing 65535 activates a broadcast command for all lamps

Register 4x01102,3x01102,I:1101: New arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: New value for RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01104,3x01104,I:1103: New value for GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01105,3x01105,I:1104: New value for BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01106,3x01106,I:1105: New value for WHITE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01107,3x01107,I:1106: New value for AMBER between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01108,3x01108,I:1107: New value for FREECOLOUR between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND RGB COLOUR	3x01221 4x01221 I:1220	????	1	1:LAMP SHORT ADDRESS 2	UINT16 W/O	YES

This functions sets the current arc power level and the current RGB colours for a RGB dimmer between 0 and 255.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01104,3x01104,I:1103: Current value of GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01105,3x01105,I:1104: Current value of BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND RGBW COLOUR	3x01222 4x01222 I:1221	????	1	1:LAMP SHORT ADDRESS 2	UINT16 W/O	YES

This functions sets the current arc power level and the current RGB+WHITE colours for a RGBW dimmer between 0 and 255.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01104,3x01104,I:1103: Current value of GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01105,3x01105,I:1104: Current value of BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01106,3x01106,I:1105: Current value of WHITE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND RGBWA COLOUR	3x01223 4x01223 I:1222	????	1	1:LAMP SHORT ADDRESS 2	UINT16 W/O	YES

This functions sets the current arc power level and the current RGB+WHITE+AMBER colours for a RGBW dimmer between 0 and 255.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01104,3x01104,I:1103: Current value of GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01105,3x01105,I:1104: Current value of BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01106,3x01106,I:1105: Current value of WHITE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01107,3x01107,I:1106: Current value of AMBER between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI DT8:GET ARC LEVEL AND RGBWAF COLOUR	3x01224 4x01224 I:1223	????	1	1:LAMP SHORT ADDRESS 2	UINT16 W/O	YES

This functions sets the current arc power level and the current RGB+WHITE+AMBER+FREECOLOUR colours for a RGBW dimmer between 0 and 255.
Writing 0 to 63 activates this command for a specific short address of a lamp

Register 4x01102,3x01102,I:1101: Current arc power level between 0 and 254, 255 means MASK.
Register 4x01103,3x01103,I:1102: Current value of RED between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01104,3x01104,I:1103: Current value of GREEN between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01105,3x01105,I:1104: Current value of BLUE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01106,3x01106,I:1105: Current value of WHITE between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01107,3x01107,I:1106: Current value of AMBER between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.
Register 4x01108,3x01108,I:1107: Current value of FREEECOLOUR between 0 and 255. 0 -> 0%, 254 -> 100%, 255 means MASK.

HINT:Check the status register 4x01101,3x01101,I:1100 for the current status of the internal command processing

DALI BUS ERROR	**ASCII READ COMMAND**	#DALI BUS ERROR<CR> #DBERR<CR> Result: #DBERR:<BusErrDec>,<BusErrHex><CR>	ASCII	
	TX	#DALI BUS ERROR<CR>		
	RX	#255,DBERR:0,0x0<CR>		
		0:BUS IS OK		
Shows the status of the DALI bus. BusErrDec,BusErrHex: =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply				
SET PRIORITY SLOT	**ASCII WRITE COMMAND**	#SET PRIORITY SLOT:<SLOT><CR> #SPS:<SLOT><CR> Result: #OK<CR>	ASCII	NO
	SLOT	3		
	TX	#SET PRIORITY SLOT:3<CR>		
	RX	N/A		
This command defines the DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
GET PRIORITY SLOT	**ASCII READ COMMAND**	#GET PRIORITY SLOT<CR> #GPS<CR> Result: #GPS:<PrioritySlotDec>,<PrioritySlotHex><CR>	ASCII	
	TX	#GET PRIORITY SLOT<CR>		
	RX	#255,GPS:2,0x2<CR>		
		Current priority slot:2->14ms		
This command shows the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
LAMP LEVEL	**ASCII WRITE COMMAND**	#LAMP LEVEL:<LAMP>=<LEVEL><CR> #LAMP LEVEL:<LAMP>,<LEVEL><CR> #LL:<LAMP>,<LEVEL><CR> Result: #OK<CR>	ASCII	NO
	LAMP	2:LAMP SHORT ADDRESS 3		
	LEVEL	100,0		
	TX	#LAMP LEVEL:2=254<CR>		
	RX	N/A		
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK.				

GROUP LEVEL	**ASCII WRITE COMMAND**	#GROUP LEVEL:<GROUP>=<LEVEL><CR> #GROUP LEVEL:<GROUP>,<LEVEL><CR> #GL:<GROUP>,<LEVEL><CR> Result: #OK<CR>	ASCII	YES
	GROUP	8:LAMP GROUP 9		
	LEVEL	100,0		
	TX	#GROUP LEVEL:8=254<CR>		
	RX	#255,OK<CR>		
Sets for a lamp group a new brightness level between 0 and 254. 255 means MASK.				
ALL LEVEL	**ASCII WRITE COMMAND**	#ALL LEVEL:<LEVEL><CR> #ALL LEVEL:<LEVEL><CR> #AL:<LEVEL><CR> Result: #OK<CR>	ASCII	YES
	LEVEL	100,0		
	TX	#ALL LEVEL:254<CR>		
	RX	#255,OK<CR>		
Sets for all lamps a new brightness level between 0 and 254. 255 means MASK.				
DALI 1.0 RESET FOR LAMP	**ASCII WRITE COMMAND**	#LAMP RESET":<LAMP><CR> #LRESET:<LAMP><CR> Result #OK<CR>	ASCII	YES
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP RESET":5<CR>		
	RX	#255,OK<CR>		
Sends the selected DALI1.0 command RESET twice between 100ms to the selected lamp				
DALI 1.0 RESET FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP RESET:<GROUP><CR> #GRESET:<GROUP><CR> Result #OK<CR>	ASCII	YES
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP RESET:8<CR>		
	RX	#255,OK<CR>		
Sends the selected DALI1.0 command RESET twice between 100ms to the selected lamp group				
DALI 1.0 RESET FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL RESET<CR> #ARESET<CR> Result #OK<CR>	ASCII	NO
	TX	#ALL RESET<CR>		
	RX	N/A		
Sends the selected DALI1.0 command RESET twice between 100ms to all lamps				
DALI 1.0 COMMAND FOR LAMP	**ASCII WRITE COMMAND**	#LAMP OFF:<LAMP><CR> #LOF:<LAMP><CR> Result #OK<CR>	ASCII	YES
	COMMAND	OFF:OF		

