

Attributes

Profile	(0x0104) Home						
DeviceID	(0x0301)Thermostat						
Cluster:	(0x0000) Basic						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x0000	ZCL Version	uint8	R	M		0x03	
0x0001	Application Version	uint8	R	O		0x00	
0x0002	Stack Version	uint8	R	O			
0x0003	HW Version	uint8	R	O			
0x0004	Manufacturer Name	string	R	O		"Danfoss"	
0x0005	Model Identifier	string	R	O		"eTRV0100"	
0x0006	Date Code	string	R	O		YYYYMMDD	
0x0007	Power Source	enum8	R	M		0x03	
0x0010	LocationDescription	string (0-16)	R/W	O		Empty string (0)	
0x4000	SW Build ID	string (16)	R	O			
Cluster:	Configuration						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x0021	BatteryPercentageRemaini	uint8	R	O	Yes		
Cluster:	(0x0003) Identify						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x0000	Identify Time	uint16	R/W	M		0x0000	
0x4000	Identification button	Boolean	R		Yes	0x00	
Cluster:	(0x000A) Time						
Attribute ID	Attribute name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x0000	Time	UTC	RW	M		5th 2017, 11:00 AM)	
0x0001	TimeStatus	map8	RW	M		0x00	
0x0002	TimeZone	int32	RW	O			0

0x0003	DstStart	uint32	RW	O			
0x0004	DstEnd	uint32	RW	O			
0x0005	DstShift	int32	RW	O		3600	
0x0007	LocalTime	uint32	R	O			
0x0008	LastSetTime	UTC	R	O		0x586E2730	
Cluster:	(0x0019) OTA						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x0000	UpgradeServerID	IEEE address	R	M			
0x0001	FileOffset	uint32	R	O			
0x0002	CurrentFileVersion	uint32	R	O			
0x0003	CurrentZigBeeStackVersio	uint16	R	O			
0x0004	DownloadedFileVersion	uint32	R	O			
0x0005	DownloadedZigBeeStackV ersion	uint16	R	O			
0x0006	ImageUpgradeStatus	enum8	R	M			
0x0007	Manufacturer ID	uint16	R	O		0x1246	
0x0008	Image Type ID	uint16	R	O			
0x0009	MinimumBlockPeriod	uint16	R	O			
0x000A	Image Stamp	uint16	R	O			
Cluster:	(0x0020) Poll Control						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x0000	Check-in Interval	uint32	R/W	M		1200	
0x0001	Long Poll Interval	uint32	R	M		28	
0x0002	Short Poll Interval	uint16	R	M		2	
0x0003	Fast Poll Timeout	uint16	R/W	M		40	
0x0004	Check-in Interval Min	uint32	R	O		240	
0x0005	Long Poll Interval Min	uint32	R	O		28	
0x0006	Fast Poll Timeout Max	uint16	R	O		60	
Cluster:	(0x0201) Thermostat						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions

0x0000	Local Temperature	Int16	R	M	Yes		
0x0003	absMinHeatSetpointLimit	Int16	R	O			minimum temperature in centigrades
0x0004	absMaxHeatSetpointLimit	Int16	R	O			maximum temperature centigrades
0x0008	PIHeatingDemand	uint8	R	O	Yes	-	the PI loop in percent 0: when the thermostat is in "off"
0x0010	LocalTemperatureCalibration	Int8	R/W	O		0x00	this offset is -2.5 °C to +2.5 °C).
0x0012	OccupiedHeating Setpoint	Int16	R/W	M	Yes	0x834	
0x0015	MinHeatSetpointLimit	Int16	R/W	O		absMinHeatSetpointLimit	
0x0016	MaxHeatSetpointLimit	Int16	R/W	O		absMaxHeatSetpointLimit	
0x001B	Control Sequence of Operation	enum8	R/W	M		0x02	Heating Only (0x02).
0x001C	System Mode	enum8	R/W	M		0x04	Everything else rejected with INVALID_VALUE
0x4000	eTRV Open Window Detection	enum8	R		Yes	0x00	0x01: Windows are closed 0x02: Hold ,Windows are maybe about to open 0x03: Open window detected 0x04: In window open state from external, but detected closed
0x4003	External Open Window Detected	boolean	R/W			0x00	0x00: Windows are closed 0x01: Windows are opened
0x4010	Exercise day of week	enum8	R/W			0x04	0 = Sunday, 1 = Monday, ... 6 = Saturday, 7 = undefined
0x4011	Exercise trigger time	uint16	R/W			660	Minutes since midnight, 0xFFFF = undefined
0x4012	Mounting mode active	boolean	R		Yes	0x01	reset) 0x00: Mounted

0x4013	Mounting mode control	boolean	R/W				0x00 Go to mounting mode (the eTRV can now be mounted on a valve) 0x01 Go to Mounted position
0x4014	eTRV Orientation	boolean	R/W			0x00	0x00: Horizontal (Default) 0x01: Vertical
0x4015	External Measured Room Sensor	Int16	R				
0x4020	Control algorithm scale factor	uint8	R/W				timeconstant ("aggressiveness" of control algorithm) 1= Quick ...
0x4030	Heat Available	boolean	R/W			0x01	0x00 No heat available 0x01 Heat available
0x4031	Heat Supply Request	boolean	R				0x00 No heat request 0x01 Heat request
Cluster:	(0x0204) Thermostat UI Configuration						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x0000	TemperatureDisplayMode	enum8	R/W	M		0x00	0x00 = °C 0x01 = °F Not supported!
0x0001	KeypadLockout	enum8	R/W	M		0x00	0x00 = no lockout 0x01 = level 1 lockout
0x4000	Viewing Direction	enum8	R/W			0x00	0x00 = viewing direction 1 0x01 = viewing direction 2
Cluster:	(0x0B05) Diagnostic						
Attribute ID	Name	Data Type	R/W	M/O	Reporting	Default	Descriptions
0x011C	LastMessageLQI	uint8	R	O		0x00	The Link Quality Indicator is a value between 0 and 255 where 0 indicates the worst possible link
0x011D	LastMessageRSSI	int8	R	O			strength indication (in dBm) for the last message received.
0x4000	SW error code	map16	R/W		Yes		0