RORG	D2	VLD
FUNC	03	Light, Switching + Blind Control
TYPE	0A	Push Button – Single Button

Submitter: ID-RF
Date of Submission: 28-02-2018
Start of TWG Review:
Date of Approval:

EEP Version: **2.15**
Last Change: **16-05-2018**
Status: **under review by TWG**

Change History:

Date	Version	Author	Description
2018-02-06	1.0	Alexis Polegato	Creation of the new Profile
2018-02-28	2.0	Alexis Polegato	Modification from 4BS to VLD Profile
2018-04-02	2.1	Alexis Polegato	Update Battery Valid Range. Add IP Profile
2018-04-19	2.2	Alexis Polegato	Update IP Profile with an enum for button actions
2018-05-16	2.5	Norbert Metzner	updated for TWG-review

‒ ‒

EEP Submission

RORG	D2	VLD
FUNC	03	Light, Switching + Blind Control
TYPE	0A	Push Button – Single Button

Description:

This profile represents a simple push button which can be used to send different kinds of action realized on a single push button. The push button is battery powered and is able to send the level of the battery.

‒ ‒

Product Description:

The proposal below is to introduce a new EnOcean Equipment Profile D2-03-0A.

ID-RF is currently working on a new EnOcean product, which is a Push Button. Namely, this device intends to be paired with a Gateway, to allow end-user to remotely activate some predefined scene from his Gateway by using a simple device.

Based on a single button, different kinds of action will be available to be able to trigger different Scene from the Gateway such as:
- Simple Press,
- Double Press,
- Long Press,
- Long Press released.

EEP Properties defined by the submitter:

Data exchange

Direction:	unidirectional
Addressing:	broadcast
Communication trigger:	event triggered
Communication interval:	N/A
Trigger event:	button pressed
Tx delay:	N/A
Rx timeout:	N/A

Teach-in exchange

Teach-In method:	Universal teach-in (UTE)

Security

Encryption supported:	no
Security Level:	N/A

DB_1								DB_0							
7	6	5	4	3	2	1	0	7	6	5	4	3	2	1	0
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BATT								BA							

Offset	Size	Data	Shortcut	Description	Valid Range	Scale	Unit
0	8	Battery Autonomy	BATT	Battery Autonomy	1…100	1 … 100	%
8	8	Button Action	BA	Button Action	Enum:		
					0x00: Reserved		
					0x01: Simple press		
					0x02: Double press		
					0x03: Long press		
					0x04: Long press released		
					0x05…0xFF: Reserved		

IP-profile:

D2-03-0A: Light, Switching + Blind Control, Push Button – Single Button

Direction "from"

Key	Value	Meaning
battery	1 … 100 [%], step 1	Battery Autonomy
buttonAction	1	Button Action : Simple Press
	2	Button Action : Double Press
	3	Button Action : Long Press
	4	Button Action : Long Press released