	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP OFF:5<CR>		
	RX	#255,OK<CR>		
Sends the selected DALI1.0 command to the selected lamp				
Available DALI commands: OFF,OF-UP,UP-DOWN,DO-STEP UP,SUP-STEP DOWN,SDO-RECALL MAX LEVEL,RMAXL-RECALL MIN LEVEL,RMINL-STEP DOWN AND OFF,SDOO-ON AND STEP UP,OSUP-ENABLE DAPC SEQUENCE,EDAPCS-GOTO LAST ACTIVE LEVEL,GLAL				
Available DALI commands which are repeated twice within 100ms: RESET,RESET-STORE ACTUAL LEVEL IN DTR,SALD-STORE DTR AS MAX LEVEL,SDMAXL-STORE DTR AS MIN LEVEL,SDMINL-STORE DTR AS SYSTEM FAILURE LEVEL,SDSFL-STORE DTR AS POWER ON LEVEL,SDPOL-STORE DTR AS FADE TIME,SDFT-STORE DTR AS FADE RATE,SDFR-STIORE DTR AS SHORT ADDRESS,SDSA-ENABLE WRITE MEMORY,EWM				
Available DALI commands for queries: QUERY STATUS,QS-QUERY CONTROL GEAR,QCG-QUERY LAMP FAILURE,QLF-QUERY LAMP POWER ON,QLPO-QUERY LIMIT ERROR,QLE-QUERY RESET STATE,QRS-QUERY MISSING SHORT ADDRESS,QMSA-QUERY VERSION NUMBER,QVN-QUERY CONTENT DTR,QCD-QUERY DEVICE TYPE,QDT-QUERY PHYSICAL MINIMUM LEVEL,QPMINL-QUERY POWER FAILURE,QPF-QUERY CONTENT DTR1,QCD1-QUERY CONTENT DTR2,QCD2-QUERY ACTUAL LEVEL,QAL-QUERY MAX LEVEL,QMAXL-QUERY MIN LEVEL,QMINL-QUERY POWER ON LEVEL,QPOL-QUERY SYSTEM FAILURE LEVEL,QSFL-QUERY FADE TIME FADE RATE,QFTFR-QUERY GROUPS 0-7,QG07-QUERY GROUPS 8-15,QG815-QUERY RANDOM ADDRESS H,QRAH-QUERY RANDOM ADDRESS M,QRAM-QUERY RANDOM ADDRESS L,QRAL-READ MEMORY LOCATION,RML-QUERY EXTENDED VERSION NUMBER,QEVN				
DALI 1.0 COMMAND FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP RESET:<GROUP><CR> #GRESET:<GROUP><CR> Result #OK<CR>	ASCII	YES
	COMMAND	RESET:RESET		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP RESET:8<CR>		
	RX	#255,OK<CR>		
Sends the selected DALI1.0 command to the selected group of lamps				
Available DALI commands: OFF,OF-UP,UP-DOWN,DO-STEP UP,SUP-STEP DOWN,SDO-RECALL MAX LEVEL,RMAXL-RECALL MIN LEVEL,RMINL-STEP DOWN AND OFF,SDOO-ON AND STEP UP,OSUP-ENABLE DAPC SEQUENCE,EDAPCS-GOTO LAST ACTIVE LEVEL,GLAL				
Available DALI commands which are repeated twice within 100ms: RESET,RESET-STORE ACTUAL LEVEL IN DTR,SALD-STORE DTR AS MAX LEVEL,SDMAXL-STORE DTR AS MIN LEVEL,SDMINL-STORE DTR AS SYSTEM FAILURE LEVEL,SDSFL-STORE DTR AS POWER ON LEVEL,SDPOL-STORE DTR AS FADE TIME,SDFT-STORE DTR AS FADE RATE,SDFR-STIORE DTR AS SHORT ADDRESS,SDSA-ENABLE WRITE MEMORY,EWM				
Available DALI commands for queries: QUERY STATUS,QS-QUERY CONTROL GEAR,QCG-QUERY LAMP FAILURE,QLF-QUERY LAMP POWER ON,QLPO-QUERY LIMIT ERROR,QLE-QUERY RESET STATE,QRS-QUERY MISSING SHORT ADDRESS,QMSA-QUERY VERSION NUMBER,QVN-QUERY CONTENT DTR,QCD-QUERY DEVICE TYPE,QDT-QUERY PHYSICAL MINIMUM LEVEL,QPMINL-QUERY POWER FAILURE,QPF-QUERY CONTENT DTR1,QCD1-QUERY CONTENT DTR2,QCD2-QUERY ACTUAL LEVEL,QAL-QUERY MAX LEVEL,QMAXL-QUERY MIN LEVEL,QMINL-QUERY POWER ON LEVEL,QPOL-QUERY SYSTEM FAILURE LEVEL,QSFL-QUERY FADE TIME FADE RATE,QFTFR-QUERY GROUPS 0-7,QG07-QUERY GROUPS 8-15,QG815-QUERY RANDOM ADDRESS H,QRAH-QUERY RANDOM ADDRESS M,QRAM-QUERY RANDOM ADDRESS L,QRAL-READ MEMORY LOCATION,RML-QUERY EXTENDED VERSION NUMBER,QEVN				
DALI 1.0 COMMAND FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL RESET<CR> #ARESET<CR> Result #OK<CR>	ASCII	NO
	COMMAND	RESET:RESET		
	TX	#ALL RESET<CR>		
	RX	N/A		
Sends the selected DALI1.0 command to all lamps				

Available DALI commands: OFF,OF-UP,UP-DOWN,DO-STEP UP,SUP-STEP DOWN,SDO-RECALL MAX LEVEL,RMAXL-RECALL MIN LEVEL,RMINL-STEP DOWN AND OFF,SDOO-ON AND STEP UP,OSUP-ENABLE DAPC SEQUENCE,EDAPCS-GOTO LAST ACTIVE LEVEL,GLAL				
Available DALI commands which are repeated twice within 100ms: RESET,RESET-STORE ACTUAL LEVEL IN DTR,SALD-STORE DTR AS MAX LEVEL,SDMAXL-STORE DTR AS MIN LEVEL,SDMINL-STORE DTR AS SYSTEM FAILURE LEVEL,SDSFL-STORE DTR AS POWER ON LEVEL,SDPOL-STORE DTR AS FADE TIME,SDFT-STORE DTR AS FADE RATE,SDFR-STIORE DTR AS SHORT ADDRESS,SDSA-ENABLE WRITE MEMORY,EWM				
Available DALI commands for queries: QUERY STATUS,QS-QUERY CONTROL GEAR,QCG-QUERY LAMP FAILURE,QLF-QUERY LAMP POWER ON,QLPO-QUERY LIMIT ERROR,QLE-QUERY RESET STATE,QRS-QUERY MISSING SHORT ADDRESS,QMSA-QUERY VERSION NUMBER,QVN-QUERY CONTENT DTR,QCD-QUERY DEVICE TYPE,QDT-QUERY PHYSICAL MINIMUM LEVEL,QPMINL-QUERY POWER FAILURE,QPF-QUERY CONTENT DTR1,QCD1-QUERY CONTENT DTR2,QCD2-QUERY ACTUAL LEVEL,QAL-QUERY MAX LEVEL,QMAXL-QUERY MIN LEVEL,QMINL-QUERY POWER ON LEVEL,QPOL-QUERY SYSTEM FAILURE LEVEL,QSFL-QUERY FADE TIME FADE RATE,QFTFR-QUERY GROUPS 0-7,QG07-QUERY GROUPS 8-15,QG815-QUERY RANDOM ADDRESS H,QRAH-QUERY RANDOM ADDRESS M,QRAM-QUERY RANDOM ADDRESS L,QRAL-READ MEMORY LOCATION,RML-QUERY EXTENDED VERSION NUMBER,QEVN				
DALI 1.0 SCENE COMMAND FOR LAMP	**ASCII WRITE COMMAND**	#LAMP GOTO SCENE:<LAMP>=<SCENE><CR> #LAMP GOTO SCENE:<LAMP>,<SCENE><CR> #LGS:<LAMP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	7:SCENE 8(7)		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP GOTO SCENE:5=7<CR>		
	RX	#255,OK<CR>		
Activates the choosen DALI 1.0 scene on the selected lamp				
DALI 1.0 SCENE COMMAND FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP GOTO SCENE:<GROUP>=<SCENE><CR> #GROUP GOTO SCENE:<GROUP>,<SCENE><CR> #GGS:<GROUP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	6:SCENE 7(6)		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP GOTO SCENE:8=6<CR>		
	RX	#255,OK<CR>		
Activates the choosen DALI 1.0 scene on the selected lamp group				
DALI 1.0 SCENE COMMAND FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL GOTO SCENE:<SCENE><CR> #AGS:<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	1:SCENE 2(1)		
	TX	#ALL GOTO SCENE:1<CR>		
	RX	#255,OK<CR>		
Activates the choosen DALI 1.0 scene on all lamps				
DALI 1.0 STORE DTR AS SCENE FOR LAMP	**ASCII WRITE COMMAND**	#LAMP STORE DTR AS SCENE:<LAMP>=<SCENE><CR> #LAMP STORE DTR AS SCENE:<LAMP>,<SCENE><CR> #LSDS:<LAMP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	7:SCENE 8(7)		

	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP STORE DTR AS SCENE:5=7<CR>		
	RX	#255,OK<CR>		
Saves the current value of the DTR for the DALI 1.0 scene X in the selected lamp				
DALI 1.0 STORE DTR AS SCENE FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP STORE DTR AS SCENE:<GROUP>=<SCENE><CR> #GROUP STORE DTR AS SCENE:<GROUP>,<SCENE><CR> #GSDS:<GROUP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	6:SCENE 7(6)		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP STORE DTR AS SCENE:8=6<CR>		
	RX	#255,OK<CR>		
Saves the current value of the DTR for the DALI 1.0 scene X in the selected lamp group				
DALI 1.0 STORE DTR AS SCENE FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL STORE DTR AS SCENE:<SCENE><CR> #ASDS:<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	1:SCENE 2(1)		
	TX	#ALL STORE DTR AS SCENE:1<CR>		
	RX	#255,OK<CR>		
Saves the current value of the DTR for the DALI 1.0 scene X for all lamps				
DALI 1.0 REMOVE FROM SCENE FOR LAMP	**ASCII WRITE COMMAND**	#LAMP REMOVE FROM SCENE:<LAMP>=<SCENE><CR> #LAMP REMOVE FROM SCENE:<LAMP>,<SCENE><CR> #LRFS:<LAMP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	7:SCENE 8(7)		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP REMOVE FROM SCENE:5=7<CR>		
	RX	#255,OK<CR>		
The selected DALI 1.0 scene X is removed in the selected lamp. The value MASK(255) ist stored in the scene.				
DALI 1.0 REMOVE FROM SCENE FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP REMOVE FROM SCENE:<GROUP>=<SCENE><CR> #GROUP REMOVE FROM SCENE:<GROUP>,<SCENE><CR> #GRFS:<GROUP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	6:SCENE 7(6)		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP REMOVE FROM SCENE:8=6<CR>		
	RX	#255,OK<CR>		
The selected DALI 1.0 scene X is removed in the selected lamp group. The value MASK(255) ist stored in the scene.				
DALI 1.0 REMOVE FROM SCENE FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL REMOVE FROM SCENE:<SCENE><CR> #ARFS:<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	1:SCENE 2(1)		

