System Specification

EnOcean Equipment Profiles

REVISION HISTORY

Ver.	Editor	Change	Date
2.6.8	NM	Last xml edition of the EEP-Specification	Dec 31, 2017

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System Specification

D2-03: Light, Switching + Blind Control

The EEP family D2-03-xx provides different telegram types for switches, light and blind control. The purpose is to support secure communication and other functional aspects of applications extending the possibilities given by existing profiles (1BS, RPS, 4BS). Transmitting information in the status field of a telegram is not necessary with this EEP family.

RORG	D2	VLD Telegram
FUNC	03	Light, Switching + Blind Control
TYPE	10	Mechanical Handle

Submitter: Eltako

This document contains the description of <u>decrypted</u> mechanical handle data. The mechanical handle profile must be redefined because there is no status field in EnOcean security available.

EEP Properties:
DATA EXCHANGE
Direction: unidirectional
Addressing: broadcast
Communication trigger: event-triggered
Communication interval: N/A

Trigger event: rotate mechanical handle
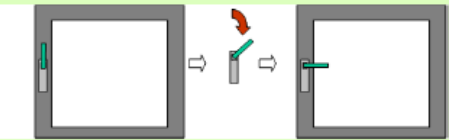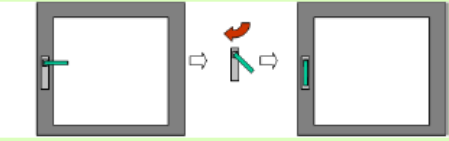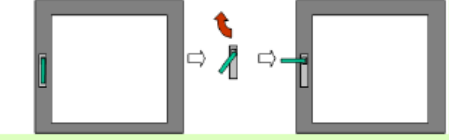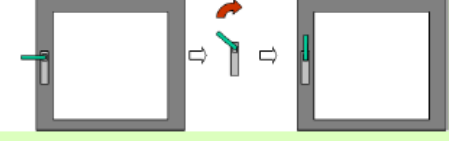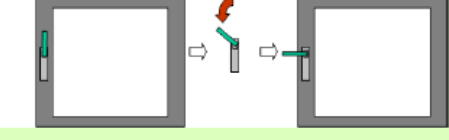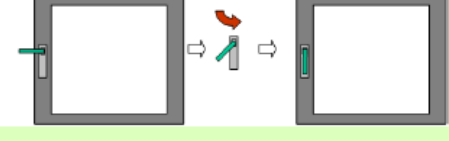Tx delay: N/A
Rx timeout: N/A

TEACH-IN
Teach-in method: Secure Teach-in, followed by special RPS teach-in sequence: Mechanical handle (closed => opened => closed within 2s)
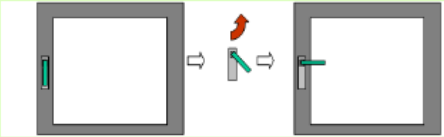
SECURITY
Encryption supported: yes
Security level format:

Offset	Size	Data	ShortCut	Description	Valid Range	Scale	Unit
0	8	Window handle, decrypted data	WIN	Movement of the window handle	Enum:		
					0b00000001:		
					0b00000010:		
					0b00000011:		
					0b00000100:		
					0b00000011:		
					0b00000010:		
					0b00000011:		

					`0b00000100:`	