	TX	#ALL REMOVE FROM SCENE:1<CR>		
	RX	#255,OK<CR>		
The selected DALI 1.0 scene X is removed in all lamps. The value MASK(255) ist stored in the scene.				
DALI 1.0 QUERY SCENE LEVEL FOR LAMP	**ASCII WRITE COMMAND**	#LAMP QUERY SCENE LEVEL:<LAMP>=<SCENE><CR> #LAMP QUERY SCENE LEVEL:<LAMP>,<SCENE><CR> #LQSL:<LAMP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	7:SCENE 8(7)		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP QUERY SCENE LEVEL:5=7<CR>		
	RX	#255,OK:9,99,0x63<CR>		
The current arc power of the selected DALI 1.0 scene X is queried from the selected lamp.				
DALI 1.0 QUERY SCENE LEVEL FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP QUERY SCENE LEVEL:<GROUP>=<SCENE><CR> #GROUP QUERY SCENE LEVEL:<GROUP>,<SCENE><CR> #GQSL:<GROUP>,<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	6:SCENE 7(6)		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP QUERY SCENE LEVEL:8=6<CR>		
	RX	#255,OK:9,99,0x63<CR>		
The current arc power of the selected DALI 1.0 scene X is queried from the selected lamp group.				
DALI 1.0 QUERY SCENE LEVEL FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL QUERY SCENE LEVEL:<SCENE><CR> #AQSL:<SCENE><CR> Result: #OK<CR>	ASCII	YES
	SCENE	1:SCENE 2(1)		
	TX	#ALL QUERY SCENE LEVEL:1<CR>		
	RX	#255,OK:9,99,0x63<CR>		
The current arc power of the selected DALI 1.0 scene X is queried from all lamps.				
DALI 1.0 ADD TO GROUP FOR LAMP	**ASCII WRITE COMMAND**	#LAMP ADD TO GROUP:<LAMP>=<NEWGROUP><CR> #LAMP ADD TO GROUP:<LAMP>,<NEWGROUP><CR> #LATG:<LAMP>,<NEWGROUP><CR> Result: #OK<CR>	ASCII	YES
	NEWGROUP	8:LAMP GROUP 9		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP ADD TO GROUP:5=8<CR>		
	RX	#255,OK<CR>		
The selected lamp is added to the DALI 1.0 group x				
DALI 1.0 ADD TO GROUP FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP ADD TO GROUP:<GROUP>=<NEWGROUP><CR> #GROUP ADD TO GROUP:<GROUP>,<NEWGROUP><CR> #GATG:<GROUP>,<NEWGROUP><CR> Result: #OK<CR>	ASCII	YES
	NEWGROUP	8:LAMP GROUP 9		

	GROUP	8:LAMP GROUP 9		
	TX	#GROUP ADD TO GROUP:8=8<CR>		
	RX	#255,OK<CR>		
The selected group of lamps are added to the DALI 1.0 group x				
DALI 1.0 ADD TO GROUP FOR ALL LAMPS	**ASCII** **WRITE** **COMMAND**	#ALL ADD TO GROUP:<NEWGROUP><CR> #AATG:<NEWGROUP><CR> Result: #OK<CR>	ASCII	YES
	NEWGROUP	8:LAMP GROUP 9		
	TX	#ALL ADD TO GROUP:8<CR>		
	RX	#255,OK<CR>		
All lamps are added to the DALI 1.0 group x				
DALI 1.0 REMOVE FROM GROUP FOR LAMP	**ASCII** **WRITE** **COMMAND**	#LAMP REMOVE FROM GROUP:<LAMP>=<NEWGROUP><CR> #LAMP REMOVE FROM GROUP:<LAMP>,<NEWGROUP><CR> #LRFG:<LAMP>,<NEWGROUP><CR> Result: #OK<CR>	ASCII	YES
	NEWGROUP	8:LAMP GROUP 9		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP REMOVE FROM GROUP:5=8<CR>		
	RX	#255,OK<CR>		
The selected lamp is deleted from the DALI 1.0 group x				
DALI 1.0 REMOVE FROM GROUP FOR LAMP GROUP	**ASCII** **WRITE** **COMMAND**	#GROUP REMOVE FROM GROUP:<GROUP>=<NEWGROUP><CR> #GROUP REMOVE FROM GROUP:<GROUP>,<NEWGROUP><CR> #GRFG:<GROUP>,<NEWGROUP><CR> Result: #OK<CR>	ASCII	YES
	NEWGROUP	8:LAMP GROUP 9		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP REMOVE FROM GROUP:8=8<CR>		
	RX	#255,OK<CR>		
All lamps of the selected group are deleted from the DALI 1.0 group x				
DALI 1.0 REMOVE FROM GROUP FOR ALL LAMPS	**ASCII** **WRITE** **COMMAND**	#ALL REMOVE FROM GROUP:<NEWGROUP><CR> #ARFG:<NEWGROUP><CR> Result: #OK<CR>	ASCII	YES
	NEWGROUP	8:LAMP GROUP 9		
	TX	#ALL REMOVE FROM GROUP:8<CR>		
	RX	#255,OK<CR>		
All lamps are deleted from the DALI 1.0 group x				
DALI 1.0 COMMAND FOR LAMP WITH ANSWER	**ASCII** **WRITE** **COMMAND**	#LAMP COMMAND ANSWER:<LAMP>=<COMMAND><CR> #LAMP COMMAND ANSWER:<LAMP>,<COMMAND><CR> #LCMDA:<LAMP>,<COMMAND><CR> Result: #OK:<Flags>,<ResultDec>,<ResultHex><CR>	ASCII	YES
	COMMAND	0x90		
	LAMP	5:LAMP SHORT ADDRESS 6		

	TX	#LAMP COMMAND ANSWER:5=0x90<CR>		
	RX	#255,OK:1,36,0x24<CR>		

Sends the entered DALI 1.0 command to the selected lamp and waits for an DALI answer.
If there is an DALI answer, ReturnDec and ReturnHex represent the DALI answer value andf Flags singnals the type of answer:
8-Bit DALI answer: 1
16-Bit DALI answer: 2
24-Bit DALI answer: 3
25-Bit DALI answer: 4
28-Bit DALI answer: 5
32-Bit DALI answer: 6
Bus collision: 1 and ResultHex is 0x20FF

If no DALI answer is received and a timeout occurs: Flags will be 9, ResultDec is 99 and ResultHex is 0x63

DALI 1.0 COMMAND FOR LAMP GROUP WITH ANSWER	**ASCII WRITE COMMAND**	#GROUP COMMAND ANSWER:<GROUP>=<COMMAND><CR> #GROUP COMMAND ANSWER:<GROUP>,<COMMAND><CR> #GCMDA:<GROUP>,<COMMAND><CR> Result: #OK:<Flags>,<ResultDec>,<ResultHex><CR>	ASCII	YES
	COMMAND	0x90		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP COMMAND ANSWER:8=0x90<CR>		
	RX	#255,OK:9,99,0x63<CR>		

Sends the entered DALI 1.0 command to the selected lamp group and waits for an DALI answer.
If there is an DALI answer, ReturnDec and ReturnHex represent the DALI answer value andf Flags singnals the type of answer:
8-Bit DALI answer: 1
16-Bit DALI answer: 2
24-Bit DALI answer: 3
25-Bit DALI answer: 4
28-Bit DALI answer: 5
32-Bit DALI answer: 6
Bus collision: 1 and ResultHex is 0x20FF

If no DALI answer is received and a timeout occurs: Flags will be 9, ResultDec is 99 and ResultHex is 0x63

DALI 1.0 COMMAND FOR ALL LAMPS WITH ANSWER	**ASCII WRITE COMMAND**	#ALL COMMAND ANSWER:<COMMAND><CR> #ACMDA:<COMMAND><CR> Result: #OK:<Flags>,<ResultDec>,<ResultHex><CR>	ASCII	YES
	COMMAND	0x01		
	TX	#ALL COMMAND ANSWER:0x01<CR>		
	RX	#255,OK:9,99,0x63<CR>		

Sends the entered DALI 1.0 command to all lamps and waits for an DALI answer.
If there is an DALI answer, ReturnDec and ReturnHex represent the DALI answer value andf Flags singnals the type of answer:
8-Bit DALI answer: 1
16-Bit DALI answer: 2
24-Bit DALI answer: 3
25-Bit DALI answer: 4
28-Bit DALI answer: 5
32-Bit DALI answer: 6
Bus collision: 1 and ResultHex is 0x20FF

If no DALI answer is received and a timeout occurs: Flags will be 9, ResultDec is 99 and ResultHex is 0x63

DALI 1.0 COMMAND+REPEAT FOR LAMP WITH ANSWER	**ASCII** **WRITE** **COMMAND**	#LAMP COMMAND REPEAT ANSWER:<LAMP>=<COMMAND><CR> #LAMP COMMAND REPEAT ANSWER:<LAMP>,<COMMAND><CR> #LCMDRA:<LAMP>,<COMMAND><CR> Result: #OK:<Flags>,<ResultDec>,<ResultHex><CR>	ASCII	YES
	COMMAND	0x01		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP COMMAND REPEAT ANSWER:5=0x01<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the entered DALI 1.0 command to the selected lamp and repeats the command within 100ms and waits for an DALI answer. If there is an DALI answer, ReturnDec and ReturnHex represent the DALI answer value andf Flags singnals the type of answer: 8-Bit DALI answer: 1 16-Bit DALI answer: 2 24-Bit DALI answer: 3 25-Bit DALI answer: 4 28-Bit DALI answer: 5 32-Bit DALI answer: 6 Bus collision: 1 and ResultHex is 0x20FF If no DALI answer is received and a timeout occurs: Flags will be 9, ResultDec is 99 and ResultHex is 0x63				
DALI 1.0 COMMAND+REPEAT FOR LAMP GROUP WITH ANSWER	**ASCII** **WRITE** **COMMAND**	#GROUP COMMAND REPEAT ANSWER:<GROUP>=<COMMAND><CR> #GROUP COMMAND REPEAT ANSWER:<GROUP>,<COMMAND><CR> #GCMDRA:<GROUP>,<COMMAND><CR> Result: #OK:<Flags>,<ResultDec>,<ResultHex><CR>	ASCII	YES
	COMMAND	0x01		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP COMMAND REPEAT ANSWER:8=0x01<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the entered DALI 1.0 command to the selected lamp group and repeats the command within 100ms and waits for an DALI answer. If there is an DALI answer, ReturnDec and ReturnHex represent the DALI answer value andf Flags singnals the type of answer: 8-Bit DALI answer: 1 16-Bit DALI answer: 2 24-Bit DALI answer: 3 25-Bit DALI answer: 4 28-Bit DALI answer: 5 32-Bit DALI answer: 6 Bus collision: 1 and ResultHex is 0x20FF If no DALI answer is received and a timeout occurs: Flags will be 9, ResultDec is 99 and ResultHex is 0x63				
DALI 1.0 COMMAND+REPEAT FOR ALL LAMPS WITH ANSWER	**ASCII** **WRITE** **COMMAND**	#ALL COMMAND REPEAT ANSWER:<COMMAND><CR> #ACMDRA:<COMMAND><CR> Result: #OK:<Flags>,<ResultDec>,<ResultHex><CR>	ASCII	YES
	COMMAND	0x01		
	TX	#ALL COMMAND REPEAT ANSWER:0x01<CR>		
	RX	#255,OK:9,99,0x63<CR>		

Sends the entered DALI 1.0 command to all lamps and repeats the command within 100ms and waits for an DALI answer. If there is an DALI answer, ReturnDec and ReturnHex represent the DALI answer value andf Flags singnals the type of answer: 8-Bit DALI answer: 1 16-Bit DALI answer: 2 24-Bit DALI answer: 3 25-Bit DALI answer: 4 28-Bit DALI answer: 5 32-Bit DALI answer: 6 Bus collision: 1 and ResultHex is 0x20FF If no DALI answer is received and a timeout occurs: Flags will be 9, ResultDec is 99 and ResultHex is 0x63				
DALI 1.0 COMMAND FOR LAMP	**ASCII** **WRITE** **COMMAND**	#LAMP COMMAND:<LAMP>=<COMMAND><CR> #LAMP COMMAND:<LAMP>,<COMMAND><CR> #LCMD:<LAMP>,<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x01		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP COMMAND:5=0x01<CR>		
	RX	#255,OK<CR>		
Sends the entered DALI 1.0 command to the selected lamp.				
DALI 1.0 COMMAND FOR LAMP GROUP	**ASCII** **WRITE** **COMMAND**	#GROUP COMMAND:<GROUP>=<COMMAND><CR> #GROUP COMMAND:<GROUP>,<COMMAND><CR> #GCMD:<GROUP>,<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x02		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP COMMAND:8=0x02<CR>		
	RX	#255,OK<CR>		
Sends the entered DALI 1.0 command to the selected lamp group.				
DALI 1.0 COMMAND FOR ALL LAMPS	**ASCII** **WRITE** **COMMAND**	#ALL COMMAND:<COMMAND><CR> #ACMD:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x03		
	TX	#ALL COMMAND:0x03<CR>		
	RX	#255,OK<CR>		
Sends the entered DALI 1.0 command to all lamps.				
DALI 1.0 COMMAND+REPEAT FOR LAMP	**ASCII** **WRITE** **COMMAND**	#LAMP COMMAND REPEAT:<LAMP>=<COMMAND><CR> #LAMP COMMAND REPEAT:<LAMP>,<COMMAND><CR> #LCMDR:<LAMP>,<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x01		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP COMMAND REPEAT:5=0x01<CR>		
	RX	#255,OK<CR>		
Sends the entered DALI 1.0 command twice within 100ms to the selected lamp.				

DALI 1.0 COMMAND+REPEAT FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP COMMAND REPEAT:<GROUP>=<COMMAND><CR> #GROUP COMMAND REPEAT:<GROUP>,<COMMAND><CR> #GCMDR:<GROUP>,<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x02		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP COMMAND REPEAT:8=0x02<CR>		
	RX	#255,OK<CR>		
Sends the entered DALI 1.0 command twice within 100ms to the selected lamp group.				
DALI 1.0 COMMAND+REPEAT FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL COMMAND REPEAT:<COMMAND><CR> #ACMDR:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x03		
	TX	#ALL COMMAND REPEAT:0x03<CR>		
	RX	#255,OK<CR>		
Sends the entered DALI 1.0 command twice within 100ms to all lamps.				
DALI 1.0 ARC POWER FOR LAMP	**ASCII WRITE COMMAND**	#LAMP ARC POWER:<LAMP>=<POWER><CR> #LAMP ARC POWER:<LAMP>,<POWER><CR> #LARC:<LAMP>,<POWER><CR> Result: #OK<CR>	ASCII	YES
	POWER	127 50,0		
	LAMP	5:LAMP SHORT ADDRESS 6		
	TX	#LAMP ARC POWER:5=127<CR>		
	RX	#255,OK<CR>		
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK.				
DALI 1.0 ARC POWER FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP ARC POWER:<GROUP>=<POWER><CR> #GROUP ARC POWER:<GROUP>,<POWER><CR> #GARC:<GROUP>,<POWER><CR> Result: #OK<CR>	ASCII	YES
	POWER	127 50,0		
	GROUP	8:LAMP GROUP 9		
	TX	#GROUP ARC POWER:8=127<CR>		
	RX	#255,OK<CR>		
Sets for a lamp group a new brightness level between 0 and 254. 255 means MASK.				
DALI 1.0 ARC POWER FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL ARC POWER:<POWER><CR> #AARC:<POWER><CR> Result: #OK<CR>	ASCII	YES
	POWER	127 50,0		
	TX	#ALL ARC POWER:127<CR>		
	RX	#255,OK<CR>		

DALI BUS ERROR	**ASCII READ COMMAND**	#DALI BUS ERROR<CR> #DBERR<CR> Result: #DBERR:<BusErrDec>,<BusErrHex><CR>	ASCII	
	TX	#DALI BUS ERROR<CR>		
	RX	#255,DBERR:0,0x0<CR>		
		0:BUS IS OK		
Shows the status of the DALI bus. BusErrDec,BusErrHex: =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply				
SET PRIORITY SLOT	**ASCII WRITE COMMAND**	#SET PRIORITY SLOT:<SLOT><CR> #SPS:<SLOT><CR> Result: #OK<CR>	ASCII	NO
	SLOT	3		
	TX	#SET PRIORITY SLOT:3<CR>		
	RX	N/A		
This command defines the DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
GET PRIORITY SLOT	**ASCII READ COMMAND**	#GET PRIORITY SLOT<CR> #GPS<CR> Result: #GPS:<PrioritySlotDec>,<PrioritySlotHex><CR>	ASCII	
	TX	#GET PRIORITY SLOT<CR>		
	RX	#255,GPS:2,0x2<CR>		
		Current priority slot:2->14ms		
This command shows the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
DALI:8-BIT COMMANDS				
DALI COMMAND WITH 8 BITS	**ASCII WRITE COMMAND**	#DALI CMD8:<COMMAND><CR> #DCMD8:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFF		
	TX	#DALI CMD8:0xFF<CR>		
	RX	#255,OK<CR>		
Sends the DSI/DALI 8 bit command to the DALI bus				

DALI COMMAND WITH 8 BITS REPEAT WITIHN 100ms	**ASCII** **WRITE** **COMMAND**	#DALI CMDR8:<COMMAND><CR> #DCMDR8:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFF		
	TX	#DALI CMDR8:0xFF<CR>		
	RX	#255,OK<CR>		
Sends the DSI/DALI 8 bit command to the DALI bus twice within 100ms				
DALI COMMAND WITH 8 BITS WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDA8:<COMMAND><CR> #DCMDA8:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFF		
	TX	#DALI CMDA8:0xFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DSI/DALI 8 bit command to the DALI bus and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI COMMAND WITH 8 BITS REPEAT WITHIN 100ms WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDRA8:<COMMAND><CR> #DCMDRA8:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFF		
	TX	#DALI CMDRA8:0xFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DSI/DALI 8 bit command to the DALI bus twice within 100ms and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI:16-BIT COMMANDS				
DALI COMMAND WITH 16 BITS	**ASCII** **WRITE** **COMMAND**	#DALI CMD16:<COMMAND><CR> #DCMD16:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFFFF		
	TX	#DALI CMD16:0xFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 16 bit command to the DALI bus				

DALI COMMAND WITH 16 BITS REPEAT WITIHN 100ms	**ASCII** **WRITE** **COMMAND**	#DALI CMDR16:<COMMAND><CR> #DCMDR16:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFFFF		
	TX	#DALI CMDR16:0xFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 16 bit command to the DALI bus twice within 100ms				
DALI COMMAND WITH 16 BITS WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDA16:<COMMAND><CR> #DCMDA16:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFF		
	TX	#DALI CMDA16:0xFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 16 bit command to the DALI bus and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI COMMAND WITH 16 BITS REPEAT WITHIN 100ms WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDRA16:<COMMAND><CR> #DCMDRA16:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFF		
	TX	#DALI CMDRA16:0xFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 16 bit command to the DALI bus twice within 100ms and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI:24-BIT COMMANDS				
DALI COMMAND WITH 24 BITS	**ASCII** **WRITE** **COMMAND**	#DALI CMD24:<COMMAND><CR> #DCMD24:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFFFFFF		
	TX	#DALI CMD24:0xFFFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 24 bit command to the DALI bus				

DALI COMMAND WITH 24 BITS REPEAT WITIHN 100ms	**ASCII** **WRITE** **COMMAND**	#DALI CMDR24:<COMMAND><CR> #DCMDR24:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFFFFFF		
	TX	#DALI CMDR24:0xFFFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 24 bit command to the DALI bus twice within 100ms				
DALI COMMAND WITH 24 BITS WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDA24:<COMMAND><CR> #DCMDA24:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFFFF		
	TX	#DALI CMDA24:0xFFFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 24 bit command to the DALI bus and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI COMMAND WITH 24 BITS REPEAT WITHIN 100ms WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDRA24:<COMMAND><CR> #DCMDRA24:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFFFF		
	TX	#DALI CMDRA24:0xFFFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 24 bit command to the DALI bus twice within 100ms and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI:25-BIT COMMANDS:eDALI with automatic generation of redundant bit				
DALI COMMAND WITH 25 BITS	**ASCII** **WRITE** **COMMAND**	#DALI CMD25:<COMMAND><CR> #DCMD25:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x00FF00		
	TX	#DALI CMD25:0x00FF00<CR>		
	RX	#255,OK<CR>		
Sends the DALI 24 bit command to the DALI bus. The redundant bit of the eDALI 25 bit frame is generated automatically.				

DALI COMMAND WITH 25 BITS REPEAT WITIHN 100ms	**ASCII** **WRITE** **COMMAND**	#DALI CMDR25:<COMMAND><CR> #DCMDR25:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x00FF00		
	TX	#DALI CMDR25:0x00FF00<CR>		
	RX	#255,OK<CR>		
Sends the DALI 24 bit command to the DALI bus twice within 100ms. The redundant bit of the eDALI 25 bit frame is generated automatically.				
DALI COMMAND WITH 25 BITS WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDA25:<COMMAND><CR> #DCMDA25:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0x00FF00		
	TX	#DALI CMDA25:0x00FF00<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 24 bit command to the DALI bus and waits for an answer. The redundant bit of the eDALI 25 bit frame is generated automatically. STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI COMMAND WITH 25 BITS REPEAT WITHIN 100ms WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDRA25:<COMMAND><CR> #DCMDRA25:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0x00FF00		
	TX	#DALI CMDRA25:0x00FF00<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 24 bit command to the DALI bus twice within 100ms and waits for an answer. The redundant bit of the eDALI 25 bit frame is generated automatically. STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI:25-BIT COMMANDS:eDALI with user generated redundant bit				
DALI COMMAND WITH 25 BITS	**ASCII** **WRITE** **COMMAND**	#DALI CMD25U:<COMMAND><CR> #DCMD25U:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x01FE00		
	TX	#DALI CMD25U:0x01FE00<CR>		

	RX	#255,OK<CR>		
Sends the DALI 25 bit command to the DALI bus. The redundant bit of the eDALI 25 bit frame is part of the DALI frame.				
DALI COMMAND WITH 25 BITS REPEAT WITIHN 100ms	**ASCII** **WRITE** **COMMAND**	#DALI CMDR25U:<COMMAND><CR> #DCMDR25U:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0x01FE00		
	TX	#DALI CMDR25U:0x01FE00<CR>		
	RX	#255,OK<CR>		
Sends the DALI 25 bit command to the DALI bus twice within 100ms. The redundant bit of the eDALI 25 bit frame is part of the DALI frame.				
DALI COMMAND WITH 25 BITS WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDA25U:<COMMAND><CR> #DCMDA25U:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0x01FE00		
	TX	#DALI CMDA25U:0x01FE00<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 25 bit command to the DALI bus and waits for an answer. The redundant bit of the eDALI 25 bit frame is part of the DALI frame. STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI COMMAND WITH 25 BITS REPEAT WITHIN 100ms WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDRA25U:<COMMAND><CR> #DCMDRA25U:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0x01FE00		
	TX	#DALI CMDRA25U:0x01FE00<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 25 bit command to the DALI bus twice within 100ms and waits for an answer. The redundant bit of the eDALI 25 bit frame is part of the DALI frame. STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI:28-BIT COMMANDS				
DALI COMMAND WITH 28 BITS	**ASCII** **WRITE** **COMMAND**	#DALI CMD28:<COMMAND><CR> #DCMD28:<COMMAND><CR> Result: #OK<CR>	ASCII	YES

	COMMAND	0xFFFFFFF		
	TX	#DALI CMD28:0xFFFFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 28 bit command to the DALI bus				
DALI COMMAND WITH 28 BITS REPEAT WITIHN 100ms	**ASCII** **WRITE** **COMMAND**	#DALI CMDR28:<COMMAND><CR> #DCMDR28:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFFFFFFF		
	TX	#DALI CMDR28:0xFFFFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 28 bit command to the DALI bus twice within 100ms				
DALI COMMAND WITH 28 BITS WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDA28:<COMMAND><CR> #DCMDA28:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFFFFF		
	TX	#DALI CMDA28:0xFFFFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 28 bit command to the DALI bus and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI COMMAND WITH 28 BITS REPEAT WITHIN 100ms WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDRA28:<COMMAND><CR> #DCMDRA28:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFFFFF		
	TX	#DALI CMDRA28:0xFFFFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 28 bit command to the DALI bus twice within 100ms and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI:32-BIT COMMANDS				
DALI COMMAND WITH 32 BITS	**ASCII** **WRITE** **COMMAND**	#DALI CMD32:<COMMAND><CR> #DCMD32:<COMMAND><CR> Result: #OK<CR>	ASCII	YES

	COMMAND	0xFFFFFFFF		
	TX	#DALI CMD32:0xFFFFFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 32 bit command to the DALI bus				
DALI COMMAND WITH 32 BITS REPEAT WITIHN 100ms	**ASCII** **WRITE** **COMMAND**	#DALI CMDR32:<COMMAND><CR> #DCMDR32:<COMMAND><CR> Result: #OK<CR>	ASCII	YES
	COMMAND	0xFFFFFFFF		
	TX	#DALI CMDR32:0xFFFFFFFF<CR>		
	RX	#255,OK<CR>		
Sends the DALI 32 bit command to the DALI bus twice within 100ms				
DALI COMMAND WITH 32 BITS WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDA32:<COMMAND><CR> #DCMDA32:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFFFFFF		
	TX	#DALI CMDA32:0xFFFFFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 32 bit command to the DALI bus and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				
DALI COMMAND WITH 32 BITS REPEAT WITHIN 100ms WAIT FOR ANSWER	**ASCII** **WRITE** **COMMAND**	#DALI CMDRA32:<COMMAND><CR> #DCMDRA32:<COMMAND><CR> Result: #OK:<STATUS>,<VALUEDec>,<VALUEHex><CR>	ASCII	YES
	COMMAND	0xFFFFFFFF		
	TX	#DALI CMDRA32:0xFFFFFFFF<CR>		
	RX	#255,OK:9,99,0x63<CR>		
Sends the DALI 32 bit command to the DALI bus twice within 100ms and waits for an answer STATUS: 9: timeout no answer, VALUEDec is 99, VALUEHex is 0x63 1: Answer is ok, one byte (8 bit) was received VALUEDec,VALUEHex is the received byte 2: Answer is ok, one word (16 bit) was received VALUEDec,VALUEHex is the received word 3: Answer is ok, 24 bit frame was received VALUEDec,VALUEHex is the received 24 bit frame 4: Answer is ok, 25 bit frame was received VALUEDec,VALUEHex is the received 25 bit frame 5: Answer is ok, 28 bit frame was received VALUEDec,VALUEHex is the received 28 bit frame 6: Answer is ok, 32 bit frame was received VALUEDec,VALUEHex is the received 32 bit frame				

DALI BUS ERROR	**ASCII READ COMMAND**	#DALI BUS ERROR<CR> #DBERR<CR> Result: #DBERR:<BusErrDec>,<BusErrHex><CR>	ASCII	
	TX	#DALI BUS ERROR<CR>		
	RX	#255,DBERR:0,0x0<CR>		
		0:BUS IS OK		
Shows the status of the DALI bus. BusErrDec,BusErrHex: =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply				
SET PRIORITY SLOT	**ASCII WRITE COMMAND**	#SET PRIORITY SLOT:<SLOT><CR> #SPS:<SLOT><CR> Result: #OK<CR>	ASCII	NO
	SLOT	3		
	TX	#SET PRIORITY SLOT:3<CR>		
	RX	N/A		
This command defines the DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
GET PRIORITY SLOT	**ASCII READ COMMAND**	#GET PRIORITY SLOT<CR> #GPS<CR> Result: #GPS:<PrioritySlotDec>,<PrioritySlotHex><CR>	ASCII	
	TX	#GET PRIORITY SLOT<CR>		
	RX	#255,GPS:2,0x2<CR>		
		Current priority slot:2->14ms		
This command shows the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
DALI:LAST RECEIVED TELEGRAM				
DALI LAST RECEIVED TELEGRAM	**ASCII WRITE COMMAND**	#LAST RECEIVED TELEGRAM<CR> #LRT<CR> Result: #LRT:<COUNTER>,<BITS>,<DALI-FRAME><CR>	ASCII	YES
	TX	#LAST RECEIVED TELEGRAM<CR>		
	RX	#255,LRT:9,24,0x0088840E<CR>		
		Current counter for DALI frames:9		
		Current bit length of last DALI frame:24		
		Last DALI frame:0x0088840E		

Returns the last received DALI frame. A 16 bit counter is used for indicating a change in the received data: Every time the gateway receives a new DALI frame this counter will be incremented by one.				
DALI:FRAME RING PUFFER				
DALI CHECK TELEGRAM RING PUFFER	**ASCII WRITE COMMAND**	#CHECK TELEGRAM RING<CR> #CTR<CR> Result: #CTR:<COUNTER>,<BITS>,<DALI-FRAME><CR>	ASCII	YES
	TX	#CHECK TELEGRAM RING<CR>		
	RX	#255,CTR:2,2,24,0x0088840e,29539<CR>		
		Current counter for DALI frames:2		
		Flags of DALI frame:2 -> 2:RX		
		Bit length of DALI frame:24		
		DALI frame:0x0088840e		
		Gap to previous DALI frame:29539ms -> 29,539s		
Returns the last received DALI frame. A 16 bit counter is used for indicating a change in the received data: Every time the gateway receives a new DALI frame this counter will be incremented by one.				

DALI BUS ERROR	**ASCII READ COMMAND**	#DALI BUS ERROR<CR> #DBERR<CR> Result: #DBERR:<BusErrDec>,<BusErrHex><CR>	ASCII	
	TX	#DALI BUS ERROR<CR>		
	RX	#255,DBERR:0,0x0<CR>		
		0:BUS IS OK		
Shows the status of the DALI bus. BusErrDec,BusErrHex: =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply				
SET PRIORITY SLOT	**ASCII WRITE COMMAND**	#SET PRIORITY SLOT:<SLOT><CR> #SPS:<SLOT><CR> Result: #OK<CR>	ASCII	NO
	SLOT	3		
	TX	#SET PRIORITY SLOT:3<CR>		
	RX	N/A		
This command defines the DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
GET PRIORITY SLOT	**ASCII READ COMMAND**	#GET PRIORITY SLOT<CR> #GPS<CR> Result: #GPS:<PrioritySlotDec>,<PrioritySlotHex><CR>	ASCII	
	TX	#GET PRIORITY SLOT<CR>		
	RX	#255,GPS:2,0x2<CR>		
		Current priority slot:2->14ms		
This command shows the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
DALI 2.0 DT8 XY-COORDINATES FOR LAMP	**ASCII WRITE COMMAND**	#LAMP XY:<LAMP>,<POWER>,<X>,<Y><CR> #LXY:<LAMP>,<POWER><X>,<Y><CR> Result: #OK<CR>	ASCII	NO
	POWER	127	50,0	
	X	0,99997	0,99997	
	Y	0,99997	0,99997	
	LAMP	10:LAMP SHORT ADDRESS 11		
	TX	#LAMP XY:10,127,0.99997,0.99997<CR>		
	RX	N/A		

Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new XY colour coordinate for a DALI device type 8 lamp with XY coordinate colour dimming feature. The XY coordinate is in the range 0.0 to 0.99997					
DALI 2.0 DT8 XY-COORDINATES FOR LAMP	**ASCII WRITE COMMAND**	#LAMP XY DIGITS:<LAMP>,<POWER>,<XDIGIT>,<YDIGIT><CR> #LXYD:<LAMP>,<POWER><XDIGIT>,<YDIGIT><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	XDIGIT	65534	0,99997		
	YDIGIT	65534	0,99997		
	LAMP	10:LAMP SHORT ADDRESS 11			
	TX	#LAMP XY DIGITS:10,127,65534,65534<CR>			
	RX	N/A			
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new XY colour coordinate for a DALI device type 8 lamp with XY coordinate colour dimming feature. The XY coordinate is in the range of 0 to 65534. 65535 means mask. The real XY coordinate is calulated with digits/65536.					
DALI 2.0 DT8 QUERY XY-COORDINATES FOR LAMP	**ASCII WRITE COMMAND**	#LAMP QUERY XY:<LAMP><CR> #LQXY:<LAMP><CR> Result: #LQXY:<LAMP>,<POWER>,<X>,<KELVIN><CR>		ASCII	YES
	LAMP	10:LAMP SHORT ADDRESS 11			
	TX	#LAMP QUERY XY:10<CR>			
	RX	#255,LQXYC:10,0,65534,33023,0xFFFE,0x80FF,0.00002,0.00003<CR>			
		Current lamp short address:10->LAMP SHORT ADDRESS 11			
		Current arc power level:0->0,00%			
		Current X coordinate in digits:65534			
		Current Y coordinate in digits:33023			
		Current X coordinate:0.00002			
		Current Y coordinate:0.00003			
Returns the actual arc power level between 0 and 254 and the current digits for XY coordinate between 0 and 65534 and the current XY coordinate between 0.0 and 0.99997 for a DALI device type 8 lamp with XY coordinate colour feature. 65535 means MASK for digits.					

DALI BUS ERROR	**ASCII READ COMMAND**	#DALI BUS ERROR<CR> #DBERR<CR> Result: #DBERR:<BusErrDec>,<BusErrHex><CR>	ASCII	
	TX	#DALI BUS ERROR<CR>		
	RX	#255,DBERR:0,0x0<CR>		
		0:BUS IS OK		
Shows the status of the DALI bus. BusErrDec,BusErrHex: =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply				
SET PRIORITY SLOT	**ASCII WRITE COMMAND**	#SET PRIORITY SLOT:<SLOT><CR> #SPS:<SLOT><CR> Result: #OK<CR>	ASCII	NO
	SLOT	3		
	TX	#SET PRIORITY SLOT:3<CR>		
	RX	N/A		
This command defines the DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
GET PRIORITY SLOT	**ASCII READ COMMAND**	#GET PRIORITY SLOT<CR> #GPS<CR> Result: #GPS:<PrioritySlotDec>,<PrioritySlotHex><CR>	ASCII	
	TX	#GET PRIORITY SLOT<CR>		
	RX	#255,GPS:2,0x2<CR>		
		Current priority slot:2->14ms		
This command shows the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
DALI 2.0 DT8 CW-WW FOR LAMP	**ASCII WRITE COMMAND**	#LAMP TC MIREK:<LAMP>,<POWER>,<MIREK><CR> #LTCM:<LAMP>,<POWER><MIREK><CR> Result: #OK<CR>	ASCII	NO
	POWER	127	50,0	
	MIREK	9090	110	
	LAMP	4:LAMP SHORT ADDRESS 5		
	TX	#LAMP TC MIREK:4,127,9090<CR>		
	RX	N/A		
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new MIREK level between 1 and 65534 for a DALI device type 8 lamp with CW-WW dimming feature. 65535 means MASK for MIREK level.				

DALI 2.0 DT8 CW-WW FOR LAMP	**ASCII WRITE COMMAND**	#LAMP TC KELVIN:<LAMP>,<POWER>,<KELVIN><CR> #LTCK:<LAMP>,<POWER><KELVIN><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	KELVIN	16,000	16		
	LAMP	4:LAMP SHORT ADDRESS 5			
	TX	#LAMP TC KELVIN:4,127,16<CR>			
	RX	N/A			
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new KELVIN level between 16 and 1000000 for a DALI device type 8 lamp with CW-WW dimming feature.					
DALI 2.0 DT8 CW-WW FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP TC MIREK:<GROUP>,<POWER>,<MIREK><CR> #GTCM:<GROUP>,<POWER><MIREK><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	MIREK	9090	110		
	GROUP	8:LAMP GROUP 9			
	TX	#GROUP TC MIREK:8,127,9090<CR>			
	RX	N/A			
Sets for a lamp group a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new MIREK level between 1 and 65534 for a DALI device type 8 lamp group with CW-WW dimming feature. 65535 means MASK for MIREK level.					
DALI 2.0 DT8 CW-WW FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP TC KELVIN:<GROUP>,<POWER>,<KELVIN><CR> #GTCK:<GROUP>,<POWER><KELVIN><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	KELVIN	16,000	16		
	GROUP	8:LAMP GROUP 9			
	TX	#GROUP TC KELVIN:8,127,16<CR>			
	RX	N/A			
Sets for a lamp group a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new KELVIN level between 16 and 1000000 for a DALI device type 8 lamp group with CW-WW dimming feature.					
DALI 2.0 DT8 CW-WW FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL TC MIREK:<POWER>,<MIREK><CR> #ATCM:<POWER><MIREK><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	MIREK	9090	110		
	TX	#ALL TC MIREK:127,9090<CR>			
	RX	N/A			
Sets for all lamps a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new MIREK level between 1 and 65534 for all DALI device type 8 lamps with CW-WW dimming feature. 65535 means MASK for MIREK level.					
DALI 2.0 DT8 CW-WW FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL TC KELVIN:<POWER>,<KELVIN><CR> #ATCK:<POWER><KELVIN><CR> Result: #OK<CR>		ASCII	NO

	POWER	127	50,0		
	KELVIN	16,000	16		
	TX	#ALL TC KELVIN:127,16<CR>			
	RX	N/A			
Sets for all lamps a new brightness level between 0 and 254. 255 means MASK. This command sets in addition the new KELVIN level between 16 and 1000000 for all DALI device type 8 lamps with CW-WW dimming feature.					
DALI 2.0 DT8 QUERY Tc FOR LAMP	**ASCII WRITE COMMAND**	#LAMP QUERY TC:<LAMP><CR> #LQTC:<LAMP><CR> Result: #LQTC:<LAMP>,<POWER>,<MIREK>,<KELVIN><CR>		ASCII	YES
	LAMP	0:LAMP SHORT ADDRESS 1			
	TX	#LAMP QUERY TC:0<CR>			
	RX	#255,LQTC:0,127,150,0x0096,6666.667<CR>			
		Current lamp short address:0->LAMP SHORT ADDRESS 1			
		Current arc power level:127->50,00%			
		Current colour temperature Tc in Mirek:150			
		Current colour temperature Tc in Kelvin:6666.667			
Returns the actual arc power level between 0 and 254 and the current MIREK setting between 1 and 65534 and the current KELVIN settings between 16 and 1000000 for a DALI device type 8 lamp with CW-WW dimming feature. 65535 means MASK for MIREK level.					

DALI BUS ERROR	**ASCII READ COMMAND**	#DALI BUS ERROR<CR> #DBERR<CR> Result: #DBERR:<BusErrDec>,<BusErrHex><CR>	ASCII	
	TX	#DALI BUS ERROR<CR>		
	RX	#255,DBERR:0,0x0<CR>		
		0:BUS IS OK		
Shows the status of the DALI bus. BusErrDec,BusErrHex: =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply				
SET PRIORITY SLOT	**ASCII WRITE COMMAND**	#SET PRIORITY SLOT:<SLOT><CR> #SPS:<SLOT><CR> Result: #OK<CR>	ASCII	NO
	SLOT	3		
	TX	#SET PRIORITY SLOT:3<CR>		
	RX	N/A		
This command defines the DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
GET PRIORITY SLOT	**ASCII READ COMMAND**	#GET PRIORITY SLOT<CR> #GPS<CR> Result: #GPS:<PrioritySlotDec>,<PrioritySlotHex><CR>	ASCII	
	TX	#GET PRIORITY SLOT<CR>		
	RX	#255,GPS:2,0x2<CR>		
		Current priority slot:2->14ms		
This command shows the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
DALI 2.0 DT8 PRIMARY N CHANNELS FOR LAMP	**ASCII WRITE COMMAND**	#LAMP PRIMARY N:<LAMP>,<POWER>,<CHANNEL1>,<CHANNEL2>,<CHANNEL3>, <CHANNEL4>,<CHANNEL5>,<CHANNEL6><CR> #LPN:<LAMP>,<POWER>,<CHANNEL1>,<CHANNEL2>,<CHANNEL3>, <CHANNEL4>,<CHANNEL5>,<CHANNEL6><CR> Result: #OK<CR>	ASCII	YES
	POWER	127	50,0	
	CHANNELS	6:CHANNEL 1-6		
	CHANNEL1	6554	10,0	
	CHANNEL2	13107	20,0	
	CHANNEL3	19661	30,0	

	CHANNEL4	26214	40,0		
	CHANNEL5	32767	50,0		
	CHANNEL6	39321	60,0		
	LAMP	1:LAMP SHORT ADDRESS 2			
	TX	#LAMP PRIMARY N:1,127,6554,13107,19661,26214,32767,39321<CR>			
	RX	N/A			
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK. This command sets in addition for up to 6 channels the new level between 0 and 65534 for a DALI device type 8 lamp with primary N colour feature. 65535 means MASK for channel level. HINT: The amount of command arguments depends on how many channels are written!					
DALI 2.0 DT8 PRIMARY N CHANNELS FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP PRIMARY N:<GROUP>,<POWER>,<CHANNEL1>,<CHANNEL2>,<CHANNEL3>, <CHANNEL4>,<CHANNEL5>,<CHANNEL6><CR> #GPN:<GROUP>,<POWER>,<CHANNEL1>,<CHANNEL2>,<CHANNEL3>, <CHANNEL4>,<CHANNEL5>,<CHANNEL6><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	CHANNELS	6:CHANNEL 1-6			
	CHANNEL1	6554	10,0		
	CHANNEL2	13107	20,0		
	CHANNEL3	19661	30,0		
	CHANNEL4	26214	40,0		
	CHANNEL5	32767	50,0		
	CHANNEL6	39321	60,0		
	GROUP	8:LAMP GROUP 9			
	TX	#GROUP PRIMARY N:8,127,6554,13107,19661,26214,32767,39321<CR>			
	RX	N/A			
Sets for a lamp group a new brightness level between 0 and 254. 255 means MASK. This command sets in addition for up to 6 channels the new level between 0 and 65534 for a DALI device type 8 lamp group with primary N colour feature. 65535 means MASK for channel level. HINT: The amount of command arguments depends on how many channels are written!					
DALI 2.0 DT8 PRIMARY N CHANNELS FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL PRIMARY N:<POWER>,<CHANNEL1>,<CHANNEL2>,<CHANNEL3>, <CHANNEL4>,<CHANNEL5>,<CHANNEL6><CR> #APN:<POWER>,<CHANNEL1>,<CHANNEL2>,<CHANNEL3>, <CHANNEL4>,<CHANNEL5>,<CHANNEL6><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	CHANNELS	6:CHANNEL 1-6			
	CHANNEL1	6554	10,0		
	CHANNEL2	13107	20,0		
	CHANNEL3	19661	30,0		
	CHANNEL4	26214	40,0		
	CHANNEL5	32767	50,0		
	CHANNEL6	39321	60,0		
	TX	#ALL PRIMARY N:127,6554,13107,19661,26214,32767,39321<CR>			
	RX	N/A			

Sets for all lamps a new brightness level between 0 and 254. 255 means MASK. This command sets in addition for up to 6 channels the new level between 0 and 65534 for all DALI device type 8 lamps with primary N colour feature. 65535 means MASK for channel level.
HINT: The amount of command arguments depends on how many channels are written!

DALI 2.0 DT8 QUERY PRIMARY N CHANNELS FOR LAMP	**ASCII WRITE COMMAND**	#LAMP QUERY PRIMARY N:<LAMP>,<CHANNELS><CR> #LQPN:<LAMP>,<CHANNELS><CR> Result: #LQPN:<LAMP>,<POWER>,<CHANNEL1>,...,<CHANNELx><CR>	ASCII	NO
	LAMP	4:LAMP SHORT ADDRESS 5		
	CHANNELS	2:CHANNEL 1+2		
	TX	#LAMP QUERY PRIMARY N:4,2<CR>		
	RX	'LQPN:4,127,65534,192,45,32768,65534,1234		
		Current lamp short address:4->LAMP SHORT ADDRESS 5		
		Current arc power level:127->50,00%		
		Current level for PRIMARY N channel 1:65534->100,00%		
		Current level for PRIMARY N channel 2:192->0,29%		
		Current level for PRIMARY N channel 3:45->0,07%		
		Current level for PRIMARY N channel 4:32768->12900,79%		
		Current level for PRIMARY N channel 5:65534->100,00%		
		Current level for PRIMARY N channel 6:1234->1,88%		

Returns the actual arc power level between 0 and 254 and the current levels between 0 and 65534 for the available channels for a DALI device type 8 lamp with primary N dimming feature. 255 means MASK for Arc level and 65535 means mask for colour level.

DALI BUS ERROR	**ASCII READ COMMAND**	#DALI BUS ERROR<CR> #DBERR<CR> Result: #DBERR:<BusErrDec>,<BusErrHex><CR>	ASCII	
	TX	#DALI BUS ERROR<CR>		
	RX	#255,DBERR:0,0x0<CR>		
		0:BUS IS OK		
Shows the status of the DALI bus. BusErrDec,BusErrHex: =0:DALI bus is OK and fully functional =1:DALI bus error, short circuit on DALI line, overload on DALI line or no DALI power supply				
SET PRIORITY SLOT	**ASCII WRITE COMMAND**	#SET PRIORITY SLOT:<SLOT><CR> #SPS:<SLOT><CR> Result: #OK<CR>	ASCII	NO
	SLOT	3		
	TX	#SET PRIORITY SLOT:3<CR>		
	RX	N/A		
This command defines the DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
GET PRIORITY SLOT	**ASCII READ COMMAND**	#GET PRIORITY SLOT<CR> #GPS<CR> Result: #GPS:<PrioritySlotDec>,<PrioritySlotHex><CR>	ASCII	
	TX	#GET PRIORITY SLOT<CR>		
	RX	#255,GPS:2,0x2<CR>		
		Current priority slot:2->14ms		
This command shows the current defined DALI priority slot. There are 5 slots available: 0: 12ms: Highest priority, used for messages that must be repeated 1: 13ms: User initiated arc power control commands and commands which have an impact on manual adjustment of arc power (e.g., dim up with a special fade time) 2: 14ms: Configuration in general 3: 15ms: Automatic arc power control commands 4: 16ms: Lowest priority, used for query messages				
DALI 2.0 DT8 RGBWAF CHANNELS FOR LAMP	**ASCII WRITE COMMAND**	#LAMP RGBWAF:<LAMP>,<POWER>,<RED>,<GREEN>,<BLUE>, <WHITE>,<AMBER>,<FREECOLOUR><CR> #LRGBWAF:<LAMP>,<POWER>,<RED>,<GREEN>,<BLUE>, <WHITE>,<AMBER>,<FREECOLOUR><CR> Result: #OK<CR>	ASCII	YES
	POWER	127	50,0	
	CHANNELS	3:RGB		
	RED	0	0,0	
	GREEN	0	0,0	
	BLUE	254	100,0	

	WHITE	102	40,0		
	AMBER	127	50,0		
	FREECOLOUR	153	60,0		
	LAMP	1:LAMP SHORT ADDRESS 2			
	TX	#LAMP RGBWAF:1,127,0,0,254<CR>			
	RX	#255,OK<CR>			
Sets for a lamp short address a new brightness level between 0 and 254. 255 means MASK. This command sets in addition for up to 6 channels the new level between 0 and 65534 for a DALI device type 8 lamp with RGBWAF colour feature. 65535 means MASK for channel level. HINT: The amount of command arguments depends on how many channels are written!					
DALI 2.0 DT8 RGBWAF CHANNELS FOR LAMP GROUP	**ASCII WRITE COMMAND**	#GROUP RGBWAF:<GROUP>,<POWER>,<RED>,<GREEN>,<BLUE>, <WHITE>,<AMBER>,<FREECOLOUR><CR> #GRGBWAF:<GROUP>,<POWER>,<RED>,<GREEN>,<BLUE>, <WHITE>,<AMBER>,<FREECOLOUR><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	CHANNELS	4:RGB+WHITE			
	RED	26	10,0		
	GREEN	51	20,0		
	BLUE	77	30,0		
	WHITE	102	40,0		
	AMBER	127	50,0		
	FREECOLOUR	153	60,0		
	GROUP	8:LAMP GROUP 9			
	TX	#GROUP RGBWAF:8,127,26,51,77,102<CR>			
	RX	N/A			
Sets for a lamp group a new brightness level between 0 and 254. 255 means MASK. This command sets in addition for up to 6 channels the new level between 0 and 65534 for a DALI device type 8 lamp group with RGBWAF colour feature. 65535 means MASK for channel level. HINT: The amount of command arguments depends on how many channels are written!					
DALI 2.0 DT8 RGBWAF CHANNELS FOR ALL LAMPS	**ASCII WRITE COMMAND**	#ALL RGBWAF:<POWER>,<RED>,<GREEN>,<BLUE>, <WHITE>,<AMBER>,<FREECOLOUR><CR> #ARGBWAF:<POWER>,<RED>,<GREEN>,<BLUE>, <WHITE>,<AMBER>,<FREECOLOUR><CR> Result: #OK<CR>		ASCII	NO
	POWER	127	50,0		
	CHANNELS	3:RGB			
	RED	26	10,0		
	GREEN	51	20,0		
	BLUE	77	30,0		
	WHITE	102	40,0		
	AMBER	127	50,0		
	FREECOLOUR	153	60,0		
	TX	#ALL RGBWAF:127,26,51,77<CR>			
	RX	N/A			

Sets for all lamps a new brightness level between 0 and 254. 255 means MASK. This command sets in addition for up to 6 channels the new level between 0 and 65534 for all DALI device type 8 lamps with RGBWAF colour feature. 65535 means MASK for channel level.
HINT: The amount of command arguments depends on how many channels are written!

DALI 2.0 DT8 QUERY RGBWAF CHANNELS FOR LAMP	**ASCII WRITE COMMAND**	#LAMP QUERY RGBWAF:<LAMP>,<CHANNELS><CR> #LQRGBWAF:<LAMP>,<CHANNELS><CR> Result: #LQRGBWAF:<LAMP>,<POWER>,<RED>,<GREEN>,<BLUE>, <WHITE>,<AMBER>,<FREECOLOUR><CR>	ASCII	YES
	LAMP	1:LAMP SHORT ADDRESS 2		
	CHANNELS	3:RGB		
	TX	#LAMP QUERY RGBWAF:1,3<CR>		
	RX	#255,LQRGBWAF:1,127,0,226,84<CR>		
		Current lamp short address:1->LAMP SHORT ADDRESS 2		
		Current arc power level:127->50,00%		
		Current level forRED channel 1:0->0,00%		
		Current level for GREEN channel 2:226->88,98%		
		Current level for BLUE channel 3:84->33,07%		
		Current level for WHITE channel 4:N/A->N/A		
		Current level for AMBER channel 5:N/A->N/A		
		Current level for FREECOLOUR channel 6:N/A->N/A		

Returns the actual arc power level between 0 and 254 and the current levels between 0 and 65534 for the available channels for a DALI device type 8 lamp with RGBWAF dimming feature. 255 means MASK for Arc level and 65535 means mask for colour level.